

Credit Fall 2014

## Credit Fall 2014

Note! Early enrollment for fall graduates is April 21-23 at 8:00 a.m. Fall open enrollment for all other students begins on the web on April 23 at 9:00 p.m. Enrollment for Fall CNA courses begins on April 25 at 8:00 a.m.

## Academic Achievement Center

### AAC 100 - Study Skills

This self-instructional course is designed to improve students' ability to study efficiently. Based on the results of a study skills survey administered during the student's initial visit to the center, an individualized program is established. Using instructional material provided by the AAC, students will master a variety of concepts, including time management, goal setting, textbook reading, note taking from textbook and from lecture, stress management, test taking and using college resources. An Academic Achievement Center instructor is available to work with the student to establish specific instructional goals, administer tests, and provide individualized instruction as it is needed to complete the student's program. This course does not fulfill degree requirements and is not federal aid eligible. 20 hrs./semester

Credit Hours: 1

Associated Costs: \$2 to 5

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/aac/#AAC\\_100](http://catalog.jccc.edu/fall/coursedescriptions/aac/#AAC_100))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82347 001 IND	-----	-	08/18/14-12/12/14	OCB 304	Merritt J	30 of 30
82350 002 IND	-----	-	10/13/14-12/06/14	OCB 304	Merritt J	30 of 30

### AAC 101 - Study Skills Mini-Course

This class is a regularly scheduled class designed to improve students' ability to study efficiently. The focus is an array of skills the college student needs, i.e., test-taking skills and note-taking skills, using a textbook, critical reading and memory recall, and effective listening and classroom strategies. Also covered are services the college offers to

facilitate the learning experience for the college student, i.e., the Writing Center, the Math Resource Center, the Academic Achievement Center, the Student Success Center and the Billington Library. The format includes reading, discussion and application activities. This course does not fulfill degree requirements. This course does not fulfill degree requirements and is not federal aid eligible.

Note: AAC 101 does not meet in OCB 304; the sections have an individual meeting time and room location.

Credit Hours: 1

Associated Costs: \$2 to 5

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/aac/#AAC\\_101](http://catalog.jccc.edu/fall/coursedescriptions/aac/#AAC_101))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82328 001 F2F	-T-----	12:30-02:45 PM	10/07/14-11/11/14	SCI 218	Jonason P	15 of 15

## AAC 102 - Basic Spelling

This self-instructional course is for students who wish to improve their spelling ability but who have not been successful in the traditional spelling program. This course provides a highly structured approach to spelling improvement through mastery of morphographs (units of meaning) and guidelines for combining morphographs. A limited number of spelling rules are taught in the course. This course is ideal for students for whom English is a second language. An Academic Achievement Center instructor is available to work with students to establish specific goals, administer tests, and provide individualized instruction as needed to complete the students' program. This course does not fulfill degree requirements and is not federal aid eligible. 16 hrs./semester

Credit Hours: 3

Associated Costs: \$2 to 5

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/aac/#AAC\\_102](http://catalog.jccc.edu/fall/coursedescriptions/aac/#AAC_102))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82351 001 IND	-----	-	08/18/14-12/12/14	OCB 304	Merritt J	100 of 100
82354 002 IND	-----	-	09/02/14-12/12/14	OCB 304	Merritt J	50 of 50

## AAC 106 - Vocabulary Development

This self-instructional course is designed for college students who wish to expand both their receptive and expressive vocabulary levels. College students are expected to be able to recognize and use vocabularies specific to specialized and changing contents, i.e., data processing, sociology and business. A vocabulary placement test will be administered to determine a starting level. Instructional material provided by the AAC includes Latin and Greek derivatives, specialized vocabulary, stated and implied meanings as well as the process of acquisition (context clues, etymology and derivatives). An Academic Achievement Center instructor is available to work with the student to establish specific instructional goals, administer tests and provide individualized instruction as needed to complete the student's program. This course does not fulfill degree requirements and is not federal aid eligible. 20 hrs./semester

Credit Hours: 1

Associated Costs: \$2 to 5

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/aac/#AAC\\_106](http://catalog.jccc.edu/fall/coursedescriptions/aac/#AAC_106))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82358 001 IND	-----	-	08/18/14-12/12/14	OCB 304	Merritt J	50 of 50

## AAC 112 - Basic Math Review

This self-instructional course is designed for students who need to learn or review basic mathematical concepts. Based on the results of a pretest administered during the student's initial visit to the Center, an individualized program is established. While one student may begin the program with multiplication facts, another may begin with solving proportions or equations. Instructional material is provided by the AAC. An Academic Achievement Center instructor is available to work with the student to establish specific instructional goals, administer tests and to provide individualized instruction as needed to complete the student's program. This course does not fulfill degree requirements and is not federal aid eligible. 20 hrs./semester

Credit Hours: 1

Associated Costs: \$2 to 5

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/aac/#AAC\\_112](http://catalog.jccc.edu/fall/coursedescriptions/aac/#AAC_112))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82359 001 IND	-----	-	08/18/14-12/12/14	OCB 304	Merritt J	75 of 75

## AAC 113 - Algebra Preparation

This self-instructional course is designed for students who possess basic math skills and want to learn basic concepts in algebra. Based on the results of a pretest administered during the student's initial visit to the center, an individualized program is established. Using instructional material provided by the AAC, students will master a variety of concepts, including the terminology of mathematics and algebra, simplifying open expressions, solving algebraic equations and other concepts. An Academic Achievement Center instructor will be available to work with the student to establish specific instructional goals, administer tests and provide individualized instruction as needed to complete the student's program. This course does not fulfill degree requirements and is not federal aid eligible. 20 hrs./semester

Credit Hours: 1

Associated Costs: \$2 to 5

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/aac/#AAC\\_113](http://catalog.jccc.edu/fall/coursedescriptions/aac/#AAC_113))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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## AAC 114 - Chemistry Preparation

This self-instructional course is designed for students who need to learn or review the basic chemistry concepts. Based on the results of a pretest administered during the student's initial visit to the center, an individualized program is established. Using instructional material provided by the AAC, students will master a variety of concepts, including chemical symbols and formulas, valences, chemical equations, the metric system, units and dimensions, temperature, numbers in exponent form, significant figures, electrical charges, acids, bases, salts and solubility. An Academic Achievement Center instructor is available to work with the student to establish specific instructional goals, administer tests and provide individualized instruction needed to complete the student's program. This course does not fulfill degree requirements and is not federal aid eligible. 20 hrs./semester

Credit Hours: 1

Associated Costs: \$2 to 5

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/aac/#AAC\\_114\)](http://catalog.jccc.edu/fall/coursedescriptions/aac/#AAC_114)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
82363 001 IND	-----	-	08/18/14-12/12/14	OCB 304	Merritt J	50 of 50

## AAC 120 - Individualized Study

This self-instructional course is designed for students who want to improve in any of the following AAC areas: study skills, reading comprehension, reading rate, vocabulary improvement, advanced spelling, basic math, algebra preparation or chemistry preparation. Once the area of study has been determined, a pretest will be administered by the instructor and a program of study will be developed using materials provided by the AAC. An Academic Achievement Center instructor is available to work with students to establish specific goals, administer tests, and to provide individualized instruction needed to complete the student's program. This course does not fulfill degree requirements and is not federal aid eligible. 20 hrs./semester

Credit Hours: 1

Associated Costs: \$2 to 5

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/aac/#AAC\\_120\)](http://catalog.jccc.edu/fall/coursedescriptions/aac/#AAC_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82364 001 IND	-----	-	08/18/14-12/12/14	OCB 304	Merritt J	50 of 50
82420 002 IND	-----	-	09/22/14-12/12/14	OCB 304	Merritt J	50 of 50

## AAC 125 - College/Life Success

This is a course designed to introduce the skills necessary for college and career success. The purpose is to assist students in identifying and integrating strengths, individual personality type, learning style and study strategies into their college and life experiences. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/aac/#AAC\\_125](http://catalog.jccc.edu/fall/coursedescriptions/aac/#AAC_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82304 350 ONLINE	-----	-	09/02/14-12/12/14	Online	Hanysz S	20 of 20

Note: For more information, contact the instructor, Sherri Hanysz at [shanyisz@jccc.edu](mailto:shanyisz@jccc.edu).



## AAC 135 - Career and Life Planning

This course helps students make decisions about their college majors, careers and other life goals. It emphasizes career research as a tool for making current career decisions and meeting changes in the future workplace. Students learn a systematic approach for making career and life decisions based on their personalities, interest, skills and values.

Note: AAC 135 does not meet in LIB 227; the sections have an individual meeting time and room location.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/aac/#AAC\\_135](http://catalog.jccc.edu/fall/coursedescriptions/aac/#AAC_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82345 001 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CC 312	Frigault R	25 of 25
82305 002 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	 OHEC 143	Belk P	18 of 18
82306 003 F2F	-T-----	06:00-09:05 PM	09/02/14-12/12/14	 LCS 12	Stevens L	15 of 15

## Accounting

### ACCT 109 - Basics of Income Taxes

This course teaches the student federal income tax rules and the procedures for reporting federal income tax. Upon completion of this course, the student should be able to keep records that will provide appropriate information for use in preparing federal income tax. The student should also be able to prepare the basic individual federal income tax return. 1 hr. lecture/wk.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/acct/#ACCT\\_109](http://catalog.jccc.edu/fall/coursedescriptions/acct/#ACCT_109))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80176 350 ONLINE	-----	-	08/18/14-09/15/14	Online	Spoolstra A	20 of 20
Kansas Senate Bill SB 155						
80178 351 ONLINE	-----	-	09/15/14-10/13/14	Online	Spoolstra A	20 of 20
Kansas Senate Bill SB 155						
82978 352 ONLINE	-----	-	10/27/14-11/24/14	Online	Spoolstra A	20 of 20
Kansas Senate Bill SB 155						

## ACCT 111 - Small Business Accounting

This course will introduce the basic accounting procedures needed to maintain daily records for a small business and the use of such records in the decision-making process. Upon successful completion of the course, the student will be able to maintain a set of financial records with the occasional help of an outside accountant. This course does not prepare the student for Accounting II. 3 hrs./wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/acct#ACCT\\_111](http://catalog.jccc.edu/fall/coursedescriptions/acct#ACCT_111))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80180 001 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	GEB 363	Forbes H	20 of 20
Kansas Senate Bill SB 155						
80182 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Farmer C	20 of 20
Kansas Senate Bill SB 155						
80184 351 ONLINE	-----	-	08/18/14-12/12/14	Online	Farmer C	20 of 20
Kansas Senate Bill SB 155						
80186 352 ONLINE	-----	-	08/18/14-12/12/14	Online	Silverstein J	20 of 20
Kansas Senate Bill SB 155						

## ACCT 121 - Accounting I

This course is an introduction to accounting fundamentals. Upon successful completion of this course, a student should be able to analyze transactions, use various journals and ledgers, prepare financial statements and summarize results at the close of the fiscal period for the sole proprietorship. 3 hrs./wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/acct#ACCT\\_121](http://catalog.jccc.edu/fall/coursedescriptions/acct#ACCT_121))

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
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80188	001	F2F	M-W-F--	07:00-07:50 AM	08/18/14-12/12/14	GEB 363	Megarlis M	20 of 20
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Kansas Senate Bill SB 155

80190	002	F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	GEB 363	Megarlis M	20 of 20
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Kansas Senate Bill SB 155

80192	003	F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	GEB 254	King A	30 of 30
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Kansas Senate Bill SB 155

80193	004	F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	GEB 254	King A	30 of 30
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Kansas Senate Bill SB 155

80194	005	F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	GEB 254	King A	30 of 30
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Kansas Senate Bill SB 155

80195	006	F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	GEB 254	Krug D	30 of 30
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Kansas Senate Bill SB 155

80196	007	F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	GEB 254	Krug D	30 of 30
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Kansas Senate Bill SB 155

80197	008	F2F	M-W----	02:00-03:15 PM	08/18/14-12/12/14	GEB 254	Wayne A	30 of 30
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Kansas Senate Bill SB 155

80198	009	F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	GEB 254	McNeil K	30 of 30
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Kansas Senate Bill SB 155

80199	010	F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	OCB 142	Cole L	24 of 24
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Kansas Senate Bill SB 155

80200	011	F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	GEB 254	Spoolstra A	30 of 30
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Kansas Senate Bill SB 155

80201	012	F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	GEB 254	Spoolstra A	30 of 30
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Kansas Senate Bill SB 155

80202	013	F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	GEB 256	Kolich R	30 of 30
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Kansas Senate Bill SB 155

80203	014	F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	GEB 254	Jones D	30 of 30
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Kansas Senate Bill SB 155

80204	015	F2F	-T-R---	04:30-05:45 PM	08/19/14-12/12/14	GEB 254	Jones D	30 of 30
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Kansas Senate Bill SB 155

80205	016	F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	GEB 254	Wright J	30 of 30
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Kansas Senate Bill SB 155

80206	017	F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	GEB 254	Holbrook C	30 of 30
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Kansas Senate Bill SB 155

80207	018	F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	GEB 254	Holbrook C	30 of 30
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Kansas Senate Bill SB 155

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80208	019 F2F	-----S-	09:00-11:50 AM	08/23/14-12/12/14	GEB 254	Wayne A	30 of 30
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Kansas Senate Bill SB 155

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80209	350 ONLNE	-----	-	08/18/14-12/12/14	Online	Shively S	20 of 20
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Kansas Senate Bill SB 155

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80210	351 ONLNE	-----	-	08/18/14-12/12/14	Online	Shively S	20 of 20
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Kansas Senate Bill SB 155

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80211	352 ONLNE	-----	-	08/18/14-12/12/14	Online	Shively S	20 of 20
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Kansas Senate Bill SB 155

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80212	353 ONLNE	-----	-	08/18/14-12/12/14	Online	Shively S	20 of 20
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Kansas Senate Bill SB 155

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80213	354 ONLNE	-----	-	08/18/14-12/12/14	Online	Shively S	20 of 20
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Kansas Senate Bill SB 155

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80214	355 ONLNE	-----	-	08/18/14-12/12/14	Online	Krug D	20 of 20
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Kansas Senate Bill SB 155

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80215	356 ONLNE	-----	-	08/18/14-12/12/14	Online	Kleiner S	20 of 20
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Kansas Senate Bill SB 155

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80216	357 ONLNE	-----	-	09/02/14-12/12/14	Online	Kleiner S	20 of 20
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Kansas Senate Bill SB 155

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82971	358 ONLNE	-----	-	09/02/14-12/12/14	Online	Fisher E	20 of 20
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Kansas Senate Bill SB 155

## ACCT 122 - Accounting II

This course is a continuation of ACCT 121. Upon successful completion of this course, the student should be able to prepare and use financial statements with increased emphasis on interpretation and use of accounting data peculiar to partnerships, corporations and manufacturing firms. 3 hrs./wk.

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Credit Hours: 3

Prerequisite: ACCT 121

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/acct/#ACCT\\_122](http://catalog.jccc.edu/fall/coursedescriptions/acct/#ACCT_122))

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CRN	Days	Time	Date	Location	Instructor	Seats Open	
80217	001 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	GEB 256	Cordes S	30 of 30
Kansas Senate Bill SB 155							
80218	002 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	LIB 147A	Krug D	14 of 14



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80219 003 F2F M-W-F-- 11:00-11:50 AM 08/18/14-12/12/14 GEB 256 Krug D 30 of 30

Kansas Senate Bill SB 155

80220 004 F2F -T-R--- 09:30-10:45 AM 08/19/14-12/12/14 GEB 256 King A 30 of 30

Kansas Senate Bill SB 155

80221 005 F2F -T-R--- 11:00-12:15 PM 08/19/14-12/12/14 GEB 256 Fisher E 30 of 30

Kansas Senate Bill SB 155

80222 006 F2F -T----- 06:00-08:50 PM 08/19/14-12/12/14 GEB 256 Smith H 30 of 30

Kansas Senate Bill SB 155

80223 007 F2F --W---- 06:00-08:50 PM 08/20/14-12/12/14 GEB 256 Kolich R 30 of 30

Kansas Senate Bill SB 155

80224 350 ONLNE ----- - 08/18/14-12/12/14 Online Cole L 20 of 20

Kansas Senate Bill SB 155

80225 351 ONLNE ----- - 08/18/14-12/12/14 Online Cole L 20 of 20

Kansas Senate Bill SB 155

80226 352 ONLNE ----- - 08/18/14-12/12/14 Online Cole L 20 of 20

Kansas Senate Bill SB 155

80227 353 ONLNE ----- - 09/01/14-12/12/14 Online Krug D 20 of 20

Kansas Senate Bill SB 155

82972 354 ONLNE ----- - 08/18/14-12/12/14 Online Sivaratnam L 20 of 20

Kansas Senate Bill SB 155

## ACCT 131 - Federal Income Taxes I

This course teaches the student federal income tax rules and the procedures for reporting federal income tax. Upon completion of this course, the student should be able to do short- and long-range tax planning and keep records that will provide appropriate information for use in preparing federal income tax. The student should also be able to prepare the standard individual federal income tax return. 3 hrs./wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/acct#ACCT\\_131](http://catalog.jccc.edu/fall/coursedescriptions/acct#ACCT_131))

CRN Days Time Date Location Instructor Seats Open

80228 001 F2F -T-R--- 09:30-10:45 AM 08/19/14-12/12/14 GEB 363 Spoolstra A 20 of 20

Kansas Senate Bill SB 155

80229 350 ONLNE ----- - 08/18/14-12/12/14 Online Spoolstra A 20 of 20

Kansas Senate Bill SB 155

Kansas Senate Bill SB 155

## ACCT 135 - Computerized Accounting Applications

Upon successful completion of this course, a student will be able to use the microcomputer to create a chart of accounts, accounts receivable and payable subsidiary ledgers, transaction journals, general ledgers, financial statements, reports and forecasts. 3 hrs./wk.

Credit Hours: 3

Prerequisite: ACCT 121 or ACCT 111

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/acct#ACCT\\_135](http://catalog.jccc.edu/fall/coursedescriptions/acct#ACCT_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80232 001 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	GEB 363	Spoolstra A	20 of 20
Kansas Senate Bill SB 155						
80234 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Silverstein J	20 of 20
Kansas Senate Bill SB 155						

## ACCT 140 - Computerized Accounting Problems

The course will teach students how to use spreadsheet and database software to set up and solve accounting problems. 3 hrs/wk.

Credit Hours: 3

Prerequisite: ACCT 122

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/acct#ACCT\\_140](http://catalog.jccc.edu/fall/coursedescriptions/acct#ACCT_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80235 350 ONLINE	-----	-	08/18/14-12/12/14	Online	King A	20 of 20
Kansas Senate Bill SB 155						
82973 351 ONLINE	-----	-	08/18/14-12/12/14	Online	TBA	20 of 20
Kansas Senate Bill SB 155						

## ACCT 215 - Accounting for Nonprofit Organizations

This course will teach students basic information of not-for-profit accounting and its primary users: federal, state and local governments; hospitals; and schools. Upon successful completion of the course, the student should be able to describe the primary funds and accounting groups, assist in the budget process, and practice variances among the

major nonprofit organizations according to their authoritative pronouncements. 3 hrs./wk.

Credit Hours: 3

Prerequisite: ACCT 121

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/acct#ACCT\\_215](http://catalog.jccc.edu/fall/coursedescriptions/acct#ACCT_215))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80236 001 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	CLB 205	Fisher E	30 of 30

Kansas Senate Bill SB 155

## ACCT 221 - Cost Accounting

Upon completion of this course, the student should be able to develop and use accounting information to plan and control operations, value inventory, determine income in a manufacturing environment, and evaluate subsequent results. 3 hrs./wk.

Credit Hours: 3

Prerequisite: ACCT 122

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/acct#ACCT\\_221](http://catalog.jccc.edu/fall/coursedescriptions/acct#ACCT_221))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80238 001 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	GEB 256	Callanan J	30 of 30

Kansas Senate Bill SB 155

## ACCT 222 - Managerial Accounting

Upon completion of this course, the student should be able to develop and use accounting information as an instrument of management control. Students will recognize needed information, determine where it can be obtained and decide how this information can be used by managers to plan, control and make decisions. Material covered includes financial statement analysis, cost application and budgeting reports management. 3 hrs./wk.

Credit Hours: 3

Prerequisite: ACCT 122

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/acct#ACCT\\_222](http://catalog.jccc.edu/fall/coursedescriptions/acct#ACCT_222))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80239 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	GEB 363	Cordes S	20 of 20

Kansas Senate Bill SB 155

	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	GEB 363	Easton W	20 of 20
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80240 002 F2F

Kansas Senate Bill SB 155

80241	003 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	GEB 254	Krug D	20 of 20
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Kansas Senate Bill SB 155

80245	004 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	GEB 363	Henn R	20 of 20
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Kansas Senate Bill SB 155

80247	350 ONLINE	-----	-	08/18/14-12/12/14	Online	Cordes S	20 of 20
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80249	351 ONLINE	-----	-	08/18/14-12/12/14	Online	Cordes S	20 of 20
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80251	352 ONLINE	-----	-	08/18/14-12/12/14	Online	Cordes S	20 of 20
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80253	353 ONLINE	-----	-	09/02/14-12/12/14	Online	Sivaratnam L	20 of 20
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## ACCT 231 - Intermediate Accounting I

The course will present the use of accounting theory in the preparation of financial reports. Upon successful completion of this course, the student should be able to solve problems that arise in the presentation of cash, receivables, inventories, tangible and intangible assets on the statement of financial position, and their related effect on the statement of income. 3 hrs./wk.

Credit Hours: 3

Prerequisite: ACCT 122

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/acct#ACCT\\_231](http://catalog.jccc.edu/fall/coursedescriptions/acct#ACCT_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
80255	001 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	OCB 142	Cole L	24 of 24

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## ACCT 232 - Intermediate Accounting II

Accounting theory learned through the study of accounting concepts and technical procedures will be presented in this course. Upon completion, the student should be able to solve problems in the presentation of capital structures, long-term investments, debts, leases, pensions, the analysis of financial statements, and price-level, and fair value accounting and reporting. 3 hrs./wk.

Credit Hours: 3

Prerequisite: ACCT 122

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/acct#ACCT\\_232](http://catalog.jccc.edu/fall/coursedescriptions/acct#ACCT_232))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80256 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Callanan J	20 of 20

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## ACCT 240 - Fraud Examination

This course teaches the principles involved in the detection and prevention of fraud as it pertains to financial matters. The course will explore the vast body of knowledge gained by accounting practitioners and will utilize critical thinking to apply these factors to the prevention of financial statement and employee fraud. Upon completion of this course, the student should be able to describe how and why fraud is committed, to use creative ways to detect and prevent fraudulent conduct, and to understand how allegations of fraud should be investigated and resolved. 3 hrs.wk.

Credit Hours: 3

Prerequisite: ACCT 222

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/acct#ACCT\\_240](http://catalog.jccc.edu/fall/coursedescriptions/acct#ACCT_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80257 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Cordes S	20 of 20

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## ACCT 278 - Accounting Internship

The student will be able to gain work experience in an approved training station under instructional supervision in an accounting or an accounting-related occupation. This internship is designed to give students the opportunity to apply the skills they have acquired in accounting specialty courses. The internship will require an average of 12 hours of job training per week by arrangement. It is strongly advised that the student secure the internship position before enrolling in this course. Searching for the position, applying for it, and being accepted to work are three important aspects of the coursework that must be completed during the first few weeks of the course, if not completed before the course begins.

Credit Hours: 1

Prerequisites: ACCT 121 plus 12 additional ACCT hours beyond ACCT 121 and department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/acct#ACCT\\_278](http://catalog.jccc.edu/fall/coursedescriptions/acct#ACCT_278))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80258 500 INT	-----	-	08/18/14-12/12/14		King A	16 of 16

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## ACCT 285 - Accounting Capstone

This course is designed as a capstone experience before entering the workplace. Students will maintain a complete set of books and related financial statements both manually and electronically through an accounting cycle. Students will use previously prepared financial statements to make informed judgments and solve problems, identify and apply ethical positions and effectively communicate this information to others both orally and in writing.

Credit Hours: 3

Prerequisites: ACCT 121 and ACCT 122 plus 15 hours of accounting courses and department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/acct#ACCT\\_285](http://catalog.jccc.edu/fall/coursedescriptions/acct#ACCT_285))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80259 376 HYB	-----	-	08/18/14-12/12/14	Online	Cordes S	20 of 20
	-T-----	04:30-05:45 PM	08/19/14-12/12/14	GEB 363		

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## Administration of Justice

### ADMJ 121 - Introduction to Administration of Justice

This course provides a detailed description of the components of the American criminal justice system: police, courts and corrections. Students utilize critical thinking skills to discern the balance between individual rights and public order as it pertains to the criminal justice process. Students demonstrate knowledge of criminal justice processes through examinations, assigned papers and reports. Additionally, students are required to participate in field and classroom experiences designed to explore the various career opportunities within the criminal justice system. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/admj#ADMJ\\_121](http://catalog.jccc.edu/fall/coursedescriptions/admj#ADMJ_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81854 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	PA 145	Galbrecht F	32 of 32
81855 002 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	PA 133	Ladd G	32 of 32
81856 201 F2F	--W----	06:00-09:00 PM	09/03/14-12/12/14	PA 145	Groves M	30 of 30
81857 350 ONLNE	-----	-	08/18/14-12/12/14	Online	Daniels M	25 of 25

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## ADMJ 122 - Police Operations

This course examines the major components involved in police operations. The students examine the role of police in society and the application of key concepts to policing scenarios. Focus is placed on patrol, investigative activities, communications, routine and emergency police calls, specialized police operations, police operations in culturally diverse communities, legal restraints, stress in police work, and ethical responsibilities. 3 hrs. lecture/wk.

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Credit Hours: 3

Prerequisite: ADMJ 121

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ\\_122](http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81858 201 F2F	-T-R---	09:30-10:50 AM	08/26/14-12/12/14	PA 145	Galbrecht F	32 of 32

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## ADMJ 124 - Criminal Justice and Corrections

This course will explore the correctional system and trace the evolution of criminal sanctions from early English common law to the present. An examination of local, state, and federal correctional systems will provide an overview of society's response to criminal behavior. Students will be introduced to a detailed examination of jails, prisons, and community corrections. 3 hrs. lecture/ wk.

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Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ\\_124](http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ_124))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81859 001 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	PA 133	Ashman C	32 of 32

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81860 002 F2F	---R---	06:00-09:00 PM	08/21/14-12/12/14	PA 145	Gabrielson J	32 of 32
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81861 350 ONLINE	-----	-	08/18/14-12/12/14	Online	King K	25 of 25
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## ADMJ 127 - Criminology

This class will explore various explanations for criminal behavior including choice, biosocial, psychological, social structure and social process theories. Society's responses to crime will also be examined. 3 hrs. lecture/wk. ADMJ 127 and SOC 127 are the same course. Do not enroll in both.

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Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ\\_127](http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ_127))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81862 001 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	PA 144	Divney J	24 of 24
Kansas Senate Bill SB 155						
81863 002 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	PA 133	Galbrecht F	32 of 32
Kansas Senate Bill SB 155						
81865 003 F2F	-T-R---	12:30-01:50 PM	08/26/14-12/12/14	PA 133	Ladd G	32 of 32
Kansas Senate Bill SB 155						
82485 004 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	PA 145	Groves M	32 of 32
Kansas Senate Bill SB 155						
81867 350 ONLNE	-----	-	08/18/14-12/12/14	Online	Daniels M	25 of 25
Kansas Senate Bill SB 155						
81868 351 ONLNE	-----	-	08/18/14-12/12/14	Online	Groves M	25 of 25
Kansas Senate Bill SB 155						

## ADMJ 141 - Criminal Law

After taking this course, the student will be able to state the two basic elements necessary for any crime and the philosophy behind these two elements. After a detailed exploration of common law crimes and selected Kansas and Missouri statutes, the student will be able to classify common law crimes and state the difference between a felony and a misdemeanor. The student will understand the significance of the separation of powers doctrine and its application to criminal law and the constant interplay of the U.S. Constitution in criminal law. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ADMJ 121 or LAW 121

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ\\_141](http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ_141))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81869 001 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	PA 145	Galbrecht F	32 of 32
Kansas Senate Bill SB 155						
81870 002 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	PA 144	Blank S	24 of 24
Kansas Senate Bill SB 155						

## ADMJ 143 - Crime Analysis

Students will learn crime profiling skills and specialized techniques of conducting research, analyzing data and producing crime analysis products. Students will survey existing computer applications and learn practical use and evaluation of these applications. Students will become familiar with the common written reports, charts and graphs



used to describe crime analysis products. Students will survey the variety of customers served by crime analysts and the integral part crime analysis plays within the community. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ\\_143](http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ_143))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81871 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Smith S	25 of 25

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## ADMJ 145 - Fundamentals Private Security

In addition to understanding the general field of private security, the student will be able to differentiate between the security needs of industry, private business, government and selected educational institutions. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ\\_145](http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81872 001 F2F	--W----	06:00-09:00 PM	09/03/14-12/12/14	PA 144	Betten M	24 of 24

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## ADMJ 150 - Criminal Procedure

Criminal Procedure is an exploration of the structure of the judicial process, the sources and constitutional development of criminal procedure, criminal investigation, remedies for violations of constitutional rights, the pretrial and trial process, sentencing and appeals, and counter-terrorism. Students will learn through discussion of important U.S. Supreme Court cases that have shaped the way the Constitution is interpreted followed by analysis of hypothetical fact patterns that require the student to apply the knowledge they have gained. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ\\_150](http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81873 001 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	PA 133	Blank S	32 of 32

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## ADMJ 180 - Correctional Casework

This course helps prepare students for positions in correctional agencies. Students will learn how corrections officials, parole officers, probation officers, facility based caseworkers and treatment providers perform their roles. Students will examine various types of offenders housed in correctional facilities. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ADMJ 124

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ\\_180](http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ_180))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81874 201 F2F	M-----	06:00-09:00 PM	08/25/14-12/12/14	PA 133	Ashman C	32 of 32

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## ADMJ 201 - Police Interrogation

This class will assist students in developing the specific verbal and written communication skills used in the criminal justice field. Emphasis will be placed on the development of interviewing, interrogation, and report writing skills. Course content will focus on interviewing victims, witnesses and suspects and utilizing the information to write accurate and complete narrative reports. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ\\_201](http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ_201))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81875 001 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	PA 145	Galbrecht F	32 of 32

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## ADMJ 221 - Forensic Science and Crime Scene Investigation

This course provides an overview of forensic science by focusing on the current technologies police rely on to apprehend criminal perpetrators and to link them through trace evidence to crime scenes. Emphasis is on crime scene investigation, physical evidence, organic and inorganic analysis, forensic toxicology and use of DNA in investigations. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ\\_221](http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ_221))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81876 001 F2F	---R---	06:00-09:00 PM	09/04/14-12/12/14	PA 144	McGill Carroll K	18 of 18

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## ADMJ 228 - Criminal Justice Communications

This class will assist students in developing the specific verbal and written communication skills used in the criminal justice field. Emphasis will be placed on the development of interviewing and report writing skills, focusing on the unique types of writing required gathering pertinent information and then recording that information by writing a variety of report narratives, represented by those prepared by individuals working in a profession within the criminal justice system. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: ENGL 121

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ\\_228](http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ_228))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83020 201 F2F	M-----	06:00-07:50 PM	08/25/14-12/12/14	PA 144	O'Halloran G	24 of 24

## ADMJ 230 - Criminal Behavior

This course explores the relationship between psychology, criminal behavior, and the criminal justice system. The foundation of the course will be a detailed examination of the various theories used to explain the causation of criminal behavior. Special emphasis will be placed on exploring how this understanding is applied in various settings within the criminal justice system; including police departments, the courts, and corrections. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: PSYC 130

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ\\_230](http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81878 001 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	PA 144	King K	24 of 24

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## ADMJ 235 - Community Based Corrections

This course is a comprehensive examination of community based corrections. The history of probation and parole is discussed as a foundation for the expanded coverage of correctional services offered in the community. Emphasis is given to modern correctional paradigms including diversion, intermediate sanctions, reentry and restorative justice. Practical field experience will broaden the students' understanding of this population and successful best practices of existing federal, state and county agencies will be examined. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ\\_235](http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ_235))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81879 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	PA 133	Ashman C	32 of 32
Kansas Senate Bill SB 155						
81881 002 F2F	-T-----	06:00-09:00 PM	09/02/14-12/12/14	PA 133	Welch J	32 of 32
Kansas Senate Bill SB 155						

## ADMJ 255 - Ethics and Criminal Justice

This course explores the study of ethics, particularly as it applies to the field of criminal justice. Focus is placed on providing a basic framework for understanding morality and ethics, then applying those concepts to the development of critical thinking and decision-making skills as they relate to the field of criminal justice. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ\\_255](http://catalog.jccc.edu/fall/coursedescriptions/admj/#ADMJ_255))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81882 001 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	PA 144	King K	22 of 22

## Animation

### ANI 123 - Concept Art for Animation

This basic concept art course is designed for graphic artists, animators, and game artists. Students will study basic and advanced drawing elements and principles. Students will produce conceptual artwork used in animation, graphic arts and gaming, including realistic and cartoon character design, vehicles, architecture, and landscape environments. 6 hrs. integrated lecture-studio/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/ani/#ANI\\_123](http://catalog.jccc.edu/fall/coursedescriptions/ani/#ANI_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82076 001 F2F	M-W----	09:00-11:50 AM	08/18/14-12/12/14	RC 361	TBA	17 of 17
82077 002 F2F	-T-R---	09:00-11:50 AM	08/19/14-12/12/14	RC 311	Kimball L	15 of 15

### ANI 125 - Introduction to 2D Animation

In this course students will learn all aspects of traditional 2D animation, including flipbook, cell, puppet and claymation. Students will create a 2D character, write a story, fabricate a simple puppet and take it through a series of exercises. Experimental animation will be integrated into the course using paper cutouts, replacement animation and stop motion. 6 hrs. integrated lecture studio/wk.

Credit Hours: 3

Prerequisite or Corequisite: ANI 123

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/ani/#ANI\\_125](http://catalog.jccc.edu/fall/coursedescriptions/ani/#ANI_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82078 001 F2F	----FS-	12:00-02:50 PM	08/22/14-12/12/14	RC 311	Kimball L	15 of 15

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## ANI 250 - Game Art Assets

This course provides an introduction to making game art assets, and animations for next generation games. Students create high polygon, and low polygon gaming models of characters, land and air based vehicles, weapons, ammunition, health items, armor, power-ups and other model assets used in game play. Students create textures, rigging, light assets, animations, and export them into an existing game engine. 6 hrs. integrated lecture-studio/wk.

Credit Hours: 3

Prerequisite or Corequisite: CDTP 135

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/ani/#ANI\\_250](http://catalog.jccc.edu/fall/coursedescriptions/ani/#ANI_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82079 001 F2F	M-W----	09:00-11:50 AM	08/18/14-12/12/14	RC 311	TBA	15 of 15

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82080 002 F2F	M-W----	06:00-08:50 PM	08/18/14-12/12/14	RC 311	Shaneyfelt D	15 of 15
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82082 003 F2F	-T-R---	03:00-05:50 PM	08/19/14-12/12/14	RC 311	Garrison A	15 of 15
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## ANI 255 - Advanced Animation and Effects

The Advanced Animation and Effects course exposes students to various Hollywood style effects, from viscous liquid to open ocean effects. Through hands-on tutorials students will simulate and render a variety of visual effects including fire, explosions, smoke, steam, lightning, rain, snow storms and tornados. These are just a few of the many limitless possibilities that are required by today's demanding visual effects companies. The students will also explore compositing, combining CG (computer generated) and live video together to create stunning imagery. 6 hrs. integrated lecture-studio/wk.

Credit Hours: 3

Associated Costs: \$10 to 20

Prerequisite: ANI 245

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/ani/#ANI\\_255](http://catalog.jccc.edu/fall/coursedescriptions/ani/#ANI_255))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82083 001 F2F	M-W----	03:00-05:50 PM	08/18/14-12/12/14	RC 311	Byers J	15 of 15
Kansas Senate Bill SB 155						
82085 002 F2F	-T-R---	12:00-02:50 PM	08/19/14-12/12/14	RC 311	Byers J	15 of 15
Kansas Senate Bill SB 155						

## ANI 258 - Game Level Design

This course provides an introduction to game level design and how to create interior and exterior levels using the same state of the art editing tools that are used in ultra high-end video games. Students learn to build white box levels first and then populate the level with detailed original game artwork. Students will create terrain maps, textures and interactively place static meshes into the game editor to enhance the visual aspects of the level. Students explore how to build a map that is purposeful and exciting to play 6 hrs. integrated lecture-studio/wk.

Credit Hours: 3

Prerequisite: ANI 250

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/ani/#ANI\\_258](http://catalog.jccc.edu/fall/coursedescriptions/ani/#ANI_258))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82086 001 F2F	M-W----	12:00-02:50 PM	08/18/14-12/12/14	RC 311	Byers J	15 of 15
Kansas Senate Bill SB 155						

## ANI 270 - Visual Effects and Compositing

This course emphasizes the importance of breaking down visual effects shots for effective compositing. Advanced topics will include correct use of garbage mattes, 2D/3D visual effects, blue screen or green screen removal, traveling mattes, image correction, lighting and shading. An introduction to the production pipeline used in professional film and TV work will also be covered. 6 hrs. integrated lecture-studio/wk.

Credit Hours: 3

Prerequisite: ANI 145

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/ani/#ANI\\_270](http://catalog.jccc.edu/fall/coursedescriptions/ani/#ANI_270))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82089 001 F2F	-T-R---	06:00-08:50 PM	08/19/14-12/12/14	RC 311	Barnett S	15 of 15
Kansas Senate Bill SB 155						

## Anthropology

### ANTH 125 - Cultural Anthropology

This introductory course will employ various anthropological theories, perspectives, and methodologies to critically and comparatively examine an array of cultural and social topics as they relate to selected Western and Non-Western cultures and societies. 3 hrs./wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/anth/#ANTH\\_125\)](http://catalog.jccc.edu/fall/coursedescriptions/anth/#ANTH_125)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
80978 001 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	GEB 338	Huber-Smith M	35 of 35
80979 002 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	GEB 338	Michaels D	35 of 35
80980 003 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	GEB 338	Daley S	35 of 35
80981 004 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	GEB 338	Jayaram K	35 of 35
80982 005 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	GEB 338	Michaels D	35 of 35
80983 006 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	GEB 338	Moran S	35 of 35
80986 332 ONLINE	-----	-	08/18/14-12/12/14	Online	Moran S	25 of 25
80984 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Huber-Smith M	25 of 25
80985 351 ONLINE	-----	-	08/18/14-12/12/14	Online	Moran S	25 of 25
80987 400 MED	-----	-	08/18/14-12/12/14		Corbett S	35 of 35

### ANTH 126 - Physical Anthropology

This course is an introduction to selected concepts and principles important to an understanding of evolutionary forces and their influence on the physiology and behavior of humans. The importance of the scientific method will be explored. Awareness of humans and their place in nature will be achieved by examining basic genetics, micro- and macroevolution, primate ecology and behavior, the paleoanthropological evidence for human evolution, and modern human adaptation and variation. 3 hrs./wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/anth/#ANTH\\_126\)](http://catalog.jccc.edu/fall/coursedescriptions/anth/#ANTH_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80988 001 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	GEB 338	McFarlane W	35 of 35
80989 350 ONLINE	-----	-	08/18/14-12/12/14	Online	McFarlane W	25 of 25
80990 351 ONLINE	-----	-	08/18/14-12/12/14	Online	McFarlane W	25 of 25

## ANTH 130 - World Cultures

This introductory course will utilize an ethnographic approach to introduce students to various cultural and social practices of Westernized and non-Westernized cultures and societies from around the world. This course will examine a wide range of topics including economic production, religion, world view, kinship patterns and political and economic institutions. 3 hrs./wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/anth/#ANTH\\_130](http://catalog.jccc.edu/fall/coursedescriptions/anth/#ANTH_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80991 001 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	GEB 338	Huber-Smith M	35 of 35
80992 002 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	GEB 338	Jayaram K	35 of 35
80993 003 F2F	M-W-F--	02:00-02:50 PM	08/18/14-12/12/14	GEB 338	Divney J	35 of 35
80994 004 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	GEB 338	Ediger R	35 of 35
80995 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Jayaram K	25 of 25

## ANTH 130H - HON: World Cultures

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Requirement: Honors department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/anth/#ANTH\\_130H](http://catalog.jccc.edu/fall/coursedescriptions/anth/#ANTH_130H))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81495 01H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## ANTH 134 - Native Americans

This ethnographic course will introduce students to the indigenous peoples and First Nations of North, Central and South America, with particular attention being paid to North America. This course will focus on selected First Nations cultures and societies to examine a wide range of topics including arts, oral traditions, religions, and Indian-White relations. 3 hrs. lecture/wk.

Credit Hours: 3



Outline ([http://catalog.jccc.edu/fall/coursedescriptions/anth/#ANTH\\_134](http://catalog.jccc.edu/fall/coursedescriptions/anth/#ANTH_134))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80996 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	GEB 338	Daley S	35 of 35

## ANTH 142 - World Prehistory

This course is an introduction to the variety and continuity of the prehistoric human past. Through the archaeological record we will consider the evolution of humans, the transition of foraging to farming economies, the rise of complex societies, secondary state formation, and the collapse of complex societies. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/anth/#ANTH\\_142](http://catalog.jccc.edu/fall/coursedescriptions/anth/#ANTH_142))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80997 001 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	GEB 338	Raab A	35 of 35

## ANTH 146 - Archaeology of Ancient North America

This course is an introduction to the indigenous peoples and cultures of ancient North America. Drawing upon archaeological and anthropological perspectives, we will survey the culturally diverse and environmentally complex continent from the first Ice Age peoples through the earliest interactions with Europeans. Key theoretical issues considered in this course include human-environmental interaction, the emergence of complexity, warfare, ritual and religion, trade, and identity. Finally, we will explore how new archaeological evidence and contemporary approaches have changed our perspectives on the peoples and lifeways of ancient North America and impacted our ethical responsibilities to their descendants. 3hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/anth/#ANTH\\_146](http://catalog.jccc.edu/fall/coursedescriptions/anth/#ANTH_146))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80998 001 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	GEB 338	McFarlane W	35 of 35

## ANTH 153 - The Anthropology of the Paranormal & Supernatural

This introductory course will employ various Western and non-Western perspectives, including scientific and popular culture theories, to critically and comparatively examine a wide array of phenomena classified as paranormal or supernatural. Topics to be covered include extra-sensory perception, witchcraft and magic, ghosts, extra-terrestrial beings, and cryptozoological organisms. Lectures, discussions, readings, and films will be used to accomplish the aforementioned, as well as optional trips to local locations associated with the paranormal and supernatural. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/anth/#ANTH\\_153](http://catalog.jccc.edu/fall/coursedescriptions/anth/#ANTH_153))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81001 001 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	GEB 338	Daley S	35 of 35

## Architecture

### ARCH 120 - Introduction to Architecture

This course is an introduction to the profession of architecture through a study of its history, vocabulary, theories and practices. The facets that make up the total architectural curriculum as well as the various professional roles that architects can be expected to perform will be covered. Architectural study is seen as both an art and a science. The interdisciplinary character of architectural practice is emphasized. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$50 to 100

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/arch/#ARCH\\_120](http://catalog.jccc.edu/fall/coursedescriptions/arch/#ARCH_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80303 001 F2F	M-W----	02:00-03:15 PM	08/18/14-12/12/14	ITC 134	Meadows B	12 of 12

Kansas Senate Bill SB 155

80304 002 F2F	-T-R---	10:00-11:15 AM	08/19/14-12/12/14	ITC 134	Miller J	12 of 12
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Kansas Senate Bill SB 155

80931 003 F2F	---R---	06:00-08:45 PM	08/21/14-12/12/14	ITC 134	TBA	12 of 12
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Kansas Senate Bill SB 155

### ARCH 127 - Introduction to Architectural Graphics

This course is designed to build a conceptual and manual foundation for professional architectural education. Students will learn to apply a variety of media and drawing systems such as freehand drawing, architectural lettering and equipment usage. Students will also learn applied geometry including line, tone, texture and utilizing sun, shade and shadows. Multi-view, paraline, axonometric and oblique drawings will be taught and students will build models related to architectural forms. Emphasis will be on learning to think in spatial terms while introducing professional, conceptual and visual vocabulary. Graphic presentation skills will be developed using standard graphic conventions, basic computer skills, and basic material investigations. This course is only offered in the fall semester. 8 hrs. integrated lecture, studio/wk.

Credit Hours: 4

Associated Costs: \$125 to 200

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/arch/#ARCH\\_127](http://catalog.jccc.edu/fall/coursedescriptions/arch/#ARCH_127))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80306 001 F2F	M-W----	10:00-01:45 PM	08/18/14-12/12/14	ITC 134	Miller J	12 of 12
80307 002 F2F	-T-R---	12:00-03:45 PM	08/19/14-12/12/14	ITC 134	Miller J	12 of 12

## ARCH 210 - Design History & Society

The nature of design, even more than the traditional fine arts, responds to and is indeed inseparable from the culture and society in which it exists. This course provides a survey of design history from the nineteenth-century Industrial Revolution to the present, with emphasis on graphic and industrial design and art and architecture, examining the history of design as it corresponds to changes in economics, politics, technology, industrialization, and other societal factors. While focusing on the events and achievements in modern Western cultures there will be selected references to pre-industrial landmarks and developments and a global scope will be examined. Design will be studied as a social practice that contributes to the production, maintenance, and representation of culture and society. The course will focus less on aesthetics than on the cultural milieu in which designers have created images and objects that give physical form to intangible ideas. 3hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/arch/#ARCH\\_210](http://catalog.jccc.edu/fall/coursedescriptions/arch/#ARCH_210))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80302 001 F2F	--W----	06:00-08:45 PM	08/20/14-12/12/14	ITC 134	Meadows B	12 of 12

## ARCH 244 - Architectural History Before the Modern Era

This course will acquaint students with the architecture and ideas of world civilizations from prehistory to the beginning of the Industrial Revolution. Emphasis is on architecture as an integrated element of the development of commercial, technological, and ideological transferences among different regions, nascent religious groups and evolving political enterprises. The course will consider architectural styles and cultures from around the globe. 3hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$25-\$100

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/arch/#ARCH\\_244](http://catalog.jccc.edu/fall/coursedescriptions/arch/#ARCH_244))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80935 001 F2F	-T-R---	04:00-05:15 PM	08/19/14-12/12/14	ITC 134	Meadows B	12 of 12
80938 002 F2F	M-----	06:00-08:45 PM	08/18/14-12/12/14	ITC 134	Meadows B	12 of 12

## ARCH 245 - Architectural History: Modern

This course will investigate the architecture of the Modern Era. The focus of this course is on the principles of design, education of the architect, artistic forces and concepts of the built environment within its historical context. The work of prominent architects and their architectural theories will be covered and analyzed. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$25 to 50

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/arch/#ARCH\\_245](http://catalog.jccc.edu/fall/coursedescriptions/arch/#ARCH_245))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80932 001 F2F	M-W----	04:00-05:15 PM	08/18/14-12/12/14	ITC 134	Meadows B	12 of 12
80934 002 F2F	-T-----	06:00-08:45 PM	08/19/14-12/12/14	ITC 134	Meadows B	12 of 12

## Art

### ART 124 - Design 2D

This is an introductory study of the principles of visual perception, two-dimensional space organization and the visual elements of line, shape, texture and space. Concepts, materials and processes necessary to an understanding of two-dimensional form are explored using traditional and digital tools and techniques. Working knowledge of Adobe Illustrator is required. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisite or corequisite: CDTP 145

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/art/#ART\\_124](http://catalog.jccc.edu/fall/coursedescriptions/art/#ART_124))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82406 001 F2F	M-W----	07:00-09:45 PM	08/18/14-12/12/14	LIB 314	Gurau M	18 of 18
	M-W----	07:00-09:45 PM	08/18/14-12/12/14	LIB 346		
82409 002 F2F	-T-----	01:30-06:50 PM	08/19/14-12/12/14	LIB 342	Gurau M	18 of 18
	-T-----	01:30-06:50 PM	08/19/14-12/12/14	LIB 344		
82410 003 F2F	---R---	01:30-06:50 PM	08/21/14-12/12/14	LIB 342	Hawkins P	18 of 18
	---R---	01:30-06:50 PM	08/21/14-12/12/14	LIB 344		

### ART 127 - Design 3D

This is a study of the function of three-dimensional organization in the development of visual ideas. Concepts, materials and processes necessary to an understanding of the three-dimensional relationships of space, form, form evolution and the dynamics of structure are explored. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisite: ART 124

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/art/#ART\\_127](http://catalog.jccc.edu/fall/coursedescriptions/art/#ART_127))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82412 001 F2F	--W----	08:00-01:20 PM	08/20/14-12/12/14	LIB 311	Shinohara M	16 of 16
	--W----	08:00-01:20 PM	08/20/14-12/12/14	LIB 312		
	--W----	08:00-01:20 PM	08/20/14-12/12/14	LIB 313		
82413 002 F2F	M-----	08:00-01:20 PM	08/18/14-12/12/14	LIB 311	Shinohara M	16 of 16
	M-----	08:00-01:20 PM	08/18/14-12/12/14	LIB 312		
	M-----	08:00-01:20 PM	08/18/14-12/12/14	LIB 313		

## ART 129 - Design Color

This is a study of the nature of color, its physical properties and visual qualities. Basic theories, phenomena and their applications will be explored using pigment, colored paper and digital color systems. Working knowledge of Adobe Photoshop is required. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisite or corequisite: CDTP 135

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/art/#ART\\_129](http://catalog.jccc.edu/fall/coursedescriptions/art/#ART_129))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82415 001 F2F	--W----	08:00-01:20 PM	08/20/14-12/12/14	LIB 314	Nemer T	18 of 18
	--W----	08:00-01:20 PM	08/20/14-12/12/14	LIB 346		
82416 002 F2F	--W----	01:30-06:50 PM	08/20/14-12/12/14	LIB 314	Nemer T	18 of 18
	--W----	01:30-06:50 PM	08/20/14-12/12/14	LIB 346		
82417 003 F2F	-T-----	08:00-01:20 PM	08/19/14-12/12/14	LIB 311	Nemer T	18 of 18
	-T-----	08:00-01:20 PM	08/19/14-12/12/14	LIB 312		
	-T-----	08:00-01:20 PM	08/19/14-12/12/14	LIB 313		

## ART 130 - Drawing I

This is an introductory course with an emphasis on the development of fundamental drawing skills, increased power of observation and an awareness of the personally expressive and compositional aspects of drawing. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$100 to 200

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/art#ART\\_130](http://catalog.jccc.edu/fall/coursedescriptions/art#ART_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80771 001 F2F	M-W----	08:00-10:50 AM	08/18/14-12/12/14	ATB 109	Baab A	22 of 22
80773 002 F2F	-----S-	08:00-01:50 PM	08/23/14-12/12/14	ATB 109	Stewart M	22 of 22
80776 003 F2F	M-W----	06:00-08:50 PM	08/18/14-12/12/14	ATB 109	Kligman M	22 of 22
80777 004 F2F	-T-R---	08:00-10:50 AM	08/19/14-12/12/14	ATB 109	Kira K	22 of 22
80778 005 F2F	-T-R---	12:00-02:50 PM	08/19/14-12/12/14	ATB 109	Kira K	22 of 22
80779 006 F2F	M-W----	03:00-05:50 PM	08/18/14-12/12/14	ATB 109	Kligman M	22 of 22

## ART 131 - Drawing II

This course involves intermediate problems in drawing with emphasis on individual expression based on historical as well as contemporary concerns and approaches in art. Students will work from models, still-life, and conceptual presentations. A variety of media will be explored. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$100 to 200

Prerequisite: ART 130

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/art#ART\\_131](http://catalog.jccc.edu/fall/coursedescriptions/art#ART_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80780 001 F2F	-T-R---	03:00-05:50 PM	08/19/14-12/12/14	ATB 109	Baker D	22 of 22
80774 002 F2F	-----S-	08:00-01:50 PM	08/23/14-12/12/14	ATB 109	Stewart M	22 of 22

## ART 135 - Painting I

This course is an introduction to the basic elements of painting. Students will learn basic painting skills, color properties, color mixing, color relationships, applications and proper use of tools and equipment. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$100 to 200

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/art#ART\\_135](http://catalog.jccc.edu/fall/coursedescriptions/art#ART_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80781 001 F2F	M-W----	03:00-05:50 PM	08/18/14-12/12/14	ATB 101	Carroll J	20 of 20
80782 002 F2F	-T-R---	03:00-05:50 PM	08/19/14-12/12/14	ATB 101	Schell A	20 of 20
80783 003 F2F	-T-R---	06:00-08:50 PM	08/19/14-12/12/14	ATB 101	Schell A	20 of 20

## ART 138 - Digital Imaging for Artists I

This course is an introduction to the use of the computer as a medium for making fine art. The course will emphasize developing the student's skill in making expressive visual statements using computer technology. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$100 to 200

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/art#ART\\_138](http://catalog.jccc.edu/fall/coursedescriptions/art#ART_138))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80784 001 F2F	-T-R---	08:00-10:50 AM	08/19/14-12/12/14	ATB 135	Stewart M	20 of 20
80786 002 F2F	M-W----	12:00-02:50 PM	08/18/14-12/12/14	ATB 135	Thomas J	20 of 20

## ART 142 - Ceramics I

This course is designed to build a conceptual and manual foundation for future ceramics education. Students will study the properties of clay, its preparation, hand and wheel techniques, surface design, firing methods, fundamental ceramic terms, principles of design, introductory ceramic history and orientation to safe practices for the ceramic artist. Emphasis will be on developing skills appropriate to the beginning student for the purpose of creative and technical expression. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$100 to 250

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/art#ART\\_142](http://catalog.jccc.edu/fall/coursedescriptions/art#ART_142))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80788 001 F2F	M-W----	08:00-10:50 AM	08/18/14-12/12/14	ATB 111	Gascogne L	15 of 15
80789 002 F2F	M-W----	12:00-02:50 PM	08/18/14-12/12/14	ATB 111	Whittier C	15 of 15

80791	003 F2F	M-W----	06:00-08:50 PM	08/18/14-12/12/14	ATB 111	Whittier C	15 of 15
80792	004 F2F	-T-R---	06:00-08:50 PM	08/19/14-12/12/14	ATB 111	Haney N	15 of 15
80795	005 F2F	-----S-	08:00-01:50 PM	08/23/14-12/12/14	ATB 111	Haney N	15 of 15
80797	006 F2F	-T-R---	08:00-10:50 AM	08/19/14-12/12/14	ATB 111	Gascogne L	15 of 15

## ART 143 - Ceramics II

This course covers more advanced methods and studio practices in creative ceramic wheel expression and glaze formation. Emphasis is on development of a sense of thrown form and creative decoration or optional creative non-wheel ceramic form development. The course focuses on advanced ceramic form production, aesthetic issues, investigative study and practice. Clay, glaze and firing techniques are investigated in depth. The student acquires a repertoire of studio skills, a deeper awareness of ceramic history and articulated criteria of judgment. Individual interpretation and conceptual development are expected. The study of aesthetics of ceramic form is undertaken. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$100 to 250

Prerequisite: ART 142

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/art#ART\\_143](http://catalog.jccc.edu/fall/coursedescriptions/art#ART_143))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
80798	001 F2F	-T-R---	12:00-02:50 PM	08/19/14-12/12/14	ATB 111	Gascogne L	15 of 15
80790	002 F2F	M-W----	12:00-02:50 PM	08/18/14-12/12/14	ATB 111	Whittier C	15 of 15
80793	003 F2F	M-W----	06:00-08:50 PM	08/18/14-12/12/14	ATB 111	Whittier C	15 of 15
80794	004 F2F	-T-R---	06:00-08:50 PM	08/19/14-12/12/14	ATB 111	Haney N	15 of 15
80796	005 F2F	-----S-	08:00-01:50 PM	08/23/14-12/12/14	ATB 111	Haney N	15 of 15

## ART 145 - Sculpture I

Students will explore and study natural and synthetic sculptural forms as they create work using traditional or contemporary media and techniques. Assignments require work in limestone, clay, wax, bronze, aluminum and steel, and involve carving, modeling and building up. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$50 to 200

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/art#ART\\_145](http://catalog.jccc.edu/fall/coursedescriptions/art#ART_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
80800	001 F2F	M-W----	08:00-10:50 AM	08/18/14-12/12/14	ATB 115	Cowardin M	15 of 15



80801	002 F2F	-T-R---	06:00-08:50 PM	08/19/14-12/12/14	ATB 115	Sandoval A	15 of 15
80803	003 F2F	M-W----	12:00-02:50 PM	08/18/14-12/12/14	ATB 115	Cowardin M	15 of 15

## ART 146 - Sculpture II

This continuation of ART 145 will focus on advanced methods and techniques with emphasis on materials, forms and the student's selection of an individual direction with individual material choices. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$50 to 200

Prerequisite: ART 145

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/art#ART\\_146](http://catalog.jccc.edu/fall/coursedescriptions/art#ART_146))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
80804	001 F2F	-T-R---	12:00-02:50 PM	08/19/14-12/12/14	ATB 115	Cowardin M	15 of 15
80802	002 F2F	-T-R---	06:00-08:50 PM	08/19/14-12/12/14	ATB 115	Sandoval A	15 of 15

## ART 148 - Metal and Silversmithing I

This course is a basic introduction to the terms, tools and techniques involved in creating jewelry and other wearables as they relate to the human figure. Casting, fabrication and construction will be explored. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$50 to 200

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/art#ART\\_148](http://catalog.jccc.edu/fall/coursedescriptions/art#ART_148))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
80805	001 F2F	M-W----	03:00-05:50 PM	08/18/14-12/12/14	ATB 115	Pener S	15 of 15
80807	002 F2F	M-W----	06:00-08:50 PM	08/18/14-12/12/14	ATB 115	Robertson R	15 of 15
80809	003 F2F	-T-R---	08:00-10:50 AM	08/19/14-12/12/14	ATB 115	Pener S	15 of 15
80811	004 F2F	-----S-	12:00-05:50 PM	08/23/14-12/12/14	ATB 115	Robertson R	15 of 15

## ART 149 - Metal and Silversmithing II

Students will study advanced casting and construction techniques. Projects should show a higher degree of design and function. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$50 to 200

Prerequisite: ART 148

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/art#ART\\_149](http://catalog.jccc.edu/fall/coursedescriptions/art#ART_149))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80806 001 F2F	M-W----	03:00-05:50 PM	08/18/14-12/12/14	ATB 115	Pener S	15 of 15
80808 002 F2F	M-W----	06:00-08:50 PM	08/18/14-12/12/14	ATB 115	Robertson R	15 of 15
80810 003 F2F	-T-R---	08:00-10:50 AM	08/19/14-12/12/14	ATB 115	Pener S	15 of 15
80812 004 F2F	-----S-	12:00-05:50 PM	08/23/14-12/12/14	ATB 115	Robertson R	15 of 15

## ART 172 - Watercolor Painting

This course is an introduction to transparent water media with emphasis on learning fundamental painting skills, the visual elements, composition, visual perception and an awareness of personal expression. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$100 to 200

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/art#ART\\_172](http://catalog.jccc.edu/fall/coursedescriptions/art#ART_172))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80813 001 F2F	-T-R---	12:00-02:50 PM	08/19/14-12/12/14	ATB 101	Baker D	20 of 20

## ART 231 - Life Drawing I

This course is an introduction to the basic elements of drawing for students wanting a concentration in drawing the human figure. Students will acquire basic competence in developing drawings involving the human form. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$100 to 200

Prerequisite: ART 130

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/art#ART\\_231](http://catalog.jccc.edu/fall/coursedescriptions/art#ART_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80814 001 F2F	M-W----	12:00-02:50 PM	08/18/14-12/12/14	ATB 109	Carroll J	22 of 22

## ART 232 - Life Drawing II

This course is an intermediate investigation of drawing from the human form. This class is for students wanting to concentrate on figure drawing beyond Life Drawing I. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$100 to 200

Prerequisite: ART 231

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/art#ART\\_232](http://catalog.jccc.edu/fall/coursedescriptions/art#ART_232))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80815 001 F2F	M-W----	12:00-02:50 PM	08/18/14-12/12/14	ATB 109	Carroll J	22 of 22

## ART 238 - Digital Imaging for Artists II

This course is a continued study of skills learned in Digital Imaging for Artists. Students will concentrate on creating personal imagery using digital media. 6 hrs. integrated lecture studio/wk.

Credit Hours: 3

Associated Costs: \$100 to 200

Prerequisite: ART 138

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/art#ART\\_238](http://catalog.jccc.edu/fall/coursedescriptions/art#ART_238))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80785 001 F2F	-T-R---	08:00-10:50 AM	08/19/14-12/12/14	ATB 135	Stewart M	20 of 20
80787 002 F2F	M-W----	12:00-02:50 PM	08/18/14-12/12/14	ATB 135	Thomas J	20 of 20

## ART 244 - Ceramics Workshop I

Students will have the opportunity to pursue advanced individual research under the direction of the instructor. Emphasis is on creative expression and development of technical skills as well as the further pursuit of technical studies that have relevance for emerging personal specializations. Students will conduct a personal program of study on one aesthetic issue that emerges as personally significant and present the outcomes in an appropriate and acceptable manner at the close of the semester. Students should initiate and pursue studies in directions that inform and further their individual professional and creative growth, which leads to invention, innovation and refinement of their personal semester work, as agreed upon with the instructor. This course enables further pursuit of technical studies that have relevance for these emerging personal specializations. Skill refinement, three-dimensional imagination, with increased creative expression and creative product generation are anticipated. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$100 to 250

Prerequisites: ART 143 and department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/art#ART\\_244](http://catalog.jccc.edu/fall/coursedescriptions/art#ART_244))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80799 001 F2F	-T-R---	12:00-02:50 PM	08/19/14-12/12/14	ATB 111	Gascogne L	15 of 15

## ART 291 - Independent Study

Independent study is a directed, structured learning experience offered as an extension of the regular curriculum. It is intended to allow individual students to broaden their comprehension of the principles of and competencies associated with the discipline or program. Its purpose is to supplement existing courses with individualized, in-depth learning experiences. Such learning experiences may be undertaken independent of the traditional classroom setting, but will be appropriately directed and supervised by regular instructional staff. Total contact hours vary based on the learning experience.

Credit Hours: 1

Associated Costs: \$100 to 200

Prerequisite: 2.0 GPA minimum and department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/art#ART\\_291](http://catalog.jccc.edu/fall/coursedescriptions/art#ART_291))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80816 960 F2F	-----	-	08/18/14-12/12/14		TBA	2 of 2

## Art History

### ARTH 180 - Art History: Ancient to Renaissance

This course will acquaint students with the arts and ideas of world civilizations from the prehistoric period to the beginning of the Italian Renaissance. The course will examine the aesthetic elements that mark the styles of major periods in two-dimensional, three-dimensional and architectural works. Particular attention will be paid to the relationship between artistic elements and their various cultural and historical contexts. 3 hrs./wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/arth#ARTH\\_180](http://catalog.jccc.edu/fall/coursedescriptions/arth#ARTH_180))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80749 001 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CC 352	DiCamillo R	35 of 35
80751 002 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CC 352	DiCamillo R	35 of 35

80752	003 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CC 352	Kauten H	35 of 35
80753	350 ONLINE	-----	-	08/18/14-12/12/14	Online	Newlands J	25 of 25
82348	351 ONLINE	-----	-	08/18/14-12/12/14	Online	Dolembo M	25 of 25

## ARTH 180H - HON: Art History: Ancient to Renaissance

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Requirement: Honors department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/arth/#ARTH\\_180H](http://catalog.jccc.edu/fall/coursedescriptions/arth/#ARTH_180H))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
81496	01H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## ARTH 182 - Art History: Renaissance to Modern

This course will acquaint students with the arts and ideas of Western cultures from the beginning of the Italian Renaissance to the present. The course will examine the aesthetic elements that mark the styles of major periods in two-dimensional, three-dimensional and architectural works. Particular attention will be paid to the relationship between artistic elements and their various cultural and historical contexts. 3 hrs./wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/arth/#ARTH\\_182](http://catalog.jccc.edu/fall/coursedescriptions/arth/#ARTH_182))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
80754	001 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CC 352	Zell V	35 of 35
80755	002 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	CC 352	Zell V	35 of 35
80756	003 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CC 352	Smith A	35 of 35
80757	004 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	CC 352	Smith A	35 of 35
80759	201 F2F	-T-----	06:00-09:00 PM	09/02/14-12/12/14	CC 352	DiCamillo R	35 of 35
80760	350 ONLINE	-----	-	08/18/14-12/12/14	Online	Newlands J	25 of 25

## ARTH 182H - HON: Art History: Renaissance to Modern

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Requirement: Honors department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/arth/#ARTH\\_182H](http://catalog.jccc.edu/fall/coursedescriptions/arth/#ARTH_182H))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81497 02H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## ARTH 184 - Art History: Twentieth Century

This course introduces the student to the arts and ideas of Western Europe and the United States from the late 19th century to the present. The course will examine the aesthetic elements that mark the styles of major movements in two-dimensional, three-dimensional and architectural works. Particular attention will be paid to the relationship between artistic elements and their various cultural and historical contexts. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/arth/#ARTH\\_184](http://catalog.jccc.edu/fall/coursedescriptions/arth/#ARTH_184))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80762 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CC 352	Zell V	35 of 35
80764 002 F2F	----F--	05:00-08:00 PM	08/22/14-09/21/14	 NEL ART	Wiklund A	16 of 16
	----S-	10:00-01:30 PM	08/23/14-09/21/14	CC 352		
	-----U	12:00-03:30 PM	08/24/14-09/21/14	CC 352		
80765 350 ONLNE	-----	-	08/18/14-12/12/14	Online	Smith A	25 of 25

## ARTH 184H - HON: Art History: Twentieth Century

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Requirement: Honors department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/arth/#ARTH\\_184H](http://catalog.jccc.edu/fall/coursedescriptions/arth/#ARTH_184H))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81498 03H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## ARTH 186 - Art History: Introduction to Asian Art

This course will acquaint students with the arts and ideas that arose in India, China and Japan from the prehistoric to the early modern periods. The course will examine the aesthetic elements that mark the styles of major periods in two-dimensional, three-dimensional and architectural works. Particular attention will be paid to the relationship between artistic elements and their various cultural and historical contexts. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/arth/#ARTH\\_186](http://catalog.jccc.edu/fall/coursedescriptions/arth/#ARTH_186))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80767 001 F2F	---R---	06:00-09:00 PM	09/04/14-12/12/14	CC 352	Dolembo M	35 of 35
80769 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Dolembo M	25 of 25

## American Sign Language

### ASL 120 - Elementary American Sign Language I

This class will focus on the development of beginning American Sign Language communication skills. Comprehension skills and linguistic features of the language taught in context will be emphasized. A minimum grade of "C" is required to continue in the ASL program. 6 hrs. integrated lecture/lab/wk. ASL 120 and FL 180 are the same course. Do not enroll in both.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/asl/#ASL\\_120](http://catalog.jccc.edu/fall/coursedescriptions/asl/#ASL_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82474 001 F2F	M-W-F--	01:00-03:40 PM	08/18/14-12/12/14	GEB 311	Kuhns K	15 of 15
82492 002 F2F	M-W----	06:00-08:50 PM	08/18/14-12/12/14	LIB 353B	Gabel S	15 of 15

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82502 003 F2F -T-R--- 11:00-01:50 PM 08/19/14-12/12/14 GEB 217 Clark K 15 of 15

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82504 004 F2F -T-R--- 02:00-04:50 PM 08/19/14-12/12/14 GEB 215 Kuhns K 15 of 15

Kansas Senate Bill SB 155

82506 005 F2F -T-R--- 06:00-08:50 PM 08/19/14-12/12/14 GEB 215 Bader A 15 of 15

Kansas Senate Bill SB 155

## ASL 121 - Elementary American Sign Language II

This course will focus on continued development of elementary American Sign Language skills beyond those taught in Elementary ASL I. Students will work on developing communication competencies, concentrating on comprehension and production skills. Information about the linguistic and cultural features will be included in the context of language learning experiences. 6 hrs. integrated lecture/lab/wk. ASL 121 and FL 181 are the same course. Do not enroll in both.

Credit Hours: 3

Prerequisite: ASL 120 or FL 180. All prerequisites require a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/asl/#ASL\\_121](http://catalog.jccc.edu/fall/coursedescriptions/asl/#ASL_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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82509 001 F2F	M-W-F--	02:00-03:50 PM	08/18/14-12/12/14	GEB 215	Clark K	15 of 15
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82511 002 F2F	-T-R---	06:00-08:50 PM	08/19/14-12/12/14	CC 229	Gwynn T	15 of 15
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## ASL 122 - Intermediate American Sign Language I

This course will focus on the development of intermediate American Sign Language communication skills. Comprehension skills and linguistic features of the language taught in context will be emphasized. 6 hrs. integrated lecture/lab/wk. The daytime sections only are open to students in the interpreter training program. INTR 122, FL 270 and ASL 122 are the same courses; only enroll in one.

Credit Hours: 3

Associated Costs: \$10 to 20

Prerequisites: ASL 121 or FL 181. All prerequisites require a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/asl/#ASL\\_122](http://catalog.jccc.edu/fall/coursedescriptions/asl/#ASL_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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82514 001 F2F	M-W----	06:00-08:50 PM	08/18/14-12/12/14	GEB 215	Gwynn T	15 of 15
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## ASL 123 - Intermediate American Sign Language II

The course will continue study of intermediate American Sign Language. It is designed to develop further intermediate communication skills in American Sign Language. Information about the linguistic and cultural features will be included in the context of language learning experiences. 6 hrs. integrated lecture-lab/ wk. The daytime sections are open only to students in the interpreter training program. INTR 123, FL 271 and ASL 123 are the same courses; only enroll in one.

Credit Hours: 3

Associated Costs: \$10 to 20

Prerequisites: INTR 122 or ASL 122 or FL 270. All prerequisites require a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/asl/#ASL\\_123](http://catalog.jccc.edu/fall/coursedescriptions/asl/#ASL_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82516 001 F2F	M-W----	06:00-08:50 PM	08/18/14-12/12/14	GEB 311	Goben B	15 of 15

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## ASL 145 - Introduction to the Deaf Community

This course will prepare students to develop and recognize the diversity within the Deaf Community, significant events and figures in Deaf History, and basic norms and values of Deaf Culture. Students will examine and compare Deaf Culture and hearing culture in America. The daytime sections are open only to students in the interpreter training program. 3 hrs./wk. INTR 145 and ASL 145 are the same course; do not enroll in both.

Note: INTR 145 and ASL 145 are the same course; do not enroll in both

Credit Hours: 3

Associated Costs: \$10 to 50

Prerequisites or Corequisite: ASL 120 or FL 180 with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/asl/#ASL\\_145](http://catalog.jccc.edu/fall/coursedescriptions/asl/#ASL_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82519 001 F2F	-T-R---	06:00-07:20 PM	08/19/14-12/12/14	GEB 311	Gwynn M	25 of 25

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## ASL 147 - Fingerspelling I

Students will work on developing beginning expressive and receptive fingerspelling skills based on word recognition

principles. 3 hrs. integrated lecture/lab/wk. The daytime sections are open only to students in the interpreter training program. INTR 147 and ASL 147 are the same course; do not enroll in both.

Note: INTR 147 and ASL 147 are the same course; do not enroll in both

Credit Hours: 2

Prerequisites: ASL 121 or FL 181 with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/asl/#ASL\\_147](http://catalog.jccc.edu/fall/coursedescriptions/asl/#ASL_147))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82520 001 F2F	-T-R---	07:30-08:50 PM	08/19/14-12/12/14	GEB 311	Gwynn M	25 of 25

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## Astronomy

### ASTR 120 - Fundamentals of Astronomy

This course is a study of the universe from the earth, moon and planets to the stars and the most distant galaxies. Topics include black holes, quasars, and the origin of the universe and the possibility of life on other planets. Current astronomical discoveries are discussed in class as they occur. Access to astronomical Web sites is available to students in this course. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/astr/#ASTR\\_120](http://catalog.jccc.edu/fall/coursedescriptions/astr/#ASTR_120))

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
81009 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Koch W	28 of 28

Note: Students not logging in within the first two weeks may be dropped for non-attendance. The textbook and all course materials are provided for free online. All assignments and exams are submitted online.

81010 351 ONLINE	-----	-	08/18/14-12/12/14	Online	Koch W	28 of 28
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Note: Students not logging in within the first two weeks may be dropped for non-attendance. The textbook and all course materials are provided for free online. All assignments and exams are submitted online.

81011 352 ONLINE	-----	-	08/18/14-12/12/14	Online	Koch W	28 of 28
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Note: Students not logging in within the first two weeks may be dropped for non-attendance. The textbook and all course materials are provided for free online. All assignments and exams are submitted online.

82370 353 ONLINE	-----	-	09/01/14-12/12/14	Online	Patterson J	12 of 12
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Note: Students not logging in within the first two weeks may be dropped for non-attendance. The textbook and all course materials are provided for free online. All assignments and exams are submitted online.

## ASTR 122 - Astronomy

This course is a study of the universe from the earth, moon, and planets to the stars and the most distant galaxies. Topics include black holes, quasars, and the origin of the universe and the possibility of life on other planets. Current astronomical discoveries are discussed in class as they occur. Access to astronomical Web sites is available to students in this course. 3 hrs. lecture, 3 hrs. lab/wk., 5 nighttime telescope sessions are required.

Credit Hours: 4

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/astr/#ASTR\\_122\)](http://catalog.jccc.edu/fall/coursedescriptions/astr/#ASTR_122)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
81012 001 F2F	Lab M-----	09:00-10:50 AM	08/18/14-12/12/14	CLB 411	Koch W	24 of 24
	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CLB 405		
81013 002 F2F	M-W-F--	02:00-02:50 PM	08/18/14-12/12/14	CLB 405	Koch W	24 of 24
	Lab ----F--	12:00-01:50 PM	08/22/14-12/12/14	CLB 411		
81014 003 F2F	-T-----	08:00-08:50 AM	08/19/14-12/12/14	CLB 405	Patterson J	24 of 24
	Lab -T-----	09:00-10:50 AM	08/19/14-12/12/14	CLB 411		
	---R---	08:00-09:50 AM	08/21/14-12/12/14	CLB 405		
81017 004 F2F	-T-----	01:00-01:50 PM	08/19/14-12/12/14	CLB 405	Patterson J	24 of 24
	Lab -T-----	02:00-03:50 PM	08/19/14-12/12/14	CLB 411		
	---R---	01:00-02:50 PM	08/21/14-12/12/14	CLB 405		
81022 005 F2F	M-----	06:00-07:50 PM	08/18/14-12/12/14	CLB 405	Patterson J	24 of 24
	--W----	06:00-06:50 PM	08/20/14-12/12/14	CLB 405		
	Lab --W----	07:00-08:50 PM	08/20/14-12/12/14	CLB 411		

## ASTR 214 - Introduction to Teaching Math and Science I

This course allows math and science students to explore and develop an appreciation for teaching as a career. To support their learning, students will be introduced to the theory and practice that is necessary to design and deliver quality instruction. They will plan and implement lessons of an inquiry-based curriculum in an elementary classroom during the semester. ASTR 214, MATH 214, BIOL 214, CHEM 214, GEOS 214, PHYS 214 and PSCI 214 are the same course; enroll in only one. 1.25 hrs. lecture/wk.

Credit Hours: 1

Prerequisites: MATH 171 with a grade of "C" or higher OR appropriate score on the math placement test OR department approval

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/astr/#ASTR\\_214\)](http://catalog.jccc.edu/fall/coursedescriptions/astr/#ASTR_214)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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## Automotive Technology

### AUTO 120 - Basic Automobile Operation and Maintenance

This is a beginning level class for non-automotive majors, designed to introduce students to the basic function, operation and care of modern automobiles. Upon completion they should be able to discuss safe operation of a passenger car in everyday circumstances in including emergency situations. Students should be able to locate and understand information regarding repair and maintenance of modern automobiles. Safe practices while using basic hand tools, chemicals and jacks will be included in this course. After determining fair market costs and economic feasibility students will be able to determine whether to repair or replace an automobile. Students should be able to decide whether to attempt repairs themselves or to have them performed by a professional. Also, the basic costs of insuring and operating an automobile will be discussed. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO\\_120](http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80697 001 F2F	M-----	02:00-04:40 PM	08/18/14-12/12/14	ATB 129	TBA	20 of 20

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### AUTO 121 - Small Engine Service

Upon successful completion of this course, the student should be able to compare and contrast operating principles of two-stroke and four-stroke cycle engines. The student should be able to describe lubricating, cooling, fuel and governor systems; troubleshoot engine problems; inspect engine components; and service the fuel, cooling and exhaust systems. The student will be required to provide ANSI Z87 safety glasses and may be expected to provide other basic hand tools and/or equipment. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$40 to 300

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO\\_121](http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82750 001 F2F	M-----	06:00-08:40 PM	08/18/14-12/12/14	ATB 183	TBA	15 of 15
	----F--	07:00-08:40 PM	08/22/14-12/12/14	ATB 129		

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### AUTO 122 - Introduction to Automotive Glass

Upon successful completion of this course, the student should be able to diagnose, service and repair various automotive glass problems, provide professional service to customers, and manage and supervise jobs and employees. The student will be required to provide ANSI Z87 safety glasses and may be expected to provide other basic hand tools and /or equipment. 2 hrs. lecture, 1 1/2 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$40 to 300

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO\\_122](http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80698 001 F2F	---R---	06:00-07:40 PM	08/21/14-12/12/14	ATB 183	Yetter J	15 of 15
	---R---	07:45-09:15 PM	08/21/14-12/12/14	ATB 183		

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## AUTO 123 - Motorcycle Maintenance and Repair

Upon successful completion of this course, the student should be able to demonstrate the proper use of tools and equipment used in servicing motorcycles. Two-stroke and four-stroke cycle designs will be studied. Overhaul procedures will be demonstrated. The student will be required to provide ANSI Z87 safety glasses and may be expected to provide other basic hand tools and/or equipment. 1 hr. lecture, 3 hrs. lab/wk.

Credit Hours: 2

Associated Costs: \$40 to 300

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO\\_123](http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80699 001 F2F	-----S-	08:00-08:50 AM	08/23/14-12/12/14	ATB 183	Brown W	15 of 15
	-----S-	09:00-11:40 AM	08/23/14-12/12/14	ATB 183		

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## AUTO 125 - Introduction to Automotive Shop Practices

This course is an introductory course required for all students in the Automotive Technology program. Upon successful completion of this course, the student should be able to develop shop safety habits and become proficient in tire, battery, cooling system, lubrication service and minor electrical diagnosis. Emphasis will be placed on learning basic skills needed to enter advanced automotive classes. The student will be required to provide American National Standards Institute (ANSI) Z87 safety glasses and is expected to provide other basic hand tools and/or equipment. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$40 to 300

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO\\_125](http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80700 376 HYB	-T-----	12:00-01:40 PM	08/19/14-12/12/14	ATB 129	TBA	15 of 15
	---R---	11:00-01:40 PM	08/21/14-12/12/14	ATB 190		
Kansas Senate Bill SB 155						
80701 377 HYB	-----S-	08:00-10:40 AM	08/23/14-12/12/14	ATB 190	TBA	15 of 15
	-----S-	11:00-01:40 PM	08/23/14-12/12/14	ATB 129		
Kansas Senate Bill SB 155						
80702 378 HYB	-T-----	06:00-08:40 PM	08/19/14-12/12/14	ATB 190	TBA	15 of 15
	---R---	07:00-08:40 PM	08/21/14-12/12/14	ATB 127		

Kansas Senate Bill SB 155

## AUTO 129 - Brakes I

Students will perform system pressure and travel calculations utilizing Pascal's Law, complete service work orders, determine appropriate system pressure tests utilizing service specifications, determine brake system concerns and necessary actions, diagnose poor stopping, pulling or dragging concerns caused by malfunctions in the hydraulic system, determine how to inspect, fabricate and/or replace brake lines and hoses, determine the service specifications pertaining to the removal, cleaning and refinishing procedures on brake drums, apply drum brake repair and replacement procedures, diagnose poor stopping, noise, vibration, pulling, grabbing, dragging or pedal pulsation concerns on disc-brake vehicles, determine disc brake repair and replacement procedures, determine how to accomplish caliper piston retractions, diagnose wheel bearing noise, wheel shimmy and vibration concerns, and determine how to remove, inspect and replace bearing and hub assemblies through a variety of classroom and lab/shop learning and assessment activities. 2 hrs. lecture 3 hrs. instructional lab/wk.

Credit Hours: 3

Associated Costs: \$400

Prerequisite or corequisite: AUTO 125 AND Corequisite: AUTO 131

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO\\_129](http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO_129))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80704 376 HYB	--W----	08:00-10:40 AM	08/20/14-12/12/14	ATB 190	TBA	18 of 18
	----F--	08:00-09:40 AM	08/22/14-12/12/14	ATB 129		
Kansas Senate Bill SB 155						
80705 377 HYB	M-----	06:00-07:40 PM	08/18/14-12/12/14	ATB 129	TBA	18 of 18
	--W----	06:00-08:40 PM	08/20/14-12/12/14	ATB 192		

Kansas Senate Bill SB 155

## AUTO 131 - Brakes II

Students will determine necessary brake system correction, conduct system pressure tests utilizing service specifications, perform diagnosis and correction for poor stopping, pulling or dragging concerns caused by malfunctions in the hydraulic system, conduct inspection, fabrication and/or replacement of brake lines and hoses, diagnose poor stopping noise vibration, pulling, grabbing, dragging or pedal pulsation concerns, perform service specifications pertaining to the removal, cleaning and refinishing procedures on brake drums, perform drum brake repair and replacement procedures, diagnose poor stopping noise vibration, pulling, grabbing, dragging or pedal pulsation concerns, perform disc brake repair and replacement procedures, machine rotor according to service specifications, perform caliper piston retraction where applicable, inspect and test power assist systems, determine necessary action on wheel bearing noise, wheel shimmy and vibration concern diagnoses, and perform the removal, inspection and replacement of bearing and hub assemblies. 3 hrs. instruction lab/wk.

Credit Hours: 1

Associated Costs: \$0 to 400

Prerequisite or corequisite: AUTO 125 AND Corequisite: AUTO 129

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO\\_131](http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80707 376 HYB	M-----	08:00-10:40 AM	08/18/14-12/12/14	ATB 190	TBA	18 of 18
Kansas Senate Bill SB 155						
80708 377 HYB	----F--	06:00-08:40 PM	08/22/14-12/12/14	ATB 190	TBA	18 of 18
Kansas Senate Bill SB 155						

## AUTO 156 - Electrical I

Students will complete service work orders; describe the relationship between voltage, ohms and amperage; perform basic electrical circuit repairs; identify electrical system faults; identify basic wiring diagram symbols, components, and legend information; perform basic electrical circuit measurements using a DVOM; describe basic circuit characteristics of series, parallel and series parallel circuits through a variety of classroom and shop learning and assessment activities. 2 hrs. lecture, 3 hrs. instructional lab/wk.

Credit Hours: 3

Associated Costs: \$0 to 400

Prerequisite or corequisite: AUTO 125

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO\\_156](http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO_156))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80710 376 HYB	-T-----	08:00-09:40 AM	08/19/14-12/12/14	ATB 129	TBA	18 of 18
	---R---	08:00-10:40 AM	08/21/14-12/12/14	ATB 182		

80712	378 HYB	M-----	06:00-08:40 PM	08/18/14-12/12/14	ATB 182	Fort R	18 of 18
		--W----	06:00-07:40 PM	08/20/14-12/12/14	ATB 129		

## AUTO 165 - Automotive Engine Repair

Upon successful completion of this course, the student should be able to demonstrate an understanding of the four-stroke cycle internal combustion engine. Students should be able to diagnose and repair cylinder heads and cylinder block assemblies to include lubrication and cooling systems. The student will be required to provide ANSI Z87 safety glasses and may be expected to provide other basic hand tools and/or equipment. 2 hrs. lecture, 6 hrs. lab/wk.

Credit Hours: 4

Associated Costs: \$0 to 1500

Prerequisite or corequisite: AUTO 125 or department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO\\_165](http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO_165))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
80713	376 HYB	M-----	08:00-09:40 AM	08/18/14-12/12/14	ATB 129	TBA	14 of 14
		--W-F--	08:00-10:40 AM	08/20/14-12/12/14	ATB 185		

80714	377 HYB	M-W----	06:00-08:40 PM	08/18/14-12/12/14	ATB 185	TBA	14 of 14
		----F--	06:00-07:40 PM	08/22/14-12/12/14	ATB 127		

## AUTO 201 - ASE Certification Seminar

This course will prepare students to take any of the eight basic National Institute for Automotive Service Excellence (ASE) automotive certification tests. 1 hr. lecture/wk.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO\\_201](http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO_201))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
80716	350 ONLINE	-----	-	08/18/14-12/12/14	Online	TBA	14 of 14

## AUTO 205 - Engine Performance II



Upon successful completion of this course, the student should be able to describe the operation of engine management systems to include: general engine diagnosis, computerized engine controls diagnosis and repair, fuel, air induction, and exhaust diagnosis and repair, and emissions control systems diagnosis and repair. The student will be required to provide ANSI Z87 safety glasses and will be expected to provide other basic hand tools and/or equipment. 2 hrs. lecture, 3 hrs. instructional lab/wk.

Credit Hours: 3

Associated Costs: \$0 to 400

Prerequisite: AUTO 161 and AUTO 165

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO\\_205](http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80719 376 HYB	M-----	02:00-04:40 PM	08/18/14-12/12/14	ATB 190	TBA	18 of 18
	----F--	02:00-03:40 PM	08/22/14-12/12/14	ATB 129		
Kansas Senate Bill SB 155						
80720 377 HYB	-T-----	06:00-07:40 PM	08/19/14-12/12/14	ATB 129	TBA	18 of 18
	---R---	06:00-08:40 PM	08/21/14-12/12/14	ATB 190		

Kansas Senate Bill SB 155

## AUTO 208 - Electrical III

Upon successful completion of this course, the student should be able to diagnose general electrical system problems, diagnose and repair lighting systems, gauges, warning devices, horns, wiper and washer systems, and accessories. The student will be required to provide ANSI Z87 safety glasses and will be expected to provide other basic hand tools and/or equipment. 1 hr. lecture, 6 hrs. instructional lab/wk.

Credit Hours: 3

Associated Costs: \$0 to 400

Prerequisites: AUTO 165 and AUTO 166

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO\\_208](http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO_208))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80722 376 HYB	--W-F--	02:00-04:40 PM	08/20/14-12/12/14	ATB 190	TBA	18 of 18
	----F--	01:00-01:50 PM	08/22/14-12/12/14	ATB 129		
Kansas Senate Bill SB 155						
80723 377 HYB	M-W----	06:00-08:40 PM	08/18/14-12/12/14	ATB 190	TBA	18 of 18
	----F--	06:00-06:50 PM	08/22/14-12/12/14	ATB 129		

Kansas Senate Bill SB 155

80724 378 HYB -T-R--- 08:00-10:40 AM 08/19/14-12/12/14 ATB 190 TBA 18 of 18

-T----- 11:00-11:50 AM 08/19/14-12/12/14 ATB 183

Kansas Senate Bill SB 155

## AUTO 209 - Manual Drive Train and Axles

Upon successful completion of this course, the student should be able to work safely in the shop; perform manual transmission/transaxle diagnosis and repair; clutch diagnosis and repair; drive shaft, half-shaft, universal and constant velocity joint diagnosis and repair; and four wheel drive/all wheel drive diagnosis and repair. The student will be required to provide ANSI Z87 safety glasses and may be expected to provide other basic hand tools and/or equipment. 3 hrs. lecture, 3 hrs. instructional lab

Credit Hours: 4

Associated Costs: \$0 to 400

Prerequisite: AUTO 156

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO\\_209](http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO_209))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80726 378 HYB	-T-----	06:00-08:40 PM	08/19/14-12/12/14	ATB 182	Brown W	18 of 18
	---R---	06:00-08:40 PM	08/21/14-12/12/14	ATB 129		

Kansas Senate Bill SB 155

80727 378 HYB	M-----	02:00-04:40 PM	08/18/14-12/12/14	ATB 182	Brown W	18 of 18
	--W----	02:00-04:40 PM	08/20/14-12/12/14	ATB 129		

Kansas Senate Bill SB 155

## AUTO 210 - Advanced Engine Repair

Upon successful completion of this course, the student should be able to plan, design, and build a performance engine. The student will also demonstrate knowledge of the relationships between displacement, horsepower and torque; regulations governing performance engines; and current trends in engine modification. The student will be required to provide ANSI Z87 safety glasses and may be expected to provide other basic hand tools and/or equipment. 1 hr. lecture, 6 hrs. lab/wk. This course is taught in the fall semester

Credit Hours: 3

Associated Costs: \$0 to 3000

Prerequisite: AUTO 165

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO\\_210](http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO_210))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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Kansas Senate Bill SB 155

## AUTO 271 - Automotive Technology Internship

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. The internship will provide advanced students on-the-job experience under the supervision of professionals in the industry. The work will be developed cooperatively with area employers, college staff and each student to provide a variety of actual job experiences directly related to the student's career goals. 1 hr. lecture, 15 hrs. work min./wk

Credit Hours: 3

Prerequisite: Department approval required

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO\\_271](http://catalog.jccc.edu/fall/coursedescriptions/auto/#AUTO_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80729 500 INT	-----	-	08/18/14-12/12/14	ATB	Brown W	10 of 10

Kansas Senate Bill SB 155

## Cosmetology

### AVCO 102 - Nail Technology


This course provides skill instruction in determining nail disorders and care as well as the artistic application of tips, overlays and sculptured nails. Upon successful completion, students are prepared to take the Kansas State Board of Cosmetology onychology examination. 350 contact hrs. For enrollment information, call 913-469-8500 ext. 2390. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee. This course is not federal aid eligible.

Note: For enrollment and tuition information, call 913-469-8500, ext. 2390.

Credit Hours: 17

Associated Costs: \$145 to 150

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/avco/#AVCO\\_102](http://catalog.jccc.edu/fall/coursedescriptions/avco/#AVCO_102))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80689 203 F2F	MTWRF--	08:00-05:00 PM	08/18/14-09/12/14	 WPK 108	Rodriguez C	6 of 6

M----- 08:00-05:00 PM 09/15/14-10/20/14 🚗 WPK 108

-TWRF-- 08:00-05:00 PM 09/16/14-10/24/14 🚗 WPK 101

Kansas Senate Bill SB 155

Requirement: selective admission approval

80694 204 F2F MTWRF-- 08:00-05:00 PM 10/06/14-10/31/14 🚗 WPK 108 Rodriguez C 6 of 6

M----- 08:00-05:00 PM 11/03/14-12/08/14 🚗 WPK 108

-TWRF-- 08:00-05:00 PM 11/04/14-12/12/14 🚗 WPK 101

Kansas Senate Bill SB 155

Requirement: selective admission approval

80975 205 F2F MTWR--- 05:30-09:30 PM 07/28/14-09/11/14 🚗 WPK 108 Rodriguez C 6 of 6

----S- 09:00-01:00 PM 08/02/14-09/13/14 🚗 WPK 108

M----- 05:30-09:30 PM 08/04/14-12/08/14 🚗 WPK 108

-TWR--- 05:30-09:30 PM 08/05/14-12/11/14 🚗 WPK 101

----S- 09:00-01:00 PM 09/20/14-12/06/14 🚗 WPK 101

Kansas Senate Bill SB 155

Requirement: selective admission approval

## AVCO 110 - Introduction to Cosmetology

This course provides skill instruction in shampooing, cutting, shaping, curling and coloring. Also included is curriculum from Nail Technology and Cosmetology Technician I and II. The first 500 contact hours are in the basic lab and the classroom without client contact. 500 contact hrs. For enrollment information, call 913-469-8500 ext. 2390. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee.

Note: For enrollment and tuition information, call 913-469-8500, ext. 2390.

Credit Hours: 21

Associated Costs: \$28 to 38

Prerequisite: Selective Admission Approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/avco/#AVCO\\_110](http://catalog.jccc.edu/fall/coursedescriptions/avco/#AVCO_110))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80660 200 F2F	MTWRF--	08:00-05:00 PM	09/02/14-12/02/14	🚗 WPK 133	Beach M	14 of 14
	MTWRF--	08:00-05:00 PM	12/03/14-12/12/14	🚗 WPK 101		

Kansas Senate Bill SB 155

Requirement: selective admission approval

## AVCO 112 - Clinical Cosmetology

This course provides continuing skill instruction in shampooing, cutting, shaping, curling and coloring. Included is an introduction to client relations skills and sales promotion techniques. Instruction includes classroom and salon. Total 500 contact hrs. For enrollment and tuition information, call 913-469-8500, ext.2390. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee.

Note: For enrollment and tuition information, call 913-469-8500 ext. 2390.

Credit Hours: 12

Prerequisite: Selective Admission Approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/avco/#AVCO\\_112](http://catalog.jccc.edu/fall/coursedescriptions/avco/#AVCO_112))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80662 200 F2F	MT-----	08:00-05:00 PM	09/02/14-12/02/14	 WPK 177	Beach M	12 of 12
	--W-F--	08:00-05:00 PM	09/03/14-12/03/14	 WPK 101		
	---R---	11:00-08:00 PM	09/04/14-11/20/14	 WPK 101		
	MTWRF--	08:00-05:00 PM	12/04/14-12/12/14	 WPK 101		

Kansas Senate Bill SB 155

Requirement: selective admission approval

## AVCO 114 - Advanced Cosmetology

This course provides advanced instruction in shampooing, cutting, shaping, curling and coloring. This course prepares the student for the Kansas State Board of Cosmetology examination. Total. 500 contact hrs. For enrollment and tuition information, call 913-469-8500, ext. 2390. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee.

Note: For enrollment and tuition information, call 913-469-8500, ext. 2390.

Credit Hours: 12

Associated Costs: \$159

Prerequisites: AVCO 110 with a min grade of "C" or higher and selective admission approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/avco/#AVCO\\_114](http://catalog.jccc.edu/fall/coursedescriptions/avco/#AVCO_114))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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80666	200 F2F	-TW-F--	08:00-05:00 PM	09/02/14-12/05/14	WPK 101	McAnerney C Beach M	12 of 12
		---R---	11:00-08:00 PM	09/04/14-12/04/14	WPK 101		
		M-----	08:00-05:00 PM	09/08/14-12/01/14	WPK 129		
		MTWRF--	08:00-05:00 PM	12/08/14-12/12/14	WPK 101		

Kansas Senate Bill SB 155

Requirement: selective admission approval

## AVCO 212 - Cosmetology Instructor Training

This 300 contact hour course is design to meet the educational requirements for licensure by Kansas Board of Cosmetology for instructors in the cosmetology sciences. Students will attend 40 hours of lecture and participate in 260 hours of observation, clinic supervision, and classroom teaching. Topics covered include instructor characteristics, student motivation, methods and evaluation. 300 contact hrs. For enrollment information call 913-469-8500 ext. 2390. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. This course is not federal aid eligible. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee.

Note: For enrollment and tuition information, call 913-469-8500, ext. 2390.

Credit Hours: 9

Associated Costs: \$90 to 100

Prerequisites: Current Kansas Cosmetology, Esthetics or Nail Technology License. Minimum of one year of practice in trained area and selective admission approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/avco/#AVCO\\_212](http://catalog.jccc.edu/fall/coursedescriptions/avco/#AVCO_212))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
80685	212 F2F	M-----	08:00-12:00 PM	08/25/14-12/12/14	WPK 129	McAnerney C Beach M	6 of 6

Kansas Senate Bill SB 155

Requirement: selective admission approval

## Health Occupations

### AVHO 102 - Certified Nurse Aide (CNA)

This course provides classroom and clinical instruction for the primary care of clients in long-term and acute- care facilities. Students learn skills for daily hygiene, bedside care, vital sign measurement, positioning and safe transfer of clients. The class prepares and schedules the student to take the Kansas CNA examination. 45 contact hrs. For additional information go to the jccc.edu web page: click on classes; click on credit class search; click the semester; course prefix is AVHO Health Occupations. Click on CRN number for information. For more information, go to

<http://www.jccc.edu/nursing/nurse-aide/>. (<http://www.jccc.edu/nursing/nurse-aide/>.) Enrollment in this course requires a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses, and is due prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee.




Note: Documentation of current TB skin test- negative results within the last year, current CPR for Health Care Providers and a Social Security Card are required by the first day of class.

Credit Hours: 5

Associated Costs: \$20 to 110

Prerequisite: ENGL 121 with a grade of "C" or higher or a Compass reading test score of 64 or higher or an ACT Reading score of 19 or higher. All test scores must be current within the past two years.


Outline ([http://catalog.jccc.edu/fall/coursedescriptions/avho/#AVHO\\_102](http://catalog.jccc.edu/fall/coursedescriptions/avho/#AVHO_102))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82668 001 F2F	M---F--	08:30-03:30 PM	08/18/14-10/10/14	 OHEC 231	Horst K	10 of 10
Kansas Senate Bill SB 155 Note:Registration for this course will not begin until 8:00 a.m., on Friday, April 25th. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html">http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html</a> ) before April 25th to ensure enrollment eligibility. Requirement: unavailable						
82669 002 F2F	M---F--	08:30-03:30 PM	10/13/14-12/05/14	 OHEC 231	Horst K	10 of 10
Kansas Senate Bill SB 155 Note:Registration for this course will not begin until 8:00 a.m., on Friday, April 25th. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html">http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html</a> ) before April 25th to ensure enrollment eligibility. Requirement: unavailable						
82670 003 F2F	M-W-F--	08:30-03:30 PM	08/18/14-09/26/14	 LCS 09	Schaffer B	10 of 10
Kansas Senate Bill SB 155 Note:Registration for this course will not begin until 8:00 a.m., on Friday, April 25th. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html">http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html</a> ) before April 25th to ensure enrollment eligibility. Requirement: unavailable						
82671 004 F2F	MTWR---	08:00-03:50 PM	08/18/14-09/11/14	 OHEC 233	Green S	10 of 10
Kansas Senate Bill SB 155 Note:Registration for this course will not begin until 8:00 a.m., on Friday, April 25th. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html">http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html</a> ) before April 25th to ensure enrollment eligibility. Requirement: unavailable						
82672 005 F2F	-T-R---	05:00-08:00 PM	08/19/14-12/11/14	 LCS 09	Pravecek C	10 of 10
Kansas Senate Bill SB 155 Note:Registration for this course will not begin until 8:00 a.m., on Friday, April 25th. Students MUST view CNA Enrollment Tips						

(<http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html> (<http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html>)) before April 25th to ensure enrollment eligibility.

Requirement: unavailable

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82673 006 F2F --WR--- 08:30-03:30 PM 08/20/14-10/09/14  OHEC 235 Brown D 10 of 10

Kansas Senate Bill SB 155

Note:Registration for this course will not begin until 8:00 a.m., on Friday, April 25th. Students MUST view CNA Enrollment Tips (<http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html> (<http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html>)) before April 25th to ensure enrollment eligibility.

Requirement: unavailable

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82674 007 F2F M-W---- 05:00-08:00 PM 08/18/14-12/10/14  OHEC 231 Holzrichter A 10 of 10

Kansas Senate Bill SB 155

Note:Registration for this course will not begin until 8:00 a.m., on Friday, April 25th. Students MUST view CNA Enrollment Tips (<http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html> (<http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html>)) before April 25th to ensure enrollment eligibility.

Requirement: unavailable

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82737 111 F2F --WR--- 08:30-03:30 PM 10/15/14-12/11/14  OHEC 235 Brown D 10 of 10

Kansas Senate Bill SB 155

Note:Registration for this course will not begin until 8:00 a.m., on Friday, April 25th. Students MUST view CNA Enrollment Tips (<http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html> (<http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html>)) before April 25th to ensure enrollment eligibility.

Requirement: unavailable

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82742 112 F2F M-W-F-- 08:30-03:30 PM 10/06/14-11/14/14  LCS 09 Schaffer B 10 of 10

Kansas Senate Bill SB 155

Note:Registration for this course will not begin until 8:00 a.m., on Friday, April 25th. Students MUST view CNA Enrollment Tips (<http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html> (<http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html>)) before April 25th to ensure enrollment eligibility.

Requirement: unavailable

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82743 113 F2F -T-R--- 04:30-07:30 PM 08/19/14-12/11/14  OHEC 231 Kuria J 10 of 10

Kansas Senate Bill SB 155

Note:Registration for this course will not begin until 8:00 a.m., on Friday, April 25th. Students MUST view CNA Enrollment Tips (<http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html> (<http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html>)) before April 25th to ensure enrollment eligibility.

Requirement: unavailable

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82796 376 HYB -T----- 08:30-03:30 PM 08/19/14-10/07/14  OHEC 235 Reischman C 10 of 10


----- - 08/19/14-10/07/14 Online

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

Requirement: unavailable

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82803 377 HYB --W---- 08:30-03:30 PM 08/20/14-10/08/14  OHEC 231 Kobularcik L 10 of 10

----- - 08/20/14-10/08/14 Online

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

Requirement: unavailable



Mandatory Classroom Meetings

Kansas Senate Bill SB 155

Requirement: unavailable



## AVHO 103 - Certified Nurse Aide Refresher Course (CNA-R)

This 21-hour CNA refresher course provides classroom and laboratory experience to update the inactive CNA. The student will discuss the nurse aide's responsibility in the current health care system and the importance of resident rights. The student will demonstrate safety measures, infection control procedures, personal care skills, measurement of vital signs and transfers, positioning and turning. 21 contact hours. For additional information go to the [jccc.edu](http://www.jccc.edu) web page: click on classes; click on credit class search; click the semester; course prefix is AVHO Health Occupations. Click on CRN number for information. For more information, go to <http://www.jccc.edu/nursing/nurse-aide/index.html> (<http://www.jccc.edu/nursing/nurse-aide/index.html>) . This course is not federal aid eligible.

Credit Hours: 1

Prerequisite: Kansas CNA Certification

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/avho/#AVHO\\_103](http://catalog.jccc.edu/fall/coursedescriptions/avho/#AVHO_103))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82752 114 F2F	-----S-	09:00-04:30 PM	11/01/14-11/15/14	 OHEC 235	Waechter J	20 of 20
82754 115 F2F	-T-----	08:30-04:00 PM	10/28/14-11/11/14	 OHEC 235	Reischman C	20 of 20

## AVHO 104 - Certified Medication Aide (CMA)



This course includes the development of knowledge related to many commonly prescribed medications. Students will learn the classification, side effects and techniques of administration, including preparation and accurate distribution of medications. Safe administration of oral medications is discussed and demonstrated. Students will be scheduled to take the Kansas CMA examination. 80 contact hrs. For additional information go to the [jccc.edu](http://www.jccc.edu) web page: click on classes; click on credit class search; click the semester; course prefix is AVHO Health Occupations. Click on CRN number for information. For more information, go to <http://www.jccc.edu/nursing/nurse-aide/index.html> (<http://www.jccc.edu/nursing/nurse-aide/index.html>) . Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee. This course is not federal aid eligible.

Credit Hours: 4

Associated Costs: \$20 to 110

Prerequisites: Appropriate Compass reading test score, and proof of Kansas CNA certification or having completed the state CNA examination and awaiting results. If CNA examination results are not satisfactory, the student must withdraw from the CMA course. Documentation of current TB skin test - negative results within the last year. Current CPR for Health Care Providers and Social Security card.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/avho/#AVHO\\_104](http://catalog.jccc.edu/fall/coursedescriptions/avho/#AVHO_104))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82759 116 F2F	-T-R---	08:30-02:30 PM	08/19/14-10/09/14	 OHEC 241	Dillon E	15 of 15
Kansas Senate Bill SB 155						
82760 117 F2F	-T-R---	08:30-02:30 PM	10/14/14-12/04/14	 OHEC 241	Dillon E	15 of 15
Kansas Senate Bill SB 155						

## AVHO 106 - Home Health Aide (HHA)


This course provides the student with information necessary for nutritional meal planning, task modification, emotional support and personal service to clients and families needing health care assistance at home. Students will be scheduled to take the Kansas HHA certification examination. 21 contact hrs. For additional information go to the jccc.net web page: click on classes; click on credit class search; click the semester; course prefix is AVHO Health Occupations. Click on CRN number for information. For more information, go to <http://www.jccc.edu/nursing/nurse-aide/index.html> (<http://www.jccc.edu/nursing/nurse-aide/index.html>) . This course is not federal aid eligible.

Credit Hours: 1

Associated Costs: \$20 to 55

Prerequisites: Proof of Kansas CNA certification and appropriate Compass reading test score. Current CPR for Health Care Providers card and Social Security Card.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/avho/#AVHO\\_106](http://catalog.jccc.edu/fall/coursedescriptions/avho/#AVHO_106))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82762 118 F2F	-----S-	09:00-04:30 PM	09/06/14-09/20/14	 OHEC 241	Wiley K	20 of 20
Kansas Senate Bill SB 155						

## AVHO 108 - Certified Medication Aide Update (CMA-U)

This course meets the continuing education requirements for licensed Certified Medication Aides. The course includes review of commonly used drugs and their interactions with foods and other drugs. Also included are discussions of legal implications and regulations related to administration and record keeping, biological effects of medications on the elderly and a review of basic safety principles. 15 contact hours. For additional information go to the jccc.edu web page: click on classes; click on credit class search; click the semester; course prefix is AVHO Health Occupations. Click on CRN number for information. For more information, go to <http://www.jccc.edu/nursing/nurse-aide/index.html> (<http://www.jccc.edu/nursing/nurse-aide/index.html>) . This course is not federal aid eligible.


Note: Failure to comply with instructions listed on the Web page(s) will result in withdrawal from the class.

Credit Hours: 1

Associated Costs: \$20

Prerequisites: Proof of Kansas CMA certification and Proof of Kansas CNA Certification

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/avho/#AVHO\\_108](http://catalog.jccc.edu/fall/coursedescriptions/avho/#AVHO_108))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82771 119 F2F	-T-R---	05:00-09:00 PM	10/28/14-11/06/14	 OHEC 241	Wiley K	20 of 20

## AVHO 115 - I V Therapy For LPNs


This course provides review of basic physiology of the circulatory system and instruction in principles of site selection for veins appropriate for I.V. therapy. This course meets the Kansas requirements for LPNs seeking certification in I.V. Therapy. 48 contact hrs. For additional information go to the jccc.edu web page: click on classes; click on credit class search; click the semester; course prefix is AVHO Health Occupations. Click on CRN number for information. The credit reflected in this course is for transcript reporting, recording and transfer only. For more information, go to <http://www.jccc.edu/nursing/practicalnurse/iv-therapy.html> (<http://www.jccc.edu/nursing/practicalnurse/iv-therapy.html>). Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee. This course is not federal aid eligible.

Credit Hours: 3

Associated Costs: \$55

Prerequisites: Proof of Kansas LPN licensure. Present evidence of Personal Liability insurance at the time of application for admission to the program and maintain it throughout the clinical practicum. Maintenance of current CPR certification for the duration of the course. Evidence of negative TB test or chest X-ray within the past year. JCCC Student Professional Liability Insurance

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/avho/#AVHO\\_115](http://catalog.jccc.edu/fall/coursedescriptions/avho/#AVHO_115))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82777 120 F2F	-T-R---	05:30-08:30 PM	08/19/14-10/09/14	 OHEC 233	Salmons N	15 of 15

Kansas Senate Bill SB 155

## Biology

### BIOL 110 - Nutrition for Life

Designed for students who wish to apply nutrition information to their lives, this course explores how food selection affects body size, body composition, performance, disease resistance, impact on the environment, and longevity. Students will analyze the composition of their diets and develop a plan of action to improve their eating behaviors. This course integrates sustainability concepts. 2 hrs. lecture/wk.

Note: Students requiring a nutrition class for a BSN nursing degree or allied health must take BIOL 235, not

Credit Hours: 2

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL\\_110](http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL_110))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81026 001 F2F	--W----	04:00-05:50 PM	08/20/14-12/12/14	SCI 122	Riley M	24 of 24

Kansas Senate Bill SB 155

Note: Students requiring a nutrition class for a BSN nursing degree or allied health must take BIOL 235, not BIOL 110.

81029 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Berry S	24 of 24
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Kansas Senate Bill SB 155

Note: Students requiring a nutrition class for a BSN nursing degree or allied health must take BIOL 235, not BIOL 110.

## BIOL 121 - Introductory Biology for Non-Majors

This course introduces non-majors to selected concepts and principles that form the foundation of an understanding of how biological systems operate. The importance of scientific methods and processes will be explored. Biological systems will be investigated at a variety of levels, from the chemical to the biosphere, and the unity of diversity of life will be examined in light of evolutionary and genetic processes. 3 hrs. lecture & 2 hrs. instructional lab/wk.

Credit Hours: 4

Associated Costs: \$0 to 15

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL\\_121](http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81031 001 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	CLB 316	TBA	28 of 28
	Lab ----F--	09:00-10:50 AM	08/22/14-12/12/14	SCI 207		
81033 002 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CLB 316	Loring D	28 of 28
	Lab -T-----	09:00-10:50 AM	08/19/14-12/12/14	SCI 207		
81041 003 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CLB 314	Vickers J	28 of 28
	Lab -T-----	09:30-11:20 AM	08/19/14-12/12/14	SCI 203		
81044 004 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CLB 316	Loring D	28 of 28
	Lab ----F--	11:00-12:50 PM	08/22/14-12/12/14	SCI 207		
81045 005 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CLB 314	Vickers J	28 of 28
	Lab -T-----	12:00-01:50 PM	08/19/14-12/12/14	SCI 203		
81046 006 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CLB 316	Holcroft Benson N	28 of 28
	Lab M-----	01:00-02:50 PM	08/18/14-12/12/14	SCI 203		

81048	007 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CLB 314	Vickers J	28 of 28
	Lab	---R---	09:30-11:20 AM	08/21/14-12/12/14	SCI 203		
81052	008 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	CLB 314	Vickers J	28 of 28
	Lab	---R---	12:00-01:50 PM	08/21/14-12/12/14	SCI 203		
81053	009 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	CLB 316	TBA	28 of 28
	Lab	--W----	02:00-03:50 PM	08/20/14-12/12/14	SCI 207		
81054	010 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	CLB 314	TBA	28 of 28
	Lab	M-----	03:00-04:50 PM	08/18/14-12/12/14	SCI 203		
81067	011 F2F	M-W-F--	02:00-02:50 PM	08/18/14-12/12/14	CLB 314	TBA	28 of 28
	Lab	---R---	02:00-03:50 PM	08/21/14-12/12/14	SCI 207		
81068	012 F2F	-T-R---	09:30-10:50 AM	08/19/14-12/12/14	CLB 316	Decelles P	28 of 28
	Lab	-T-----	01:00-02:50 PM	08/19/14-12/12/14	SCI 207		
81070	013 F2F	-T-R---	09:30-10:50 AM	08/19/14-12/12/14	CLB 314	TBA	28 of 28
	Lab	-T-----	02:00-03:50 PM	08/19/14-12/12/14	SCI 203		
81075	014 F2F	-T-R---	11:00-12:20 PM	08/19/14-12/12/14	CLB 316	Loring D	28 of 28
	Lab	--W----	11:00-12:50 PM	08/20/14-12/12/14	SCI 203		
81078	015 F2F	-T-R---	12:30-01:50 PM	08/19/14-12/12/14	CLB 316	Loring D	28 of 28
	Lab	--W----	01:00-02:50 PM	08/20/14-12/12/14	SCI 203		
81110	016 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	CLB 314	TBA	28 of 28
	Lab	---R---	06:00-07:50 PM	08/21/14-12/12/14	SCI 207		
81116	380 HYB	-----	-	08/18/14-12/12/14	Online	Decelles P	28 of 28
	Lab	--W----	06:00-07:50 PM	08/20/14-12/12/14	SCI 203		

Mandatory Classroom Meetings

Note: Lab meetings are mandatory.

81120	381 HYB	-----	-	08/18/14-12/12/14	Online	Decelles P	28 of 28
	Lab	--W----	03:00-04:50 PM	08/20/14-12/12/14	SCI 203		

Mandatory Classroom Meetings

Note: Lab meetings are mandatory.

81112	382 HYB	-----	-	09/01/14-12/12/14	Online	Stawinski S	12 of 12
	Lab	-----S-	01:00-04:50 PM	09/06/14-09/06/14	SCI 207		
	Lab	-----S-	01:00-04:50 PM	09/13/14-09/13/14	SCI 207		
	Lab	-----S-	01:00-02:50 PM	09/20/14-12/06/14	SCI 207		

Mandatory Classroom Meetings

Note: Lab meetings are mandatory. The first two lab meetings are extended to 4 hours, all remaining labs will be 2 hours in length.

## BIOL 124 - Oceanus: Essentials of Oceanography

This course for beginning students focuses on the marine environment as a unique feature of the planet earth and investigates areas of intense scientific and public concern: the pervasiveness of the ocean and its effect on the earth's weather, its stunning physical size and diversity of contained life forms, its contributions to the physical and historical development of man, its impact on geopolitical and economic matters, and the impact of oceanic pollutants and the potential exploitation of marine resources. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL\\_124](http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL_124))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81218 400 MED	-----	-	08/18/14-12/12/14		TBA	24 of 24

Note: Students will receive their syllabus/TV information packet via their JCCC student email account. Should you not receive a packet by the end of the first week of class, contact the instructor directly via email. DVD's of lecture are available for check-out in the library. Broadcast schedule: Monday, noon-1pm, Friday, 9-10am (repeat).

## BIOL 125 - General Botany

This is a survey of the life, growth and structure of plants. Divisions of the plant kingdom will be presented with emphasis on life cycles, anatomy, physiology and ecology of major groups. Students will do microscopic and macroscopic analysis of the major division. 7 hrs. integrated lecture/lab/wk.

Credit Hours: 5

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL\\_125](http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81219 001 F2F	M-W-F--	01:00-03:20 PM	08/18/14-12/12/14	CLB 407	Giambrone S	24 of 24
81220 002 F2F	M-W----	06:00-09:20 PM	08/18/14-12/12/14	CLB 407	Bott B	24 of 24

## BIOL 127 - General Zoology

This is a survey of the life, structure, and growth of animals. Students will concentrate on identifying animals by their structural characteristics and looking at the role adaptation plays in anatomical and physiological features. Students will do dissections and microscopic analysis of the major phyla. 7 hrs. integrated lecture/lab/wk.

Credit Hours: 5

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL\\_127](http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL_127))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81221 001 F2F	M-W-F--	08:00-10:20 AM	08/18/14-12/12/14	CLB 407	Holcroft Benson N	24 of 24


81222 002 F2F	-T-R---	12:30-03:50 PM	08/19/14-12/12/14	CLB 407	Seibel D	24 of 24
81224 003 F2F	-T-R---	06:00-09:20 PM	08/19/14-12/12/14	CLB 407	Seibel D	24 of 24

## BIOL 130 - Environmental Science

Environmental Science seeks to describe problems and solutions associated with human use of natural resources. Students will study the major physical and biological processes that govern the complex interactions in natural ecosystems. Major course topics include human population growth, resource use and pollution. Practical solutions aimed at sustainability will be identified and examined. This is an introductory, nonscience-major survey course. 3 hrs./wk. BIOL 131 students must be currently enrolled in BIOL 130 or have successfully completed BIOL 130 within the last three years. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL\\_130](http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81225 001 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	SCI 118	Layne R	24 of 24
81226 002 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	SCI 118	Layne R	24 of 24
81227 003 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	SCI 118	Menzel J	24 of 24
81228 004 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	SCI 118	Menzel J	24 of 24
81229 005 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	SCI 118	Menzel J	24 of 24
81230 006 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	SCI 118	Huckett S	24 of 24
81231 007 F2F	-T-R---	09:30-10:50 AM	08/19/14-12/12/14	SCI 118	Dolan C	24 of 24
81232 008 F2F	-T-R---	11:00-12:20 PM	08/19/14-12/12/14	SCI 118	Dolan C	24 of 24
81233 009 F2F	-T-R---	02:00-03:20 PM	08/19/14-12/12/14	SCI 118	Huckett S	24 of 24
81234 010 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	SCI 118	Oden J	24 of 24
81235 200 F2F	M-----	06:00-08:59 PM	09/01/14-12/12/14	 DSH 410	Brink M	12 of 12
81237 350 ONLNE	-----	-	08/18/14-12/12/14	Online	Follo J	24 of 24

Note: All assignments and exams are submitted online. A digital camera and the ability to upload photos to the online learning management system is a requirement.

81238 351 ONLNE	-----	-	08/18/14-12/12/14	Online	Follo J	24 of 24
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Note: All assignments and exams are submitted online. A digital camera and the ability to upload photos to the online learning management system is a requirement.

81240 352 ONLNE	-----	-	08/18/14-12/12/14	Online	Follo J	24 of 24
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Note: All assignments and exams are submitted online. A digital camera and the ability to upload photos to the online learning management system is a requirement.

## BIOL 131 - Environmental Science Lab

In this lab, students will learn ecological principles that are necessary for understanding and solving environmental problems. Students will sample the local environment for various types of environmental pollution, conduct lab projects and computer simulations, and attend field trips. Field trips may include a visit to a local wastewater treatment plant, a stream ecosystem and a prairie ecosystem. 2 hrs.lab/wk. plus up to three field trips. BIOL 131 students must be currently enrolled in BIOL 130 or have successfully completed BIOL 130 within the last three years.

Note: BIOL 131 students must be currently enrolled in BIOL 130 or have successfully completed BIOL 130 within the last three years.

Credit Hours: 1

Prerequisite or corequisite: BIOL 130

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL\\_131](http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81241 001 F2F	Lab M-----	11:00-12:50 PM	08/18/14-12/12/14	CLB 303	Layne R	24 of 24
81242 002 F2F	Lab -T-----	02:00-03:50 PM	08/19/14-12/12/14	CLB 303	Layne R	24 of 24
81243 003 F2F	Lab ---R---	11:00-12:50 PM	08/21/14-12/12/14	CLB 303	Huckett S	24 of 24
81244 004 F2F	Lab -T-----	09:00-10:50 AM	08/19/14-12/12/14	CLB 303	Huckett S	24 of 24
81245 005 F2F	Lab -T-----	06:00-07:50 PM	08/19/14-12/12/14	CLB 303	Brink M	24 of 24
81246 350 ONLINE	Lab -----	-	08/18/14-12/12/14	Online	Follo J	24 of 24

Note: All assignments and exams are submitted online. A digital camera and the ability to upload photos to the online learning management system is a requirement.

81247 351 ONLINE	Lab -----	-	08/18/14-12/12/14	Online	Oden J	24 of 24
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Note: All assignments and exams are submitted online. A digital camera and the ability to upload photos to the online learning management system is a requirement.

## BIOL 132 - Introduction to Public Health

This is an introductory course in public health. It provides a background in many areas of public health with an emphasis on the health system and understanding and measuring health, disease and illness. Epidemiology, food safety and animal health will also be examined. Public health emergency preparedness, the public health workforce and public health administration will also be studied. Students will learn about public health nursing, public health education and the role of law and government in public health. Students will also examine environmental and occupational health. The different types of public health professional occupations and future challenges for public health will be examined. 3 hrs lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL\\_132](http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL_132))



CRN	Days	Time	Date	Location	Instructor	Seats Open
81249 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Mulcahy E	24 of 24

Note: All exams and assignments are submitted online.

## BIOL 135 - Principles of Cell and Molecular Biology

This is an integrated lecture and laboratory course for biology majors and students planning to take additional courses in biology. Subjects covered include basic biochemistry, cell structure and function, cellular metabolism, Mendelian and molecular genetics, natural selection and evolution, cell physiology and development of plants and animals from the single-celled stage to the embryonic stage. 3 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 4

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL\\_135](http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL_135))

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
81255 001 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	RC 370	Decelles P	24 of 24
	Lab --W----	09:00-10:50 AM	08/20/14-12/12/14	RC 345		
81256 002 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	RC 370	Arico J	24 of 24
	Lab M-----	10:00-11:50 AM	08/18/14-12/12/14	RC 345		
81257 003 F2F	Lab M-----	08:00-09:50 AM	08/18/14-12/12/14	RC 345	Jacobs R	24 of 24
	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	RC 370		
81258 004 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	RC 370	Arico J	24 of 24
	Lab M-----	02:00-03:50 PM	08/18/14-12/12/14	RC 345		
81259 005 F2F	-T-R---	09:30-10:50 AM	08/19/14-12/12/14	RC 370	TBA	24 of 24
	Lab -T-----	11:00-12:50 PM	08/19/14-12/12/14	RC 345		
81260 006 F2F	Lab -T-----	09:00-10:50 AM	08/19/14-12/12/14	RC 345	Giambrone S	24 of 24
	-T-R---	11:00-12:20 PM	08/19/14-12/12/14	RC 370		
81261 007 F2F	-T-R---	12:30-01:50 PM	08/19/14-12/12/14	RC 370	Giambrone S	24 of 24
	Lab ---R---	02:00-03:50 PM	08/21/14-12/12/14	RC 345		
81262 008 F2F	M-----	06:00-07:50 PM	08/18/14-12/12/14	RC 370	Zhang X	24 of 24
	--W----	06:00-06:50 PM	08/20/14-12/12/14	RC 370		
	Lab --W----	07:00-08:50 PM	08/20/14-12/12/14	RC 345		
81263 380 HYB	-----	-	08/18/14-12/12/14	Online	Harmon M	24 of 24
	Lab -T-----	04:00-05:50 PM	08/19/14-12/12/14	RC 345		

Mandatory Classroom Meetings

Note: Lab meetings are mandatory. The lecture for this section will be conducted online. Exams will be taken in the Testing Center in SC 334 at JCCC. Students are required to complete online orientation.

81264	381 HYB	-----	-	08/18/14-12/12/14	Online	Mulcahy E	24 of 24
	Lab	-----S-	08:00-06:00 PM	09/06/14-09/06/14	RC 345		
	Lab	-----S-	08:00-06:00 PM	11/15/14-11/15/14	RC 345		

**Mandatory Classroom Meetings**

Note: Lab meetings are mandatory. The lecture for this section will be conducted online. Exams will be taken in the Testing Center in SC 334 at JCCC. Students are required to complete online orientation.

82984	382 HYB	-----	-	10/13/14-12/07/14	Online	Harmon M	12 of 12
	Lab	---R---	10:00-01:50 PM	10/16/14-12/07/14	RC 345		

**Mandatory Classroom Meetings**

Note: Lab meetings are mandatory. The lecture for this section will be conducted online. Exams will be taken in the Testing Center in SC 334 at JCCC. Students are required to complete online orientation.

## BIOL 135H - HON: Prin. of Cell/Molecular

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL\\_135H\)](http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL_135H)

CRN	Days	Time	Date	Location	Instructor	Seats Open	
81499	01H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## BIOL 140 - Human Anatomy

Students will study gross and microscopic aspects of cells, tissues and organ systems of the human body. They will concentrate on a detailed analysis of the structure of each body system. Integrated lecture and lab, 6 hrs. integrated lecture/lab/wk.

Credit Hours: 4

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL\\_140\)](http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL_140)

[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open	
81265	001 F2F	M-W-F--	08:00-09:50 AM	08/18/14-12/12/14	CLB 313	LaBarge M	24 of 24

Kansas Senate Bill SB 155

81266	002 F2F	M-W-F--	10:00-11:50 AM	08/18/14-12/12/14	CLB 313	LaBarge M	24 of 24
Kansas Senate Bill SB 155							
81267	003 F2F	M-W-F--	01:00-02:50 PM	08/18/14-12/12/14	CLB 313	LaBarge M	24 of 24
Kansas Senate Bill SB 155							
81268	004 F2F	M-W-F--	03:00-04:50 PM	08/18/14-12/12/14	CLB 313	Brown S	24 of 24
Kansas Senate Bill SB 155							
81269	005 F2F	M-W----	10:00-12:50 PM	08/18/14-12/12/14	CLB 309	Makarov A	24 of 24
Kansas Senate Bill SB 155							
81270	006 F2F	M-W----	01:00-03:50 PM	08/18/14-12/12/14	CLB 309	Makarov A	24 of 24
Kansas Senate Bill SB 155							
81271	007 F2F	M-W-F--	04:00-05:50 PM	08/18/14-12/12/14	CLB 309	Lasley L	24 of 24
Kansas Senate Bill SB 155							
81272	008 F2F	M-W----	06:00-08:50 PM	08/18/14-12/12/14	CLB 309	Lasley L	24 of 24
Kansas Senate Bill SB 155							
81273	009 F2F	-T-R---	09:30-12:20 PM	08/19/14-12/12/14	CLB 313	Makarov A	24 of 24
Kansas Senate Bill SB 155							
81274	010 F2F	-T-R---	12:30-03:20 PM	08/19/14-12/12/14	CLB 313	Makarov A	24 of 24
Kansas Senate Bill SB 155							
81275	011 F2F	-T-R---	07:30-10:29 AM	09/02/14-12/12/14	CLB 309	Brown S	12 of 12
Kansas Senate Bill SB 155							
81276	012 F2F	-T-R---	11:00-01:50 PM	08/19/14-12/12/14	CLB 309	Blodig J	24 of 24
Kansas Senate Bill SB 155							
81277	013 F2F	-T-R---	02:00-04:50 PM	08/19/14-12/12/14	CLB 309	Blodig J	24 of 24
Kansas Senate Bill SB 155							
81278	014 F2F	-T-R---	06:00-08:50 PM	08/19/14-12/12/14	CLB 309	Blodig J	24 of 24
Kansas Senate Bill SB 155							
81279	200 F2F	M-W-F--	09:00-10:50 AM	08/18/14-12/12/14	 OHEC 107	Sherry R	24 of 24
Kansas Senate Bill SB 155							
81280	201 F2F	M-W-F--	11:00-12:50 PM	08/18/14-12/12/14	 OHEC 107	Sherry R	24 of 24
Kansas Senate Bill SB 155							
81281	202 F2F	M-W----	06:00-08:50 PM	08/18/14-12/12/14	 OHEC 107	Witters L	24 of 24
Kansas Senate Bill SB 155							




## BIOL 144 - Human Anatomy and Physiology

This course provides basic knowledge on human structures and their function. Students will study the relationship of structures to function in the organ systems of the human body. Emphasis will be on the identification of the anatomical features and their functions. This course is integrated lecture and laboratory. 7 hrs. integrated lecture/lab/wk. The Open Anatomy Lab, 311 CLB, is available for students enrolled in Human Anatomy and Human Anatomy and Physiology classes at JCCC. Contact your professor, check the schedule outside of 311 CLB or call 913-469-8500, ext. 4124, for hours. A current student ID is required for using the Open Anatomy Lab.

Credit Hours: 5

Prerequisite: RDG 126 or College Reading Readiness (<http://www.jccc.edu/credit-enrollment/reading-readiness.html>)

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL\\_144](http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL_144))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81282 001 F2F	M-W-F--	07:00-09:20 AM	08/18/14-12/12/14	SCI 103	Clark M	24 of 24
Kansas Senate Bill SB 155						
81283 002 F2F	M-W-F--	09:30-11:50 AM	08/18/14-12/12/14	SCI 103	Chorn J	24 of 24
Kansas Senate Bill SB 155						
81284 003 F2F	M-W----	01:30-04:50 PM	08/18/14-12/12/14	SCI 103	Andrews C	24 of 24
Kansas Senate Bill SB 155						
81285 004 F2F	-T-R---	07:30-10:50 AM	08/19/14-12/12/14	SCI 103	Chorn J	24 of 24
Kansas Senate Bill SB 155						
81286 005 F2F	-T-R---	11:00-02:20 PM	08/19/14-12/12/14	SCI 103	Baumgardner B	24 of 24
Kansas Senate Bill SB 155						
81287 006 F2F	-T-R---	02:30-05:50 PM	08/19/14-12/12/14	SCI 103	Shopper M	24 of 24
Kansas Senate Bill SB 155						
81288 007 F2F	M-W----	06:00-09:20 PM	08/18/14-12/12/14	SCI 103	Chorn J	24 of 24
Kansas Senate Bill SB 155						
81289 200 F2F	M-W-F--	02:30-04:50 PM	08/18/14-12/12/14	 OHEC 107	Sullivan C	24 of 24
Kansas Senate Bill SB 155						
81290 201 F2F	-T-R---	08:00-11:20 AM	08/19/14-12/12/14	 OHEC 107	Frailey C	24 of 24
Kansas Senate Bill SB 155						
81291 202 F2F	-T-R---	01:00-04:20 PM	08/19/14-12/12/14	 OHEC 107	Frailey C	24 of 24
Kansas Senate Bill SB 155						
82603 380 HYB	-----	-	08/18/14-12/12/14	Online	Clark M	24 of 24
	-----S-	02:00-05:50 PM	08/23/14-08/23/14	SCI 103		
	-----S-	02:00-05:50 PM	09/06/14-09/06/14	SCI 103		
	-----S-	02:00-05:50 PM	09/20/14-09/20/14	SCI 103		

-----S-	02:00-05:50 PM	10/04/14-10/04/14	SCI 103
-----S-	02:00-05:50 PM	10/18/14-10/18/14	SCI 103
-----S-	02:00-05:50 PM	11/01/14-11/01/14	SCI 103
-----S-	02:00-05:50 PM	11/15/14-11/15/14	SCI 103
-----S-	02:00-05:50 PM	12/06/14-12/06/14	SCI 103

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

Note: Labs are mandatory. All lab exams are taken in class.

82687	381 HYB	-----	-	08/18/14-12/12/14	Online	Frailey C	24 of 24
----	F--	05:00-09:50 PM	08/22/14-08/22/14	SCI 103			
----	F--	05:00-09:50 PM	09/12/14-09/12/14	SCI 103			
----	F--	05:00-09:50 PM	09/19/14-09/19/14	SCI 103			
----	F--	05:00-09:50 PM	10/10/14-10/10/14	SCI 103			
----	F--	05:00-09:50 PM	10/17/14-10/17/14	SCI 103			
----	F--	05:00-09:50 PM	11/07/14-11/07/14	SCI 103			
----	F--	05:00-09:50 PM	11/14/14-11/14/14	SCI 103			
----	F--	05:00-09:50 PM	12/05/14-12/05/14	SCI 103			

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

Note: Labs are mandatory. All lab exams are taken in class.

82802	382 HYB	-----	-	08/18/14-12/12/14	Online	Baumgardner B	24 of 24
-T-----	06:00-09:50 PM	08/26/14-08/26/14	SCI 103				
-T-----	06:00-09:50 PM	09/09/14-09/09/14	SCI 103				
-T-----	06:00-09:50 PM	09/23/14-09/23/14	SCI 103				
-T-----	06:00-09:50 PM	10/07/14-10/07/14	SCI 103				
-T-----	06:00-09:50 PM	10/21/14-10/21/14	SCI 103				
-T-----	06:00-09:50 PM	11/04/14-11/04/14	SCI 103				
-T-----	06:00-09:50 PM	11/18/14-11/18/14	SCI 103				
-T-----	06:00-09:50 PM	12/02/14-12/02/14	SCI 103				

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

Note: Labs are mandatory. All lab exams are taken in class.

82813	383 HYB	-----	-	09/01/14-12/12/14	Online	Baumgardner B	12 of 12
-T-----	06:00-09:59 PM	09/02/14-09/02/14	SCI 103				
-T-----	06:00-09:59 PM	09/16/14-09/16/14	SCI 103				
-T-----	06:00-09:59 PM	09/30/14-09/30/14	SCI 103				
-T-----	06:00-09:59 PM	10/14/14-10/14/14	SCI 103				

-T-----	06:00-09:59 PM	10/28/14-10/28/14	SCI 103
-T-----	06:00-09:59 PM	11/11/14-11/11/14	SCI 103
-T-----	06:00-09:59 PM	11/25/14-11/25/14	SCI 103
-T-----	06:00-09:59 PM	12/09/14-12/09/14	SCI 103

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

Note: Labs are mandatory. All lab exams are taken in class.

82826	384 HYB	-----	-	08/18/14-12/12/14	Online	Shopper M	24 of 24
---	R---	06:00-09:50 PM	08/21/14-08/21/14	SCI 103			
---	R---	06:00-09:50 PM	09/04/14-09/04/14	SCI 103			
---	R---	06:00-09:50 PM	09/18/14-09/18/14	SCI 103			
---	R---	06:00-09:50 PM	10/02/14-10/02/14	SCI 103			
---	R---	06:00-09:50 PM	10/16/14-10/16/14	SCI 103			
---	R---	06:00-09:50 PM	10/30/14-10/30/14	SCI 103			
---	R---	06:00-09:50 PM	11/13/14-11/13/14	SCI 103			
---	R---	06:00-09:50 PM	12/04/14-12/04/14	SCI 103			

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

Note: Labs are mandatory. All lab exams are taken in class.

82827	385 HYB	-----	-	08/18/14-12/12/14	Online	Shopper M	24 of 24
---	R---	06:00-09:50 PM	08/28/14-08/28/14	SCI 103			
---	R---	06:00-09:50 PM	09/11/14-09/11/14	SCI 103			
---	R---	06:00-09:50 PM	09/25/14-09/25/14	SCI 103			
---	R---	06:00-09:50 PM	10/09/14-10/09/14	SCI 103			
---	R---	06:00-09:50 PM	10/23/14-10/23/14	SCI 103			
---	R---	06:00-09:50 PM	11/06/14-11/06/14	SCI 103			
---	R---	06:00-09:50 PM	11/20/14-11/20/14	SCI 103			
---	R---	06:00-09:50 PM	12/11/14-12/11/14	SCI 103			

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

Note: Labs are mandatory. All lab exams are taken in class.

## BIOL 144H - HON: Human Anat. & Phys.

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the

courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL\\_144H](http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL_144H))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81500 02H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Kansas Senate Bill SB 155

Requirement: Department approval

## BIOL 145 - Human Anatomy and Physiology Dissection

Students will dissect the cat and study the relationship of structures to function in the organ systems of the cat. In this laboratory course, they will also dissect the cow kidney, heart, brain and eye. Students will compare and contrast these structures and functions with the organ systems of the human body. 2 hrs. lab/wk. Students enrolling in BIOL 145 should have completed BIOL 140 or BIOL 144 and have the approval of the assistant dean.

Credit Hours: 1

Associated Costs: \$35

Prerequisites: BIOL 144 and department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL\\_145](http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81292 001 F2F Lab	--W----	11:00-12:50 PM	08/20/14-12/12/14	CLB 407	Witters L	24 of 24

Kansas Senate Bill SB 155

## BIOL 150 - Biology of Organisms

This is a survey of the five kingdoms of life. Monera, fungi, protista, plant and animal kingdoms will be presented, with emphasis on life cycles, anatomy, physiology and ecology of the major groups. 7 hrs. integrated lecture/lab/wk.

Credit Hours: 5

Prerequisite: BIOL 135 or department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL\\_150](http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81293 001 F2F	-T-R---	08:00-11:20 AM	08/19/14-12/12/14	CLB 407	Holcroft Benson N	24 of 24

## BIOL 205 - General Genetics

This introductory course emphasizes human heredity using concepts from classical and modern genetics. Themes of advancing technologies and bioethical issues are interwoven in the basic background fabric of the course. 3 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 4

Prerequisite: BIOL 135 or the equivalent introductory college-level course. All prerequisites require a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL\\_205](http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81295 001 F2F	M-W----	11:00-12:20 PM	08/18/14-12/12/14	RC 370	Harmon M	24 of 24
	Lab --W----	12:30-03:20 PM	08/20/14-12/12/14	RC 345		

## BIOL 214 - Introduction to Teaching Math and Science I

This course allows math and science students to explore and develop an appreciation for teaching as a career. To support their learning, students will be introduced to the theory and practice that is necessary to design and deliver quality instruction. They will plan and implement lessons of an inquiry-based curriculum in an elementary classroom during the semester. MATH 214, ASTR 214, BIOL 214, CHEM 214, GEOS 214, PHYS 214 and PSCI 214 are the same course; enroll in only one. 1.25 hrs. lecture/wk.

Credit Hours: 1

Prerequisites: MATH 171 with a grade of "C" or higher OR appropriate score on the math placement test OR department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL\\_214](http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL_214))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82998 100 F2F	M-----	03:00-04:15 PM	08/18/14-12/12/14	CLB 213	Rothrock K	24 of 24

## BIOL 225 - Human Physiology

This is an introduction to the dynamic functions of the human organism from the chemical and molecular mechanisms that sustain cellular processes through the control systems responsible for homeostasis and the influence of these systems on the cellular function of organ and systems operation. Laboratory investigation using selected biochemical and physiological preparations allows correlation of theory with experimental observations. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisite: BIOL 140 or BIOL 144 and Prerequisites or corequisites: CHEM 122 or (CHEM 124 and CHEM 125)



CRN	Days	Time	Date	Location	Instructor	Seats Open
81297 001 F2F	-T-R---	08:00-10:50 AM	08/19/14-12/12/14	SCI 111	Thurlby K	24 of 24
81298 002 F2F	M-W-F--	10:00-11:50 AM	08/18/14-12/12/14	SCI 111	Wright G	24 of 24
81299 003 F2F	M-W-F--	12:00-01:50 PM	08/18/14-12/12/14	SCI 111	Wright G	24 of 24
81300 004 F2F	M-W-F--	02:00-03:50 PM	08/18/14-12/12/14	SCI 111	Osterhaus G	24 of 24
81301 005 F2F	M-W----	06:00-08:50 PM	08/18/14-12/12/14	SCI 111	Bishop D	24 of 24
81302 006 F2F	-T-R---	06:00-08:50 PM	08/19/14-12/12/14	SCI 111	Bishop D	24 of 24
81303 350 ONLNE	-----	-	08/18/14-12/12/14	Online	Sullivan C	24 of 24

Note: Exams are taken on campus at the JCCC texting center. All lab work is computer based and will be completed online.

81304 351 ONLNE	-----	-	08/18/14-12/12/14	Online	Pendergrass D	24 of 24
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Note: Exams are taken on campus at the JCCC texting center. All lab work is computer based and will be completed online.

81305 352 ONLNE	-----	-	08/18/14-12/12/14	Online	Pendergrass D	24 of 24
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Note: Exams are taken on campus at the JCCC texting center. All lab work is computer based and will be completed online.

81306 353 ONLNE	-----	-	08/18/14-12/12/14	Online	Osterhaus G	24 of 24
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Note: Exams are taken on campus at the JCCC texting center. All lab work is computer based and will be completed online.

81307 380 HYB	-----	-	08/18/14-12/12/14	Online	Menon J	24 of 24
	-T-R---	11:00-12:50 PM	08/19/14-12/12/14	SCI 111		

Mandatory Classroom Meetings

Note: This class is composed of four on-campus class hours and two online assignment hours. The lecture portion is mandatory and conducted on-campus.

81308 381 HYB	-----	-	08/18/14-12/12/14	Online	Menon J	24 of 24
	-T-R---	01:00-02:50 PM	08/19/14-12/12/14	SCI 111		

Mandatory Classroom Meetings

Note: This class is composed of four on-campus class hours and two online assignment hours. The lecture portion is mandatory and conducted on-campus.

81309 382 HYB	M-W----	08:00-09:50 AM	08/18/14-12/12/14	SCI 111	Menon J	24 of 24
	-----	-	08/18/14-12/12/14	Online		

Mandatory Classroom Meetings

Note: This class is composed of four on-campus class hours and two online assignment hours. The lecture portion is mandatory and conducted on-campus.

81310 383 HYB	-----	-	08/18/14-12/12/14	Online	Menon J	24 of 24
	-T-R---	03:00-04:50 PM	08/19/14-12/12/14	SCI 111		

Mandatory Classroom Meetings

Note: This class is composed of four on-campus class hours and two online assignment hours. The lecture portion is mandatory and conducted on-campus.

## BIOL 225H - HON: Human Physiology

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL\\_225H](http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL_225H))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81501 03H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## BIOL 227 - Human Pathophysiology

This introduction to the physiology of disease covers common disorders of the body from the cellular to the systemic level. Topics include causes, symptoms, diagnostic tests and treatments of disease. 4 hrs. lecture/wk.

Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 4

Prerequisite: BIOL 144 or BIOL 225

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL\\_227](http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL_227))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81311 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Clark M	24 of 24

Note: Tests will be taken on campus in the Testing Center, SC 334.

81312 351 ONLINE	-----	-	08/18/14-12/12/14	Online	Clark M	24 of 24
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## BIOL 230 - Microbiology

This is a general introductory course in microbiology. It provides a background in many areas of microbiology with an emphasis on medical aspects. The structure, physiology, antimicrobial agents, immunology and host-parasite relationship of microorganisms will be studied, with an emphasis on bacteria. 3 hrs./wk.

Note: Students taking classes toward a Biotechnology Degree should be taking BIOT 230 Microbiology for Biotechnology, instead of BIOL 230 Microbiology or BIOL 231 Microbiology Lab.

Credit Hours: 3

Prerequisite: CHEM 122 or CHEM 124 and CHEM 125 or one year of high school chemistry

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL\\_230](http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81313 001 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	SCI 116	Bird M	27 of 27
81314 002 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	SCI 116	Cunningham J	27 of 27
81315 003 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	SCI 116	Cunningham J	27 of 27
81316 004 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	SCI 116	Olsen R	27 of 27
81317 005 F2F	-T-R---	08:00-09:20 AM	08/19/14-12/12/14	SCI 116	Seitz H	27 of 27
81318 006 F2F	-T-R---	09:30-10:50 AM	08/19/14-12/12/14	SCI 116	Seitz H	27 of 27
81319 007 F2F	-T-R---	11:00-12:20 PM	08/19/14-12/12/14	SCI 116	Soykan K	27 of 27
81320 009 F2F	M-W----	06:00-07:20 PM	08/18/14-12/12/14	SCI 116	Oden J	27 of 27
81321 010 F2F	-T-R---	06:00-07:20 PM	08/19/14-12/12/14	SCI 116	Kincaid M	27 of 27
81322 350 ONLNE	-----	-	09/01/14-12/12/14	Online	Mulcahy E	12 of 12
Note: Exams will be taken in the Testing Center in SC 334 at JCCC. Students are required to complete online orientation.						
81323 351 ONLNE	-----	-	10/13/14-12/07/14	Online	Mulcahy E	27 of 27
Note: Exams will be taken in the Testing Center in SC 334 at JCCC. Students are required to complete online orientation.						
81324 352 ONLNE	-----	-	08/18/14-12/12/14	Online	Seitz H	27 of 27
Note: Exams will be taken in the Testing Center in SC 334 at JCCC. Students are required to complete online orientation.						
81325 380 HYB	-----	-	08/18/14-12/12/14	Online	Seitz H	27 of 27
	-----S-	08:00-08:50 AM	08/23/14-12/12/14	SCI 116		

Mandatory Classroom Meetings

Note: On-campus attendance of lectures is mandatory. The remaining two hours of lecture for this section will be conducted online.

## BIOL 230H - HON: Microbiology

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL\\_230H](http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL_230H))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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Requirement: Department approval

## BIOL 231 - Microbiology Lab

Students will learn aseptic techniques and apply them in the isolation of pure cultures of bacteria. Students will also perform various staining techniques and chemical tests to identify these bacteria. The response of bacteria to changes in environmental conditions will also be examined. Various life stages of medically important parasites will also be observed. 4 hrs. lab/wk.

Note: Students taking classes toward a Biotechnology Degree should be taking BIOT 230 Microbiology for Biotechnology, instead of BIOL 230 Microbiology or BIOL 231 Microbiology Lab.

Credit Hours: 2

Associated Costs: \$35

Prerequisite: BIOL 231 students must be currently enrolled in BIOL 230 or have successfully completed BIOL 230 within the last three years.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL\\_231](http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81327 001 F2F	Lab M-W----	08:00-09:50 AM	08/18/14-12/12/14	SCI 113	Hontz J	24 of 24
81328 002 F2F	Lab M-W----	10:00-11:50 AM	08/18/14-12/12/14	SCI 113	Hontz J	24 of 24
81329 003 F2F	Lab M-W----	12:00-01:50 PM	08/18/14-12/12/14	SCI 113	Cunningham J	24 of 24
81330 004 F2F	Lab M-W----	01:00-02:50 PM	08/18/14-12/12/14	RC 372	Soykan K	16 of 16
81331 005 F2F	Lab M-W----	02:00-03:50 PM	08/18/14-12/12/14	SCI 113	TBA	24 of 24
81332 006 F2F	Lab -T-R---	08:00-09:50 AM	08/19/14-12/12/14	SCI 113	Soykan K	24 of 24
81333 007 F2F	Lab -T-R---	10:00-01:50 PM	10/14/14-12/07/14	RC 372	Mulcahy E	16 of 16
81334 008 F2F	Lab -T-R---	10:00-11:50 AM	08/19/14-12/12/14	SCI 113	TBA	24 of 24
81335 009 F2F	Lab -T-R---	12:00-01:50 PM	08/19/14-12/12/14	SCI 113	Seitz H	24 of 24
81336 010 F2F	Lab -T-R---	02:00-03:50 PM	08/19/14-12/12/14	SCI 113	Olsen R	24 of 24
81337 011 F2F	Lab M-W----	07:30-09:20 PM	08/18/14-12/12/14	SCI 113	Oden J	24 of 24
81338 012 F2F	Lab -T-R---	07:30-09:20 PM	08/19/14-12/12/14	SCI 113	Kincaid M	24 of 24
82367 013 F2F	-----S-	09:00-01:00 PM	08/23/14-12/12/14	SCI 113	Seitz H	24 of 24

## BIOL 235 - General Nutrition

This introductory course provides a basic knowledge of human nutrition. Students will learn the sources and functions of the various nutrients. They will also explore the interaction of diet, disease prevention and treatment. Through the use of a computerized nutrition program, students will analyze their diets for nutritional deficiencies and excesses. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: [CHEM 122 or (CHEM 124 and CHEM 125)] and [BIOL 144 or (BIOL 140 and Pre/Co-requisite: BIOL 225)]

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL\\_235](http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL_235))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81339 001 F2F	-T-R---	11:00-12:20 PM	08/19/14-12/12/14	SCI 124	Able B	24 of 24
Kansas Senate Bill SB 155						
81340 002 F2F	-T-----	05:00-07:50 PM	08/19/14-12/12/14	SCI 118	Riley M	24 of 24
Kansas Senate Bill SB 155						
81341 003 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	SCI 122	Able B	24 of 24
Kansas Senate Bill SB 155						
81342 350 ONLNE	-----	-	08/18/14-12/12/14	Online	Berry S	24 of 24
Kansas Senate Bill SB 155						
81343 351 ONLNE	-----	-	08/18/14-12/12/14	Online	Berry S	24 of 24
Kansas Senate Bill SB 155						

## BIOL 240 - General Pharmacology

This course provides a basic understanding of the science of drugs-how they work and what they do. Students will study various drug concepts including mechanism of action, pharmacologic class, pharmaco-kinetics, pharmacodynamics and clinical implications. 3 hrs. lecture/wk. Spring.

Credit Hours: 3

Prerequisite: BIOL 225

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL\\_240](http://catalog.jccc.edu/fall/coursedescriptions/biol/#BIOL_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81344 350 ONLNE	-----	-	08/18/14-12/12/14	Online	Baumgardner B	24 of 24
Kansas Senate Bill SB 155						
Note: Students will be required to take course tests in the JCCC Testing Center, SC 334.						

## Biotechnology

Missouri residents, see Reverse Cooperative Information (<http://www.jccc.edu/cooperative/cooperative-mcc-residents.html>)

## BIOT 160 - Introduction to Biotechnology

This course is an introduction to biotechnology, including career exploration, history and applications of DNA/RNA technology, molecular biology, and bioethics. Topics include cloning, DNA, antibodies, gene therapy, plant biotechnology, the human genome project, DNA fingerprinting, genetic testing, diverse products made through biotechnology, and the ethical implications of this technology. The course is intended for those interested in pursuing a career in an industrial, academic, or biomedical research laboratory. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisites: (CHEM 122 or CHEM 124 and CHEM 125) and Prerequisite or corequisite BIOL 135 \*All prerequisites and corequisites require a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/biot#BIOT\\_160](http://catalog.jccc.edu/fall/coursedescriptions/biot#BIOT_160))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81937 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Seitz H	20 of 20

Kansas Senate Bill SB 155

## BIOT 165 - Laboratory Safety

This course will emphasize laboratory safety and procedures. Additionally, regulations that govern the biotechnology laboratory will be discussed. Biological, chemical and radiation safety will all be handled through lectures, videotapes, demonstrations and field trips. There will also be exposure to good manufacturing practices (GMP), quality assurance and control procedures (QA/QC), and OSHA and FDA regulations. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisite: (CHEM 122 or CHEM 124 and CHEM 125) and Prerequisite or corequisite BIOL 135 \*All prerequisites and corequisites require a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/biot#BIOT\\_165](http://catalog.jccc.edu/fall/coursedescriptions/biot#BIOT_165))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81938 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Wolfram L	16 of 16

Kansas Senate Bill SB 155

Note: This course has all materials provided online.

## BIOT 230 - Microbiology for Biotechnology

This is an introductory course in microbiology for biotechnology students. It provides a background in many areas of microbiology with an emphasis on molecular aspects and applications for biotechnology. Industrial and food microbiology will also be examined. The structure, physiology, antimicrobial agents, immunology and host-parasite relationship of microorganisms will also be studied, with an emphasis on bacteria. Students will learn aseptic techniques and apply them in the isolation, growth and maintenance of pure cultures of bacteria. Students will also perform various molecular and genetic techniques as well as chemical tests to identify these bacteria. The growth phases of bacteria and response of bacteria to changes in environmental conditions will be examined. 3 hrs lecture, 4 hrs lab /wk.

Credit Hours: 5

Prerequisites: BIOL 135 and BIOT 160 and BIOT 165 All prerequisites require a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/biot#BIOT\\_230](http://catalog.jccc.edu/fall/coursedescriptions/biot#BIOT_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81939 001 F2F	M-W----	04:00-05:20 PM	08/18/14-12/12/14	RC 370	Wolfgram L	16 of 16
	Lab M-W----	05:30-07:20 PM	08/18/14-12/12/14	RC 372		
81940 002 F2F	-T-R---	02:00-03:20 PM	08/19/14-12/12/14	RC 370	Wolfgram L	16 of 16
	Lab -T-R---	03:30-05:20 PM	08/19/14-12/12/14	RC 372		

## BIOT 265 - Biotechnology Internship

The internship will provide advanced students the opportunity to develop job and career-related skills while in a work setting. Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. The work will be developed cooperatively with academic, industrial and private institutional biotechnology laboratories. 20 hrs./wk.

Credit Hours: 4

Prerequisites: BIOT 260 and BIOT 160 and BIOT 165 and department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/biot#BIOT\\_265](http://catalog.jccc.edu/fall/coursedescriptions/biot#BIOT_265))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81941 500 INT	-----	-	08/18/14-12/12/14	 INT	Wolfgram L	8 of 8

Kansas Senate Bill SB 155

Requirement: Department approval

## Business Office Technology

### BOT 101 - Computerized Keyboarding

Upon successful completion of this course, the student should be able to operate a computer keyboard by touch to enter data with speed and accuracy. 1 hr./wk.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT\\_101](http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT_101))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81904 001 F2F	M-W----	12:30-01:45 PM	09/22/14-10/22/14	GEB 351B	Hedberg M	12 of 12
81905 002 F2F	-T-R---	11:00-12:15 PM	10/28/14-11/25/14	GEB 353A	Hedberg M	12 of 12
81906 003 F2F	-T-----	06:00-08:40 PM	09/23/14-10/21/14	GEB 351B	Smith B	12 of 12
81907 350 ONLNE	-----	-	08/18/14-09/17/14	Online	Hedberg M	20 of 20
	--W----	03:00-05:50 PM	09/17/14-09/17/14	GEB 353B		
81908 351 ONLNE	-----	-	08/18/14-09/17/14	Online	Hedberg M	20 of 20
	--W----	03:00-05:50 PM	09/17/14-09/17/14	GEB 353B		

## BOT 103 - Business English

Upon successful completion of this course, the student should be able to demonstrate the basic rules of English, develop correct sentence structure and use accurate English grammar and mechanics when writing documents. Students also will be able to proofread written work using standard proofreading symbols. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT\\_103](http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT_103))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81909 001 F2F	M-W----	11:00-12:15 PM	08/18/14-12/12/14	GEB 353B	Mealman K	18 of 18
81910 002 F2F	M-----	06:00-08:40 PM	08/18/14-12/12/14	GEB 353B	Horne S	18 of 18

## BOT 105 - Keyboarding and Formatting I

Upon successful completion of this course, the student should be able to develop speed and accuracy by learning to use the alphabetic, numeric and symbol keys by touch; identify and operate the basic machine parts and special purpose keys; and format and type personal correspondence and business documents - letters, reports, tables and memos. Microsoft Word will be used in this class to complete and format documents. 3 hrs./wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT\\_105](http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT_105))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81912 001 F2F	M-W----	11:00-12:15 PM	08/18/14-12/12/14	GEB 353A	Hedberg M	18 of 18
81913 002 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	GEB 353A	Hedberg M	18 of 18



## BOT 106 - Intro to Business Computer Applications

Upon successful completion of this course, the student should be able to use the beginning features of an operating system and word processing, spreadsheet, database management, presentation graphics, and e-mail programs to prepare and manage documents simulating legal, medical and general business office applications. Proficiency will also be attained in selecting appropriate applications to use and to integrate all of the business computer application programs to complete projects. Document formatting and proofreading will also be introduced. Hands-on, practical projects will be performed to reinforce the concepts taught. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite or corequisite: BOT 105

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT\\_106](http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT_106))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81915 001 F2F	M-W----	01:00-02:15 PM	08/18/14-12/12/14	GEB 353A	Mealman K	18 of 18
Kansas Senate Bill SB 155						
81916 002 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	GEB 353B	Gerdes C	18 of 18
Kansas Senate Bill SB 155						

## BOT 110 - Skillbuilding I

Upon successful completion of this course, the student should be able to use a diagnostic approach to develop typing speed and accuracy. Specific problems will be identified, and the student should be able to complete specialized drills and activities tailored to the student's own typing needs to improve or eliminate deficiencies. 1 hr./wk. Students attempting to take the short-term classes BOT 110 Skillbuilding I and BOT 118 Skillbuilding II in the same semester, should contact Kathy at 913-469-8500 ext 3145, and provide their student ID number and the CRN for the specific BOT 118 section

Credit Hours: 1

Prerequisite: BOT 105

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT\\_110](http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT_110))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81917 001 F2F	---R---	06:00-08:40 PM	08/21/14-09/18/14	GEB 353A	McPhee J	12 of 12

## BOT 115 - Electronic Calculators

Upon successful completion of this course, the student should be able to review basic arithmetic, operate the electronic calculator by touch to build speed and accuracy, use basic calculator functions and operating controls, and solve business application problems. 3 hrs. lecture/wk.

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Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT\\_115](http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT_115))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81918 001 F2F	M-W----	09:30-10:45 AM	10/27/14-11/24/14	GEB 351B	Mealman K	12 of 12
Kansas Senate Bill SB 155						
81919 002 F2F	-T-----	06:00-08:40 PM	08/19/14-09/16/14	GEB 351B	Smith B	12 of 12
Kansas Senate Bill SB 155						

## BOT 118 - Skillbuilding II

Upon successful completion of this course, the student should further develop speed and accuracy. The student should be able to improve keyboard skills through diagnostic evaluation and by completing individualized drills and activities. 1 hr. lecture/wk. Students attempting to take the short-term classes BOT 110 Skillbuilding I and BOT 118 Skillbuilding II in the same semester, should contact Kathy at 913-469-8500 ext 3145, and provide their student ID number and the CRN for the specific BOT 118 section

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Credit Hours: 1

Prerequisite: BOT 110

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT\\_118](http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT_118))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81920 001 F2F	---R---	06:00-08:40 PM	08/21/14-09/18/14	GEB 353A	McPhee J	6 of 6

## BOT 122 - Medical Keyboarding

Upon successful completion of this course, the student should be able to develop keyboarding speed and accuracy in medical formats. The student should also be able to improve keyboard skills by completing drills and activities pertaining to the transcription of medical reports. 1 hr. lecture/wk.

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Credit Hours: 1

Prerequisite: BOT 105

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT\\_122](http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
	-T-R---	12:30-01:45 PM	11/04/14-12/04/14	GEB 351B	Mealman K	12 of 12

## BOT 125 - Document Formatting

Upon successful completion of this course, the student should be able to type business letters with special features, memorandums, reports, tables and a variety of administrative documents. The student should also be able to use Microsoft Word to complete these activities. 1 hr./wk.

Credit Hours: 1

Prerequisite: BOT 155

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT\\_125](http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81922 001 F2F	M-W----	11:00-12:15 PM	10/27/14-12/01/14	GEB 351B	Smith B	12 of 12

Kansas Senate Bill SB 155

## BOT 130 - Office Systems Concepts

Upon successful completion of this course, the student should be able to understand and apply technological factors of contemporary office systems. Implementation of office automation concepts will be examined as they relate to people, technology and organizations. These concepts will be applied to organizational and strategic planning to enhance productivity in the office. 3 hrs./wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT\\_130](http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81923 001 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	GEB 351B	Tatum D	12 of 12

Kansas Senate Bill SB 155

81924 002 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	GEB 351B	Tatum D	12 of 12
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Kansas Senate Bill SB 155

## BOT 141 - Electronic Health Records

This course prepares students to effectively use electronic health record and practice management software used in medical practices. Emphasis will be placed on handling patient records and transactions including insurance and claim processing. Students will manage related administrative tasks; such as, scheduling appointments, posting payments, and creating statements and reports. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite or corequisite: BOT 105 or proficiency exam or BOT 105 waiver exam

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT\\_141](http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT_141))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81925 001 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	GEB 353B	Mealman K	18 of 18
Kansas Senate Bill SB 155						
81926 002 F2F	M-----	06:00-08:40 PM	08/18/14-12/12/14	GEB 353A	Harrell D	18 of 18
Kansas Senate Bill SB 155						

## BOT 142 - Legal and Ethical Issues in Healthcare

Designed on the basic constructs of the US legal system this course is an introduction to the process of legal/ethical interactions with healthcare professionals including but are not limited to law enforcement, malpractice, negligence and privacy acts (HIPAA). 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT\\_142](http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT_142))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82989 001 F2F	--W----	02:00-04:50 PM	08/20/14-12/12/14	RC 221	O'Dell R	15 of 15
Kansas Senate Bill SB 155						
82990 002 F2F	----F--	02:00-04:50 PM	08/22/14-12/12/14	RC 221	O'Dell R	15 of 15
Kansas Senate Bill SB 155						

## BOT 150 - Records Management

Methods for developing and controlling an office records management program will be discussed. Selection of equipment for active and inactive records will be covered, along with procedures for document, card and special records; microrecords; mechanized and automated records; and records storage, retention and transfer. Upon successful completion of this course, the student should be able to file documents using alphabetic, subject, consecutive numeric, terminal digit numeric and geographic filing systems using requisition charge out and transfer procedures. The student should be able to create a computer database for records management; enter, modify and delete records; print reports; and determine disposition of records filed alphabetically, numerically, by subject and geographically. The course will cover the identification of evaluation methods and standards for both staff and programs in a records management department. 3 hrs./wk. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 3

Prerequisite: BOT 106 or experience using Microsoft Access

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT\\_150\)](http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81927 001 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	GEB 353B	Mealman K	18 of 18

Kansas Senate Bill SB 155

## BOT 155 - Word Processing Application I

Upon successful completion of this course, the student should be able to demonstrate skill in creating, saving, opening, closing, printing and editing documents. The student should be able to use beginning and intermediate features of Microsoft Word. The student should be able to demonstrate file maintenance procedures. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisites: BOT 105 and BOT 106

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT\\_155\)](http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81928 001 F2F	--W----	06:00-08:40 PM	08/20/14-10/22/14	GEB 353B	Smith B	18 of 18

Kansas Senate Bill SB 155

## BOT 160 - Legal Transcription

Upon successful completion of this course, the student should be able to demonstrate skill in spelling, defining, pronouncing and using legal terms in proper context. The student should also be able to use legal reference resources and transcribe legal documents from dictation using proper formatting rules. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: BOT 155

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT\\_160\)](http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82983 960 IND	---R---	06:00-08:50 PM	08/21/14-12/12/14	GEB 351B	Davis M	12 of 12

Kansas Senate Bill SB 155

## BOT 180 - Business Spreadsheet Applications

Upon successful completion of this course, the student should be able to demonstrate competencies in using advanced formatting techniques, advanced features and advanced functions of Microsoft Excel. The following topics will be covered: working with templates, workbooks and lists; using Excel's analysis tools; managing and auditing

worksheets; collaborating with workgroups; creating and editing macros; and importing and exporting data. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisite: BOT 106

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT\\_180](http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT_180))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81930 001 F2F	M-----	09:00-10:15 AM	08/18/14-10/20/14	GEB 353B	Mealman K	18 of 18

Kansas Senate Bill SB 155

## BOT 185 - Business Database Applications

Upon successful completion of this course, the student should be able to demonstrate database development skills by effectively identifying the types of projects that should be developed using Microsoft Access rather than a spreadsheet; build tables that can be related to each other in order to eliminate data entry duplication; customize forms and reports; create basic and advance queries; and define relational integrity between tables. The student should also be able to create basic and advanced queries with single and multiple tables using Boolean logic. The student should be able to identify and implement methods of troubleshooting and explain ways of getting additional help. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisite: BOT 106

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT\\_185](http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT_185))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81931 001 F2F	---R---	06:00-07:35 PM	10/02/14-12/04/14	GEB 353A	Johnstone B	18 of 18

Kansas Senate Bill SB 155

## BOT 205 - Professional Image Development

Upon successful completion of this course, the student should be able to develop work habits and self-management skills that will affect performance on the job by reducing stress, conflict and miscommunication. 1 hr. lecture/wk.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT\\_205](http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81932 001 F2F	-T-----	06:00-08:40 PM	10/28/14-11/25/14	GEB 353A	TBA	18 of 18

## BOT 255 - Word Processing Applications II

Upon successful completion of this course, the student should be able to demonstrate word processing skills using such features as macros, styles, tables of contents and indexes, graphics, master and subdocuments, and other advanced features of Microsoft Word. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: BOT 155

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT\\_255](http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT_255))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81933 001 F2F	-T-----	06:00-08:40 PM	08/19/14-10/21/14	GEB 353A	Hedberg M	18 of 18

Kansas Senate Bill SB 155

## BOT 260 - Desktop Publishing for the Office

Upon successful completion of this course, the student should be able to use desktop publishing skills using Microsoft Publisher to produce publications such as fliers, newsletters, brochures, operating manuals, price lists and bulletins. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: BOT 155

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT\\_260](http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT_260))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81934 001 F2F	M-----	06:00-08:40 PM	08/18/14-12/12/14	GEB 351B	TBA	12 of 12

Kansas Senate Bill SB 155

## BOT 275 - Office Internship I

The student should be able to gain work experience in an approved training station under instructional supervision in Administrative Assistant, Medical, Legal, or Certificate Programs. The course will provide practical experience in the use of skills acquired in Business Office Technology specialty courses. The internship will require a minimum of 185 hours of job training.

Credit Hours: 1

Prerequisite: Admission to the business office technology program. This course should be taken near the end of the BOT degree or certificate program.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT\\_275](http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT_275))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81935 500 INT	-----	-	08/18/14-12/12/14		Hedberg M	20 of 20

Kansas Senate Bill SB 155

## BOT 280 - Office Internship II

The student should be able to gain work experience in an approved training station under instructional supervision in Administrative Assistant, Medical, Legal, or Certificate Programs. The course will provide practical experience using skills acquired in Business Office Technology courses. The internship will require a minimum of 185 hours per semester job training.

Credit Hours: 1

Prerequisite: BOT 275

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT\\_280](http://catalog.jccc.edu/fall/coursedescriptions/bot/#BOT_280))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81936 500 INT	-----	-	08/18/14-12/12/14		Hedberg M	20 of 20

Kansas Senate Bill SB 155

## Business

### BUS 120 - Management Attitudes and Motivation

Upon successful completion of this course, the student should be able to assess personal strengths and weaknesses and set goals for personal and professional life, define communication and listening skills, analyze human relations problems, apply problem-solving strategies to human relations issues in the workplace, and define and compare management styles. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bus/#BUS\\_120](http://catalog.jccc.edu/fall/coursedescriptions/bus/#BUS_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80930 001 F2F	----F--	06:00-09:30 PM	10/31/14-11/14/14	GEB 256	Courtney S	32 of 32
	-----S-	08:00-06:30 PM	11/01/14-11/15/14	GEB 256		

Kansas Senate Bill SB 155

### BUS 121 - Introduction to Business



Upon successful completion of this course, the student should be able to explain the basic principles of the American free enterprise economic system. In addition, the student should be able to explain the fundamentals of starting a business and the interrelationship among the four functional areas: accounting, finance, management and marketing.  
3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bus/#BUS\\_121](http://catalog.jccc.edu/fall/coursedescriptions/bus/#BUS_121))

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
80933 001 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	GEB 258	Gallagher K	24 of 24
Kansas Senate Bill SB 155						
80936 002 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	GEB 258	Gallagher K	24 of 24
Kansas Senate Bill SB 155						
80937 003 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	GEB 379	Homer E	22 of 22
Kansas Senate Bill SB 155						
80939 004 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	GEB 258	Hinds A	24 of 24
Kansas Senate Bill SB 155						
80940 005 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	ITC 187	Fleming S	17 of 17
Kansas Senate Bill SB 155						
80941 006 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	ITC 187	Fleming S	17 of 17
Kansas Senate Bill SB 155						
80942 007 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	GEB 258	Hinds A	24 of 24
Kansas Senate Bill SB 155						
80943 008 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	CC 329	Sopcich J	24 of 24
Kansas Senate Bill SB 155						
80944 009 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	OCB 246	Rasmussen L	32 of 32
Kansas Senate Bill SB 155						
83014 010 F2F	-T-R---	07:00-09:50 PM	10/13/14-12/07/14	GEB 213	TBA	25 of 25
Kansas Senate Bill SB 155						
80945 350 ONLNE	-----	-	08/18/14-12/12/14	Online	Gallagher K	20 of 20
Kansas Senate Bill SB 155						
80946 351 ONLNE	-----	-	08/18/14-12/12/14	Online	Gallagher K	20 of 20
Kansas Senate Bill SB 155						
80947 352 ONLNE	-----	-	08/18/14-12/12/14	Online	Gallagher K	20 of 20
Kansas Senate Bill SB 155						
80948 353 ONLNE	-----	-	08/18/14-12/12/14	Online	Noel M	20 of 20

Kansas Senate Bill SB 155

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80949	354	ONLNE	-----	-	08/18/14-12/12/14	Online	Noel M	20 of 20
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Kansas Senate Bill SB 155

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80950	355	ONLNE	-----	-	09/02/14-12/12/14	Online	Farmer C	20 of 20
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Kansas Senate Bill SB 155

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80951	356	ONLNE	-----	-	08/18/14-12/12/14	Online	Stannard J	20 of 20
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Kansas Senate Bill SB 155

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80952	357	ONLNE	-----	-	10/13/14-12/05/14	Online	Noel M	20 of 20
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Kansas Senate Bill SB 155

## BUS 123 - Personal Finance

Upon successful completion of this course, the student should be able to define the role of a consumer in the economy; develop a basic financial plan; apply budgeting procedures in a daily and monthly spending plan; calculate principal and interest; define the types of consumer credit; identify the types of housing mortgages; and explain the important considerations in buying, selling and renting. In addition, the student should be able to calculate individual insurance needs in the areas of life insurance, health insurance, property and liability insurance, automobile insurance and other types of special insurance and be able to explain employee and retirement benefits, including tax-sheltered plans. 3 hrs. lecture/wk.

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Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/bus/#BUS\\_123\)](http://catalog.jccc.edu/fall/coursedescriptions/bus/#BUS_123)

[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80953 001 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	GEB 379	Forbes H	22 of 22
80954 002 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	GEB 379	Begley J	22 of 22
80956 003 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	OCB 246	Begley J	24 of 24
80955 004 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	GEB 258	Lundeen S	24 of 24
81073 350 ONLNE	-----	-	08/18/14-12/12/14	Online	Hussein S	20 of 20
81076 351 ONLNE	-----	-	08/18/14-12/12/14	Online	Hussein S	20 of 20
81079 352 ONLNE	-----	-	08/18/14-12/12/14	Online	Hussein S	20 of 20
81080 353 ONLNE	-----	-	08/18/14-12/12/14	Online	Noel M	20 of 20
81081 354 ONLNE	-----	-	10/13/14-12/07/14	Online	Noel M	20 of 20

## BUS 140 - Principles of Supervision

Upon successful completion of this course, the student should be able to define the supervisor's role within a company and identify the skills necessary to successfully fulfill that role. In addition, the student should be able to determine the supervisor's role in supervising employees on an individual basis and as a group. The student should also be able to apply the principles of supervision in simulated work situations. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bus/#BUS\\_140](http://catalog.jccc.edu/fall/coursedescriptions/bus/#BUS_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81082 001 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CLB 314	Nikravan S	30 of 30
Kansas Senate Bill SB 155						
81083 002 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	CC 324	Postlewait J	24 of 24
Kansas Senate Bill SB 155						
81084 350 ONLNE	-----	-	08/18/14-12/12/14	Online	Webb F	20 of 20
Kansas Senate Bill SB 155						
81085 351 ONLNE	-----	-	08/18/14-12/12/14	Online	Webb F	20 of 20
Kansas Senate Bill SB 155						
81086 352 ONLNE	-----	-	08/18/14-12/12/14	Online	Webb F	20 of 20
Kansas Senate Bill SB 155						

## BUS 141 - Principles of Management

Upon successful completion of this course, the student should be able to state the basic functions of management, explain the nature of organizations and organizational theories and types, explain the importance of effective communication within the organizational structure, develop and define the techniques for directing and motivating employees, explain the effects of change on an organization, and develop techniques for coping with those effects. In addition, the student should be able to explain and discuss the application of business ethics in managerial decision-making. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bus/#BUS\\_141](http://catalog.jccc.edu/fall/coursedescriptions/bus/#BUS_141))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81087 001 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	ITC 183	Begley J	18 of 18
Kansas Senate Bill SB 155						
81088 002 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	GEB 256	Kolich R	32 of 32
Kansas Senate Bill SB 155						
81089 003 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	GEB 258	Grandgenett C	24 of 24
Kansas Senate Bill SB 155						

81090	350	ONLNE	-----	-	08/18/14-12/12/14	Online	Webb F	20 of 20
Kansas Senate Bill SB 155								
81091	351	ONLNE	-----	-	08/18/14-12/12/14	Online	Webb F	20 of 20
Kansas Senate Bill SB 155								
81092	352	ONLNE	-----	-	08/18/14-12/12/14	Online	Webb F	20 of 20
Kansas Senate Bill SB 155								
81094	353	ONLNE	-----	-	08/18/14-12/12/14	Online	Webb F	20 of 20
Kansas Senate Bill SB 155								
81097	354	ONLNE	-----	-	08/18/14-12/12/14	Online	Nikravan S	20 of 20
Kansas Senate Bill SB 155								

## BUS 145 - Small Business Management

Upon successful completion of this course, the student should be able to demonstrate an understanding of management techniques vital to small business. In addition, the student should be able to apply decision making skills in the areas of business start-up choosing the form of ownership, marketing, financial planning and managing the small business. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bus/#BUS\\_145](http://catalog.jccc.edu/fall/coursedescriptions/bus/#BUS_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open		
81099	001	F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	ITC 183	Homer E	18 of 18
Kansas Senate Bill SB 155								
81100	002	F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	ITC 187	Feagan C	17 of 17
Kansas Senate Bill SB 155								
81101	350	ONLNE	-----	-	08/18/14-12/12/14	Online	TBA	20 of 20
Kansas Senate Bill SB 155								

## BUS 150 - Business Communications

Upon successful completion of this course, the student should be able to explain the role of communication in the business environment and identify the most effective methods for creating, sending and receiving messages. In addition, the student should be able to use effective oral and written communication skills in business; write and evaluate business documents, including letters, memos, and reports using the principles of correct style, organization and format; and prepare an effective oral business presentation. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 121

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bus/#BUS\\_150](http://catalog.jccc.edu/fall/coursedescriptions/bus/#BUS_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81102 001 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	ITC 183	Anderson K	18 of 18
Kansas Senate Bill SB 155						
81103 002 F2F	M-W-F--	12:00-12:50 PM	09/03/14-12/12/14	ITC 183	Anderson K	18 of 18
Kansas Senate Bill SB 155						
81108 003 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	GEB 379	Paldino L	22 of 22
Kansas Senate Bill SB 155						
81113 004 F2F	----F--	06:00-09:00 PM	09/05/14-10/03/14	OCB 246	Hughey K	32 of 32
	-----S-	08:30-02:00 PM	09/06/14-10/04/14	OCB 246		
Kansas Senate Bill SB 155						
81115 350 ONLNE	-----	-	08/18/14-12/12/14	Online	Noel M	20 of 20
Kansas Senate Bill SB 155						
81118 351 ONLNE	-----	-	08/18/14-12/12/14	Online	Noel M	20 of 20
Kansas Senate Bill SB 155						
81121 352 ONLNE	-----	-	08/18/14-12/12/14	Online	Gallagher K	20 of 20
Kansas Senate Bill SB 155						
82782 353 ONLNE	-----	-	08/18/14-12/12/14	Online	Gallagher K	20 of 20
Kansas Senate Bill SB 155						

## BUS 175 - Business Professional Skills

Upon successful completion of this course, the student will learn the important characteristics of business success variables found among business leaders and entrepreneurs -- their skillfulness in creating rapport and relating well with others, as well as their reputation for honesty and ethical behavior. Business leaders in our society are faced with daily opportunities to make decisions, negotiate, resolve conflict, and build trust. Students will demonstrate awareness and effective application of these skills understanding its dramatic affects on morale, teamwork, productivity, employee retention, customer relations, and the bottom line. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bus/#BUS\\_175](http://catalog.jccc.edu/fall/coursedescriptions/bus/#BUS_175))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81123 001 F2F	-T-----	02:00-04:00 PM	09/09/14-12/09/14	RC 342	Duffey D	16 of 16

## BUS 215 - Savings and Investments

Upon successful completion of this course, the student should be able to define, analyze and evaluate types of savings instruments and other investments. In addition, the student should be able to determine which instruments are desirable for a personal financial plan. The student should also be able to demonstrate an understanding of basic financial-planning concepts and tax-planning procedures. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bus/#BUS\\_215](http://catalog.jccc.edu/fall/coursedescriptions/bus/#BUS_215))

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
81125 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Fleming S	20 of 20

Kansas Senate Bill SB 155

## BUS 225 - Human Relations

Upon successful completion of this course, the student should be able to evaluate the impact of human relations as it relates to the social system, technical system and administrative system of a work environment. In addition, the student should be able to analyze these systems and their effects on individual group and organizational performance. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bus/#BUS\\_225](http://catalog.jccc.edu/fall/coursedescriptions/bus/#BUS_225))

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
81126 001 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	SCI 120	Richards H	24 of 24
81128 002 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	SCI 122	Ferguson G	24 of 24
81129 003 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	ITC 187	Ferguson G	17 of 17
81127 004 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	GEB 217	Rasmussen L	32 of 32
81130 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Korb J	20 of 20
81131 351 ONLINE	-----	-	08/18/14-12/12/14	Online	Korb J	20 of 20
81132 352 ONLINE	-----	-	08/18/14-12/12/14	Online	Smith J	20 of 20
81133 353 ONLINE	-----	-	08/18/14-12/12/14	Online	Hughey K	20 of 20

## BUS 235 - Introduction to International Business

This course is designed to introduce the student to the global economy. Differences in political, economic and cultural forces within countries will be analyzed and national competitiveness assessed. Cross-border trade and investment and the global monetary system will be introduced and analyzed. Competition and a firm's international business strategy in the global marketplace will be examined. Ethical issues in international business global marketing and international human resource management practices will be examined as well. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bus/#BUS\\_235](http://catalog.jccc.edu/fall/coursedescriptions/bus/#BUS_235))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81134 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Hussein S	20 of 20
Kansas Senate Bill SB 155						
81135 351 ONLINE	-----	-	08/18/14-12/12/14	Online	Hussein S	20 of 20
Kansas Senate Bill SB 155						

## BUS 243 - Human Resource Management

Upon successful completion of this course, the student should be able to state the principles of human resource management; describe the human resource function as an integral part of management; differentiate between roles of the personnel and line manager in the management of human resources; define and evaluate strategic planning, recruitment, selection and training; define the primary methods of human resource development; employ methods of employer appraisal; and state the major components and coverages of the Equal Employment Opportunity Act and other personnel/human resource-related laws. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/bus/#BUS\\_243](http://catalog.jccc.edu/fall/coursedescriptions/bus/#BUS_243))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81136 001 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	SCI 120	Richards H	24 of 24
Kansas Senate Bill SB 155						
81137 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Hussein S	20 of 20
Kansas Senate Bill SB 155						
81138 351 ONLINE	-----	-	08/18/14-12/12/14	Online	Hussein S	20 of 20
Kansas Senate Bill SB 155						

## BUS 261 - Business Law I

This course is designed to introduce the students to the American legal system. Principles of legal ethics in business will be introduced. Principles of common law of contracts will be discussed. Sections of Uniform Commercial Code as applied to the law of sales and law of negotiable instruments will be introduced. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: RDG 126 or College Reading Readiness (<http://www.jccc.edu/credit-enrollment/reading-readiness.html>)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81139 001 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	ITC 183	Baker M	18 of 18
Kansas Senate Bill SB 155						
81140 002 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	ITC 183	Baker M	18 of 18
Kansas Senate Bill SB 155						
81141 003 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	GEB 258	Crawford T	24 of 24
Kansas Senate Bill SB 155						
81142 004 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	GEB 258	Crawford T	24 of 24
Kansas Senate Bill SB 155						
81143 005 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	CC 324	Buck R	24 of 24
Kansas Senate Bill SB 155						
81144 006 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	CC 324	Waldman E	24 of 24
Kansas Senate Bill SB 155						
81145 350 ONLNE	-----	-	08/18/14-12/12/14	Online	Crawford T	20 of 20
Kansas Senate Bill SB 155						
81146 351 ONLNE	-----	-	08/18/14-12/12/14	Online	Crawford T	20 of 20
Kansas Senate Bill SB 155						
81147 352 ONLNE	-----	-	08/18/14-12/12/14	Online	Hawk G	20 of 20
Kansas Senate Bill SB 155						
82814 353 ONLNE	-----	-	08/18/14-12/12/14	Online	Hawk G	20 of 20
Kansas Senate Bill SB 155						

## BUS 263 - Business Law II

A continuation of Business Law I, this course will introduce the student to the principles of Uniform Commercial Code as applied to secured transactions. The law of bankruptcy, principles of agency and business organizations such as partnerships, limited partnerships, joint ventures, corporations, and sole proprietorships will be discussed. Principles of real property, personal property, bailments, estate and trusts, insurance and environmental law will be introduced. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: BUS 261

CRN	Days	Time	Date	Location	Instructor	Seats Open
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81148 001 F2F -T-R--- 12:30-01:45 PM 08/19/14-12/12/14 LIB 353B Crawford T 24 of 24

Kansas Senate Bill SB 155

81149 002 F2F M----- 06:00-08:50 PM 08/18/14-12/12/14 ITC 183 Bedell T 18 of 18

Kansas Senate Bill SB 155

81150 350 ONLNE ----- - 08/18/14-12/12/14 Online Pener M 20 of 20

Kansas Senate Bill SB 155

81151 351 ONLNE ----- - 08/18/14-12/12/14 Online Stewart-Ayala N 20 of 20

Kansas Senate Bill SB 155

## Computer Desktop Publishing

### CDTP 135 - Desktop Photo Manipulation I: Photoshop

In this career-related short course, students will manipulate digital photographs and images using a variety of basic techniques on either the Macintosh or PC computer platform. Students will apply techniques to correct, repair, retouch, create selections, and work with layers on a variety of digital photographs and images, including basic scanning techniques. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$15 to 20

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cdtp/#CDTP\\_135](http://catalog.jccc.edu/fall/coursedescriptions/cdtp/#CDTP_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82761 001 F2F	-T-----	06:00-08:45 PM	08/19/14-09/16/14	RC 374	TBA	15 of 15
Kansas Senate Bill SB 155						
82763 002 F2F	---R---	12:00-02:45 PM	08/21/14-09/18/14	RC 374	Hincks B	15 of 15
Kansas Senate Bill SB 155						
82764 003 F2F	----F--	11:00-01:45 PM	08/22/14-09/19/14	RC 376	TBA	15 of 15
Kansas Senate Bill SB 155						
82765 004 F2F	-----S-	11:00-01:45 PM	08/23/14-09/20/14	RC 376	TBA	15 of 15
Kansas Senate Bill SB 155						
82766 005 F2F	-T-----	08:00-10:45 AM	09/23/14-10/21/14	RC 374	Hincks B	15 of 15
Kansas Senate Bill SB 155						
82767 006 F2F	-T-----	11:00-01:45 PM	09/23/14-10/21/14	RC 376	TBA	15 of 15
Kansas Senate Bill SB 155						
82768 007 F2F	--W----	03:00-05:45 PM	09/24/14-10/22/14	RC 374	Hincks B	15 of 15
Kansas Senate Bill SB 155						

82769	008 F2F	---R---	08:00-10:45 AM	09/23/14-10/23/14	RC 374	TBA	15 of 15
Kansas Senate Bill SB 155							
82770	010 F2F	M-----	12:00-02:45 PM	09/29/14-10/27/14	RC 374	Hincks B	15 of 15
Kansas Senate Bill SB 155							
82830	011 F2F	-T-----	12:00-02:45 PM	10/28/14-11/25/14	RC 374	TBA	15 of 15
Kansas Senate Bill SB 155							
82772	012 F2F	--W----	06:00-08:45 PM	10/29/14-12/03/14	RC 374	TBA	15 of 15
Kansas Senate Bill SB 155							
82773	013 F2F	-----S-	08:00-10:45 AM	11/01/14-12/06/14	RC 374	TBA	15 of 15
Kansas Senate Bill SB 155							
82774	350 ONLNE	-----	-	08/18/14-09/22/14	Online	Goodman D	15 of 15
Kansas Senate Bill SB 155							
82775	351 ONLNE	-----	-	08/18/14-09/22/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155							
82776	352 ONLNE	-----	-	09/29/14-10/27/14	Online	Goodman D	15 of 15
Kansas Senate Bill SB 155							
82778	353 ONLNE	-----	-	11/03/14-12/01/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155							

## CDTP 140 - Desktop Publishing I: InDesign

In this career-related course, students will create page layout documents using a variety of basic techniques on either the Macintosh or PC computer platform. Students will produce text material with complex tabs and indents and style attributes. Upon successful completion of the course, students will also be able to group and distribute multiple elements and demonstrate a basic proficiency with drawing tools, multiple document work, drop caps, text rotation, locking items and threading text blocks. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$15 to 90

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cdtp/#CDTP\\_140](http://catalog.jccc.edu/fall/coursedescriptions/cdtp/#CDTP_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
82779	001 F2F	---R---	06:00-08:45 PM	08/21/14-09/18/14	RC 374	TBA	15 of 15
Kansas Senate Bill SB 155							
82832	002 F2F	-T-----	08:00-10:45 AM	10/28/14-11/25/14	RC 374	Hincks B	15 of 15
Kansas Senate Bill SB 155							
82833	003 F2F	-T-----	11:00-01:45 PM	10/28/14-11/25/14	RC 376	TBA	15 of 15

Kansas Senate Bill SB 155

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82781	004 F2F	--W----	03:00-05:45 PM	10/29/14-12/03/14	RC 376	TBA	15 of 15
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Kansas Senate Bill SB 155

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82783	005 F2F	---R---	08:00-10:45 AM	10/30/14-12/04/14	RC 374	Hincks B	15 of 15
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Kansas Senate Bill SB 155

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82784	006 F2F	M-----	12:00-02:45 PM	11/03/14-12/01/14	RC 374	TBA	15 of 15
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Kansas Senate Bill SB 155

## CDTP 145 - Desktop Illustration I: Illustrator

In this career-related course, students will create basic computer-generated illustrations using a variety of techniques on either the Macintosh or Windows PC computer platform. Students will draw simple paths and shapes, create layers, import graphics and add typographic elements in rows and columns with runarounds, baseline shifts and conversion to outlines. 1 hr. lecture/wk.

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Credit Hours: 1

Associated Costs: \$15 to 90

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cdtp/#CDTP\\_145](http://catalog.jccc.edu/fall/coursedescriptions/cdtp/#CDTP_145))

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CRN	Days	Time	Date	Location	Instructor	Seats Open
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82785	001 F2F	M-----	12:00-02:45 PM	08/18/14-09/22/14	RC 374	Hincks B	15 of 15
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Kansas Senate Bill SB 155

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82786	002 F2F	M-----	06:00-08:45 PM	08/18/14-09/22/14	RC 374	Hincks B	15 of 15
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Kansas Senate Bill SB 155

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82787	003 F2F	-T-----	08:00-10:45 AM	08/19/14-09/16/14	RC 374	Hincks B	15 of 15
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Kansas Senate Bill SB 155

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82788	004 F2F	-T-----	12:00-03:00 PM	08/19/14-09/16/14	RC 374	Hincks B	15 of 15
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Kansas Senate Bill SB 155

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82789	005 F2F	--W----	12:00-02:45 PM	08/20/14-09/17/14	RC 374	Hincks B	15 of 15
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Kansas Senate Bill SB 155

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82790	006 F2F	--W----	03:00-05:45 PM	08/20/14-09/17/14	RC 376	TBA	15 of 15
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Kansas Senate Bill SB 155

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82834	007 F2F	---R---	08:00-10:45 AM	08/21/14-09/21/14	RC 374	Hincks B	15 of 15
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Kansas Senate Bill SB 155

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82835	008 F2F	---R---	02:00-04:45 PM	10/30/14-12/04/14	RC 376	TBA	15 of 15
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Kansas Senate Bill SB 155

## CDTP 155 - Desktop Photo Manipulation II: Photoshop

In this career-related short course, students will manipulate digital photographs and images using a variety of introductory to intermediate techniques on either the Macintosh or PC computer platform. Students will apply techniques to edit masks and channels, process and enhance multiple image file formats, group and apply adjustments to layers, automate common tasks, create composite images, learn and apply intermediate scanning techniques, and apply multiple creative and adjustment filters on a variety of digital photographs and images. 1 hr. lecture/wk.

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Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CDTP 135

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/ctdp/#CDTP\\_155](http://catalog.jccc.edu/fall/coursedescriptions/ctdp/#CDTP_155))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82836 001 F2F	-T-----	06:00-08:45 PM	09/23/14-10/21/14	RC 376	TBA	15 of 15
Kansas Senate Bill SB 155						
82837 002 F2F	---R---	02:00-04:45 PM	09/25/14-10/23/14	RC 376	TBA	15 of 15
Kansas Senate Bill SB 155						
82838 350 ONLNE	-----	-	09/29/14-10/27/14	Online	Goodman D	15 of 15
Kansas Senate Bill SB 155						
82839 351 ONLNE	-----	-	09/29/14-10/27/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155						
82840 352 ONLNE	-----	-	11/03/14-12/01/14	Online	Goodman D	15 of 15
Kansas Senate Bill SB 155						

## CDTP 160 - Desktop Publishing II: InDesign

In this career-related course, students will create intermediate-level page layout documents using a variety of techniques on either the Macintosh or PC computer platform. Students will learn how to work with type styles, threads, columns, special characters, hanging indents, vertical spacing and tables as well as exploring PDF files. Students will also be able to master several aspects of working with graphic images: placing images, linking, clipping paths, libraries, grids, Bezier drawing, compound paths and reflections. Finally, students will work with advanced framing techniques to nest frames within shapes. 1 hr. lecture/wk.

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Credit Hours: 1

Associated Costs: \$15 to 90

Prerequisite: CDTP 140

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cdtp/#CDTP\\_160](http://catalog.jccc.edu/fall/coursedescriptions/cdtp/#CDTP_160))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82841 001 F2F	---R---	06:00-08:45 PM	09/25/14-10/23/14	RC 374	TBA	15 of 15

Kansas Senate Bill SB 155

## CDTP 165 - Desktop Illustration II: Illustrator

In this career-related course, students will create intermediate-level computer-generated illustrations using a variety of techniques on either the Macintosh or PC computer platform. Students will trace an object, create complex gradients with custom blends, create complex objects receding toward a vanishing point, and create an orthogonal projection to simulate depth. 1 hr. lecture /wk.

Credit Hours: 1

Associated Costs: \$15 to 90

Prerequisite: CDTP 145

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cdtp/#CDTP\\_165](http://catalog.jccc.edu/fall/coursedescriptions/cdtp/#CDTP_165))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82842 001 F2F	--W----	12:00-02:45 PM	09/24/14-10/22/14	RC 374	Hincks B	15 of 15

Kansas Senate Bill SB 155

82843 002 F2F	M-----	06:00-08:45 PM	09/29/14-10/27/14	RC 374	Hincks B	15 of 15
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Kansas Senate Bill SB 155

## CDTP 168 - Desktop Publishing III: InDesign

In this career-related course, students will create advanced-level page layout documents using a variety of techniques on either the Macintosh or PC computer platform. Students will learn how to work with advanced color specifications, transparency blending modes, long document organization, and brochure layout production art. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisite: CDTP 160

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cdtp/#CDTP\\_168](http://catalog.jccc.edu/fall/coursedescriptions/cdtp/#CDTP_168))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82844 001 F2F	---R---	06:00-08:45 PM	10/30/14-12/04/14	RC 374	TBA	15 of 15

Kansas Senate Bill SB 155

## CDTP 175 - Desktop Photo Manipulation III: Photoshop

In this career-related short course, students will manipulate digital photographs and images using a variety of beginning, intermediate and advanced techniques on either the Macintosh or PC computer platform. Students will apply techniques to create and design typographic elements, use vector drawing techniques, prepare images for print, optimize images for web output, and use a digital photo preparation workflow on a variety of digital photographs and images, including scanned images. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CDTP 155

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cdtp/#CDTP\\_175](http://catalog.jccc.edu/fall/coursedescriptions/cdtp/#CDTP_175))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82845 001 F2F	-T-----	06:00-08:45 PM	10/28/14-11/25/14	RC 376	TBA	15 of 15
Kansas Senate Bill SB 155						
82846 350 ONLNE	-----	-	11/03/14-12/01/14	Online	Goodman D	15 of 15
Kansas Senate Bill SB 155						

## CDTP 185 - Desktop Illustration III: Illustrator

In this career-related course, students will create advanced computer-generated illustrations using a variety of techniques on either the Macintosh or PC computer platform. Students will create charts, autotrace scanned images, fill objects with various pen-and-ink filter effects and create an image map for the Web. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$15 to 90

Prerequisite: CDTP 165

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cdtp/#CDTP\\_185](http://catalog.jccc.edu/fall/coursedescriptions/cdtp/#CDTP_185))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82849 001 F2F	--W----	12:00-02:45 PM	10/29/14-12/03/14	RC 374	Hincks B	15 of 15
Kansas Senate Bill SB 155						
82848 002 F2F	M-----	06:00-08:45 PM	11/03/14-12/01/14	RC 374	Hincks B	15 of 15
Kansas Senate Bill SB 155						

## CET 105 - Construction Methods

This course introduces the student to the terms, methods, procedures, sequences of operation, and types of construction and planning in civil and building construction. This course is typically offered the first half of each semester. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/cet#CET\\_105\)](http://catalog.jccc.edu/fall/coursedescriptions/cet#CET_105)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
82349 001 F2F	-T-R---	06:00-08:40 PM	08/19/14-10/09/14	ITC 185	Zarrelli C	18 of 18
Kansas Senate Bill SB 155						
82352 002 F2F	M-W----	11:00-01:40 PM	08/18/14-10/08/14	ITC 185	Dye R	18 of 18
Kansas Senate Bill SB 155						

## CET 125 - Construction Specifications

Upon successful completion of this course, the student will be able to describe the phases of a project, identify the bidding requirements, explain contractual relationships between parties, categorize the drawings, write specifications, list warranties and explain contract modifications. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite or corequisite: CET 105 or equivalent

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/cet#CET\\_125\)](http://catalog.jccc.edu/fall/coursedescriptions/cet#CET_125)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
82353 001 F2F	M-W----	06:00-07:50 PM	10/13/14-12/03/14	ITC 185	Moore T	18 of 18
Kansas Senate Bill SB 155						
82357 002 F2F	M-W----	11:00-12:50 PM	10/13/14-12/03/14	ITC 185	Dye R	18 of 18
Kansas Senate Bill SB 155						

## CET 129 - Construction Management

This course is intended for students interested in learning management principles for construction projects. Upon successful completion of this course, the student should be able to perform many processes associated with construction projects and complete forms typically used in project management. Topics include contract documents, scheduling, job costs and management issues. Project management software will be used to schedule and track project resources and progress. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/cet#CET\\_129\)](http://catalog.jccc.edu/fall/coursedescriptions/cet#CET_129)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
82361 376 HYB	M-W----	03:30-05:50 PM	08/18/14-10/08/14	ITC 185	Dye R	18 of 18
	-----	-	08/18/14-10/08/14	Online		

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## CET 150 - Construction Safety

This course introduces the student to construction safety policies, procedures, and standards. Topics include safety theories and concepts, OSHA (Occupational Safety and Health Administration) construction standards for safety and health, and safety application on the job site. Special emphasis is placed on those areas that are the most hazardous, using OSHA standards as a guide. Upon successful completion of the course, including attendance and grade requirements, the student may be eligible for the OSHA Construction Health and Safety Training card. 3 hr. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/cet#CET\\_150\)](http://catalog.jccc.edu/fall/coursedescriptions/cet#CET_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82381 001 F2F	----F--	01:00-03:50 PM	08/22/14-12/12/14	ITC 185	Gilmore S	18 of 18

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## CET 160 - Green Building Fundamentals

This course introduces the student to sustainable design and green building practices used in the construction industry. The goal of the course is to improve the energy and environmental performance of buildings through a better understanding of standard practices used by industry professionals, as well as, to provide students preparation for the Leadership in Energy and Environmental Design (LEED) Professional Accreditation Exam. Course content will focus on sustainable practices as prescribed in the LEED Green Building Rating System. 3 hrs. lecture/wk. This course is typically offered in the fall semester.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/cet#CET\\_160\)](http://catalog.jccc.edu/fall/coursedescriptions/cet#CET_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82338 001 F2F	--W----	06:00-08:40 PM	08/20/14-12/12/14	GP 101	KannenberG G	20 of 20

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## CET 211 - Technical Statics and Design



Upon successful completion of this course, the student should be able to evaluate and design force systems in equilibrium. Topics include truss analysis, stress and strain, shear, loading conditions, steel member selection, and connection design. Computer applications are included. This course is typically offered in the fall semester. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: MATH 131 or MATH 172 or MATH 173 or MATH 241

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cet/#CET\\_211](http://catalog.jccc.edu/fall/coursedescriptions/cet/#CET_211))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82395 001 F2F	-T-R---	04:00-05:15 PM	08/19/14-12/12/14	ITC 185	Johnson S	18 of 18

## CET 227 - Construction Cost Estimating

This course adds to the student's knowledge of the construction process by covering the principles of construction estimating. Topics include estimating quantities of material using reference books, tables and the Construction Specifications Institute (C.S.I.) format and preparing estimating reports. Students will use industry-standard software for construction estimating. The student needs a basic knowledge of spreadsheet software to be successful in this course. 2 hrs. lecture & 3 hrs lab/wk.

Credit Hours: 3

Prerequisites: CET 105 and CET 125 or department approval and Prerequisite or corequisite: DRAF 129 or department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cet/#CET\\_227](http://catalog.jccc.edu/fall/coursedescriptions/cet/#CET_227))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82396 376 HYB	M-----	06:00-08:20 PM	08/18/14-12/12/14	ITC 126	Dye R	18 of 18
	-----	-	08/18/14-12/12/14	Online		

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## CET 229 - Advanced Construction Management

This course builds on the introductory construction management course. The emphasis is on using sustainability to safely and efficiently manage a commercial construction job. Topics include earthmoving and heavy equipment; concrete, masonry, and steel construction; and construction process management. By building with the environment in mind, we can produce buildings that use our limited resources efficiently and provide a healthier environment for the occupants. This course is offered in the fall semester. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: CET 129 and Math 116 or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cet/#CET\\_229](http://catalog.jccc.edu/fall/coursedescriptions/cet/#CET_229))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82399 001 F2F	M-W----	03:00-05:40 PM	10/13/14-12/03/14	ITC 181	Dye R	18 of 18

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## Chemistry

### CHEM 120 - Chemistry in Society

This course is designed for non-science majors who seek an understanding of the concepts of chemistry. Historical foundations of chemistry, applications to society and daily life, controversies of contemporary concern and current research topics are explored. Inquiry-based laboratory experiments will illustrate chemical principles. 3 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 4

Associated Costs: \$60

Prerequisite: RDG 126 or College Reading Readiness (<http://www.jccc.edu/credit-enrollment/reading-readiness.html>)

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/chem/#CHEM\\_120](http://catalog.jccc.edu/fall/coursedescriptions/chem/#CHEM_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81943 350 ONLINE	-----	-	09/01/14-12/12/14	Online	Clark M	12 of 12
	Lab	-----	-	09/01/14-12/12/14	Online	

### CHEM 122 - Principles of Chemistry

This course is an introduction to the fundamentals of chemistry, with emphasis on general concepts of inorganic chemistry and sufficient study of organic chemistry to introduce the student to biochemistry. The student will learn basic definitions and theories of chemistry, solve numerical problems related to chemical principles and apply chemical concepts in laboratory work. 4 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 5

Associated Costs: \$60

Prerequisite: RDG 126 or College Reading Readiness (<http://www.jccc.edu/credit-enrollment/reading-readiness.html>)

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/chem/#CHEM\\_122](http://catalog.jccc.edu/fall/coursedescriptions/chem/#CHEM_122))

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
82607 001 F2F	-T-----	07:00-09:50 AM	08/19/14-12/12/14	SCI 216	Herron B	24 of 24

		---R---	07:00-07:50 AM	08/21/14-12/12/14	SCI 216		
	Lab	---R---	08:00-10:50 AM	08/21/14-12/12/14	SCI 215		
82609	002 F2F	M-W----	08:00-09:50 AM	08/18/14-12/12/14	SCI 216	Elisabeth E	24 of 24
	Lab	----F--	08:00-10:50 AM	08/22/14-12/12/14	SCI 215		
82610	003 F2F	M-WRF--	08:00-08:50 AM	08/18/14-12/12/14	SCI 218	Gratton K	24 of 24
	Lab	-T-----	08:00-10:50 AM	08/19/14-12/12/14	SCI 215		
82612	004 F2F	M---F--	09:00-10:50 AM	08/18/14-12/12/14	SCI 218	Maradiaga A	24 of 24
	Lab	--W----	09:00-11:50 AM	08/20/14-12/12/14	SCI 215		
82613	005 F2F	M---F--	10:00-10:50 AM	08/18/14-12/12/14	SCI 216	Agah A	24 of 24
	Lab	M-----	11:00-01:50 PM	08/18/14-12/12/14	SCI 215		
		--W----	10:00-11:50 AM	08/20/14-12/12/14	SCI 216		
82616	006 F2F	Lab M-----	12:00-02:50 PM	08/18/14-12/12/14	SCI 213	Harvey M	24 of 24
		--W-F--	12:00-01:50 PM	08/20/14-12/12/14	SCI 216		
82627	007 F2F	M-W----	12:00-01:50 PM	08/18/14-12/12/14	SCI 218	Clark M	24 of 24
	Lab	----F--	12:00-02:50 PM	08/22/14-12/12/14	SCI 213		
82629	008 F2F	-T-R---	01:00-02:50 PM	08/19/14-12/12/14	SCI 216	Herron B	24 of 24
	Lab	--W----	01:00-03:50 PM	08/20/14-12/12/14	SCI 215		
82634	010 F2F	M-W----	02:00-03:59 PM	09/01/14-12/12/14	SCI 216	Thomas K	12 of 12
	Lab	----F--	02:00-04:50 PM	09/05/14-12/12/14	SCI 215		
82637	011 F2F	-T-R---	04:00-05:50 PM	08/19/14-12/12/14	SCI 216	Herron B	24 of 24
	Lab	--W----	04:00-06:50 PM	08/20/14-12/12/14	SCI 215		
82639	012 F2F	M-----	06:00-06:50 PM	08/18/14-12/12/14	SCI 216	Johnson S	24 of 24
	Lab	M-----	07:00-09:50 PM	08/18/14-12/12/14	SCI 215		
		--W----	06:00-08:50 PM	08/20/14-12/12/14	SCI 216		
82640	013 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	SCI 218	Tone-Pah-Hote D	24 of 24
		--W----	06:00-06:50 PM	08/20/14-12/12/14	SCI 218		
	Lab	--W----	07:00-09:50 PM	08/20/14-12/12/14	SCI 215		
82641	014 F2F	-T-----	06:00-06:50 PM	08/19/14-12/12/14	SCI 216	TBA	24 of 24
	Lab	-T-----	07:00-09:50 PM	08/19/14-12/12/14	SCI 215		
		---R---	06:00-08:50 PM	08/21/14-12/12/14	SCI 216		
82642	015 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	SCI 218	TBA	24 of 24
		---R---	06:00-06:50 PM	08/21/14-12/12/14	SCI 218		
	Lab	---R---	07:00-09:50 PM	08/21/14-12/12/14	SCI 215		
82644	380 HYB	Lab M-----	09:00-11:50 AM	08/18/14-12/12/14	SCI 213	Harvey M	24 of 24

----- - 08/18/14-12/12/14 Online  
--W---- 09:00-10:50 AM 08/20/14-12/12/14 SCI 218

Mandatory Classroom Meetings

Note: On-campus lecture and labs have required attendance. The remaining hours of lecture for this section will be conducted online. Students should contact the instructor one week prior to classes beginning.

82645 381 HYB ----- - 08/18/14-12/12/14 Online Harvey M 24 of 24  
Lab ----F-- 09:00-11:50 AM 08/22/14-12/12/14 SCI 213

Mandatory Classroom Meetings

Note: On-campus lecture and labs have required attendance. The remaining hours of lecture for this section will be conducted online. Students should contact the instructor one week prior to classes beginning.

82646 382 HYB ----- - 08/18/14-12/12/14 Online Thomas K 24 of 24  
Lab ----F-- 11:00-01:50 PM 08/22/14-12/12/14 SCI 215

Mandatory Classroom Meetings

Note: On-campus lecture and labs have required attendance. The remaining hours of lecture for this section will be conducted online. Students should contact the instructor one week prior to classes beginning.

82647 383 HYB M----- 06:00-06:50 PM 08/18/14-12/12/14 SCI 118 Elisabeth E 24 of 24  
Lab M----- 07:00-09:50 PM 08/18/14-12/12/14 SCI 213

----- - 08/18/14-12/12/14 Online

Mandatory Classroom Meetings

Note: On-campus lecture and labs have required attendance. The remaining hours of lecture for this section will be conducted online. Students should contact the instructor one week prior to classes beginning.

82648 384 HYB ----- - 08/18/14-10/12/14 Online Clark M 24 of 24  
Lab -T-R--- 11:00-01:50 PM 08/19/14-10/12/14 SCI 215

Mandatory Classroom Meetings

Note: On-campus lecture and labs have required attendance. The remaining hours of lecture for this section will be conducted online. Students should contact the instructor one week prior to classes beginning.

## CHEM 122H - HON: Principles of Chemistry

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/chem/#CHEM\\_122H](http://catalog.jccc.edu/fall/coursedescriptions/chem/#CHEM_122H))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
81503	01HF2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

## CHEM 124 - General Chemistry I Lecture

Students will relate atomic structure to chemical systems, calculate the amount of material used in chemical reactions, use the periodic table as an aid to understanding chemical systems and interpret chemical reactions. 5 hrs. lecture/wk.

Credit Hours: 4

Requirements: Prerequisite: RDG 126 or College Reading Readiness (<http://www.jccc.edu/credit-enrollment/reading-readiness.html>) AND Prerequisite or Corequisite: MATH 171 or placement test AND Corequisite: CHEM 125

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/chem/#CHEM\\_124](http://catalog.jccc.edu/fall/coursedescriptions/chem/#CHEM_124))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82072 001 F2F	MTWRF--	08:00-08:50 AM	08/18/14-12/12/14	SCI 114	Lehman W	24 of 24
Co-requisite to enroll in CHEM 125 (CRN 82120)						
82073 002 F2F	MTWRF--	09:00-09:50 AM	08/18/14-12/12/14	SCI 114	Lehman W	24 of 24
Co-requisite to enroll in CHEM 125 (CRN 82121)						
82074 003 F2F	MTWRF--	10:00-10:50 AM	08/18/14-12/12/14	SCI 114	Slavin L	24 of 24
Co-requisite to enroll in CHEM 125 (CRN 82122)						
82090 004 F2F	MTWRF--	11:00-11:50 AM	08/18/14-12/12/14	SCI 114	Elisabeth E	24 of 24
Co-requisite to enroll in CHEM 125 (CRN 82168)						
82091 005 F2F	MTWRF--	12:00-12:50 PM	08/18/14-12/12/14	SCI 114	TBA	24 of 24
Co-requisite to enroll in CHEM 125 (CRN 82169)						
82093 007 F2F	M-W-F--	11:00-12:20 PM	08/18/14-12/12/14	SCI 124	Franklin P	24 of 24
Co-requisite to enroll in CHEM 125 (CRN 82172)						
82094 008 F2F	M-W-F--	01:00-02:20 PM	08/18/14-12/12/14	SCI 124	Franklin P	24 of 24
Co-requisite to enroll in CHEM 125 (CRN 82173)						
82095 009 F2F	MTWRF--	02:00-02:50 PM	08/18/14-12/12/14	SCI 114	TBA	24 of 24
Co-requisite to enroll in CHEM 125 (CRN 82174)						
82116 010 F2F	-T-----	09:30-10:50 AM	08/19/14-12/12/14	SCI 121	Byers D	24 of 24
	--W----	09:30-10:50 AM	08/20/14-12/12/14	SCI 121		
	---R---	09:30-11:20 AM	08/21/14-12/12/14	SCI 121		
Co-requisite to enroll in CHEM 125 (CRN 82175)						
82117 011 F2F	M-----	06:00-09:50 PM	08/18/14-12/12/14	SCI 114	TBA	24 of 24
	--W----	06:00-06:50 PM	08/20/14-12/12/14	SCI 114		

Co-requisite to enroll in CHEM 125 (CRN 82177)

82118	012 F2F	-T-----	06:00-06:50 PM	08/19/14-12/12/14	SCI 114	TBA	24 of 24
		---R---	06:00-09:50 PM	08/21/14-12/12/14	SCI 114		

Co-requisite to enroll in CHEM 125 (CRN 82178)

82119	350 ONLINE	-----	-	08/18/14-12/12/14	Online	Byers D	24 of 24
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Co-requisite to enroll in CHEM 125 (CRN 82179)

Note: The lecture tests and the Final Exam are taken in the Testing Center, SC 334 on the JCCC campus.

82092	380 HYB	MTWR---	01:00-01:59 PM	09/01/14-12/12/14	SCI 114	Jacobsen F	12 of 12
		-----	-	09/01/14-12/12/14	Online		

Co-requisite to enroll in CHEM 125 (CRN 82170)

Mandatory Classroom Meetings CHEM 125 (CRN 82170)

## CHEM 125 - General Chemistry I Lab

Experiments of a qualitative and quantitative nature that support topics from General Chemistry I Lecture will be carried out. 3 hrs. lab/wk.

Note: Students who withdraw from GENERAL CHEMISTRY I LECTURE must also withdraw from the corresponding laboratory GENERAL CHEMISTRY I LABORATORY. Students may not withdraw from the laboratory course GENERAL CHEMISTRY I LABORATORY without withdrawing from CHEMISTRY I LECTURE.

Credit Hours: 1

Associated Costs: \$60

Corequisite: CHEM 124

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/chem/#CHEM\\_125](http://catalog.jccc.edu/fall/coursedescriptions/chem/#CHEM_125))

CRN		Days	Time	Date	Location	Instructor	Seats Open
82120	001 F2F	Lab M-----	11:00-01:50 PM	08/18/14-12/12/14	SCI 211	Lehman W	24 of 24
Co-requisite to enroll in CHEM 124 (CRN 82072)							
82121	002 F2F	Lab M-----	02:00-04:50 PM	08/18/14-12/12/14	SCI 211	Lehman W	24 of 24
Co-requisite to enroll in CHEM 124 (CRN 82073)							
82122	003 F2F	Lab -T-----	11:00-01:50 PM	08/19/14-12/12/14	SCI 211	Slavin L	24 of 24
Co-requisite to enroll in CHEM 124 (CRN 82074)							
82168	004 F2F	Lab ---R---	08:00-10:50 AM	08/21/14-12/12/14	SCI 211	Elisabeth E	24 of 24
Co-requisite to enroll in CHEM 124 (CRN 82090)							
82169	005 F2F	Lab --W----	02:00-04:50 PM	08/20/14-12/12/14	SCI 211	TBA	24 of 24
Co-requisite to enroll in CHEM 124 (CRN 82091)							

Lab

82170 006 F2F ---R--- 02:00-04:59 PM 09/04/14-12/12/14 SCI 211 TBA 12 of 12

Co-requisite to enroll in CHEM 124 (CRN 82092)

82172 007 F2F Lab -T----- 08:00-10:50 AM 08/19/14-12/12/14 SCI 211 Franklin P 24 of 24

Co-requisite to enroll in CHEM 124 (CRN 82093)

82173 008 F2F Lab -T----- 02:00-04:50 PM 08/19/14-12/12/14 SCI 211 Franklin P 24 of 24

Co-requisite to enroll in CHEM 124 (CRN 82094)

82174 009 F2F Lab ---R--- 11:00-01:50 PM 08/21/14-12/12/14 SCI 211 TBA 24 of 24

Co-requisite to enroll in CHEM 124 (CRN 82095)

82175 010 F2F Lab --W---- 11:00-01:50 PM 08/20/14-12/12/14 SCI 211 Byers D 24 of 24

Co-requisite to enroll in CHEM 124 (CRN 82116)

82177 011 F2F Lab --W---- 07:00-09:50 PM 08/20/14-12/12/14 SCI 211 TBA 24 of 24

Co-requisite to enroll in CHEM 124 (CRN 82117)

82178 012 F2F Lab -T----- 07:00-09:50 PM 08/19/14-12/12/14 SCI 211 TBA 24 of 24

Co-requisite to enroll in CHEM 124 (CRN 82118)

82179 013 F2F Lab M----- 06:00-08:50 PM 08/18/14-12/12/14 SCI 211 Byers D 24 of 24

Co-requisite to enroll in CHEM 124 (CRN 82119)

## CHEM 131 - General Chemistry II Lecture

Chemistry 131 is the second semester of a two-semester course in general chemistry in which the student will develop a working knowledge of some of the fundamental concepts and quantitative relationships involved in the study of chemical reactivity. Topics include solutions, chemical kinetics, chemical equilibrium, acid-base chemistry, chemical thermodynamics, electrochemistry, and nuclear chemistry. 4 hrs./wk. CHEM 131 students are required to enroll concurrently in CHEM 132.

Note: CHEM 131 students are required to enroll concurrently in CHEM 132. Note: MATH 171 is a prerequisite OR corequisite for CHEM 124, which is a prerequisite for this course (CHEM 131)

Credit Hours: 4

Prerequisites: CHEM 124 and CHEM 125 and Corequisite: CHEM 132

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/chem/#CHEM\\_131](http://catalog.jccc.edu/fall/coursedescriptions/chem/#CHEM_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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82180 001 F2F	MTWR---	08:00-08:50 AM	08/18/14-12/12/14	SCI 122	Egan G	24 of 24
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Co-requisite to enroll in CHEM 132 (CRN 82185)

82181 002 F2F	MTWR---	09:00-09:50 AM	08/18/14-12/12/14	SCI 122	Egan G	24 of 24
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Co-requisite to enroll in CHEM 132 (CRN 82186)

82182 003 F2F MTWR--- 10:00-10:50 AM 08/18/14-12/12/14 SCI 122 Egan G 24 of 24

Co-requisite to enroll in CHEM 132 (CRN 82187)

82183 004 F2F MTWR--- 01:00-01:50 PM 08/18/14-12/12/14 SCI 122 Ogdon F 24 of 24

Co-requisite to enroll in CHEM 132 (CRN 82188)

82184 005 F2F -T----- 06:00-06:50 PM 08/19/14-12/12/14 SCI 122 TBA 24 of 24

---R--- 06:00-08:50 PM 08/21/14-12/12/14 SCI 122

Co-requisite to enroll in CHEM 132 (CRN 82189)

## CHEM 132 - General Chemistry II Lab

The laboratory consists of qualitative and quantitative experiments designed to parallel and support General Chemistry II Lecture. 3 hrs. lab/wk.

Credit Hours: 1

Associated Costs: \$60

Prerequisites: CHEM 124 and CHEM 125 and Corequisite: CHEM 131 Students who withdraw from GENERAL CHEMISTRY II LECTURE must also withdraw from the corresponding laboratory GENERAL CHEMISTRY II LABORATORY. Students may not withdraw from the laboratory course GENERAL CHEMISTRY II LABORATORY without withdrawing from CHEMISTRY II LECTURE.

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/chem/#CHEM\\_132\)](http://catalog.jccc.edu/fall/coursedescriptions/chem/#CHEM_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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82185 001 F2F Lab	--W----	11:00-01:50 PM	08/20/14-12/12/14	SCI 213	Egan G	24 of 24
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Co-requisite to enroll in CHEM 131 (CRN 82180)

82186 002 F2F Lab	---R---	11:00-01:50 PM	08/21/14-12/12/14	SCI 213	Egan G	24 of 24
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Co-requisite to enroll in CHEM 131 (CRN 82181)

82187 003 F2F Lab	-T-----	02:00-04:50 PM	08/19/14-12/12/14	SCI 213	Egan G	24 of 24
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Co-requisite to enroll in CHEM 131 (CRN 82182)

82188 004 F2F Lab	--W----	02:00-04:50 PM	08/20/14-12/12/14	SCI 213	Ogdon F	24 of 24
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Co-requisite to enroll in CHEM 131 (CRN 82183)

82189 005 F2F Lab	-T-----	07:00-09:50 PM	08/19/14-12/12/14	SCI 213	TBA	24 of 24
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Co-requisite to enroll in CHEM 131 (CRN 82184)

## CHEM 140 - Principles of Organic & Biological Chemistry

This course covers nomenclature, theory and applications of basic organic chemistry and biochemistry in the area of carbohydrates, lipids, proteins and enzymes. The lab activities reinforce the topics presented in the lecture. 4 hrs. lecture, 3 hrs. lab/wk.



Credit Hours: 5

Associated Costs: \$80

Prerequisites: BIOL 135 and either CHEM 122 or (CHEM 124 and CHEM 125) or department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/chem/#CHEM\\_140](http://catalog.jccc.edu/fall/coursedescriptions/chem/#CHEM_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82234 380 HYB	-----	-	08/18/14-12/12/14	Online	Thomas K	24 of 24
	Lab -----S-	08:00-01:50 PM	08/23/14-08/23/14	SCI 215		
	Lab -----S-	08:00-01:50 PM	09/20/14-09/20/14	SCI 215		
	Lab -----S-	08:00-01:50 PM	10/18/14-10/18/14	SCI 215		
	Lab -----S-	08:00-01:50 PM	11/15/14-11/15/14	SCI 215		

Mandatory Classroom Meetings

Note: On-campus labs have required attendance. The lecture tests and the Final Exam are taken in the Testing Center in SC 334 on the JCCC campus.

## CHEM 214 - Introduction to Teaching Math and Science I

This course allows math and science students to explore and develop an appreciation for teaching as a career. To support their learning, students will be introduced to the theory and practice that is necessary to design and deliver quality instruction. They will plan and implement lessons of an inquiry-based curriculum in an elementary classroom during the semester. MATH 214, ASTR 214, BIOL 214, CHEM 214, GEOS 214, PHYS 214 and PSCI 214 are the same course; enroll in only one. 1.25 hrs. lecture/wk.

Credit Hours: 1

Prerequisites: MATH 171 with a grade of "C" or higher OR appropriate score on the math placement test OR department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/chem/#CHEM\\_214](http://catalog.jccc.edu/fall/coursedescriptions/chem/#CHEM_214))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82999 100 F2F	M-----	03:00-04:15 PM	08/18/14-12/12/14	CLB 213	Rothrock K	24 of 24

## CHEM 220 - Organic Chemistry I

Organic Chemistry I is an introduction to the theories and principles of the chemistry carbon compounds. The student will develop an understanding of organic chemistry, which will be useful in the studies of chemistry and related fields such as medicine, engineering and pharmacy. The laboratory is supportive in nature, with a strong emphasis on developing laboratory techniques. Representative compounds will be prepared and used to introduce the student to instrumental analysis. 3 hrs. lecture, 6 hrs. lab/wk.

Credit Hours: 5

Associated Costs: \$80

Prerequisites: CHEM 131 and CHEM 132

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/chem/#CHEM\\_220](http://catalog.jccc.edu/fall/coursedescriptions/chem/#CHEM_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82235 001 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	SCI 124	Watson C	24 of 24
	Lab M-W----	10:00-12:50 PM	08/18/14-12/12/14	CLB 307		
82236 002 F2F	Lab M-W----	02:00-04:50 PM	08/18/14-12/12/14	CLB 307	Jacobsen F	24 of 24
	-T-R---	02:00-03:20 PM	08/19/14-12/12/14	SCI 124		
82237 003 F2F	M-W----	05:30-06:50 PM	08/18/14-12/12/14	SCI 124	Jacobsen F	24 of 24
	Lab M-W----	07:00-09:50 PM	08/18/14-12/12/14	CLB 307		

## CHEM 221 - Organic Chemistry II

Organic Chemistry II is a continuation of Organic Chemistry I, the nomenclature, principles and theories of organic chemistry, with emphasis on electronic theories and reaction mechanisms. Laboratory is supportive in nature with emphasis on developing laboratory techniques and preparation of representative compounds. Organic Chemistry II completes the study of organic chemistry designed to prepare the student for continued work in chemistry and related fields. 3 hrs. lecture, 6 hrs. lab/wk.

Credit Hours: 5

Associated Costs: \$80

Prerequisite: CHEM 220

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/chem/#CHEM\\_221](http://catalog.jccc.edu/fall/coursedescriptions/chem/#CHEM_221))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82238 001 F2F	-T-R---	09:30-10:50 AM	08/19/14-12/12/14	SCI 124	Watson C	24 of 24
	Lab -T-R---	11:00-01:50 PM	08/21/14-12/12/14	CLB 307		
82239 002 F2F	-T-R---	05:30-06:50 PM	08/19/14-12/12/14	SCI 124	Watson C	24 of 24
	Lab -T-R---	07:00-09:50 PM	08/19/14-12/12/14	CLB 307		

## Interactive Media

### CIM 130 - Interactive Media Concepts

This survey course introduces students to the interactive media field. Topics to be covered include the definition of interactive media, the basic stages of interactive media creation and project management fundamentals. Current and future trends in interactive media will also be covered. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite or corequisite: ENGL 121

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cim/#CIM\\_130](http://catalog.jccc.edu/fall/coursedescriptions/cim/#CIM_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82870 001 F2F	M-W----	04:00-04:50 PM	08/18/14-12/12/14	RC 323	Lafferty P	15 of 15
Kansas Senate Bill SB 155						
82871 002 F2F	M-W----	05:00-05:50 PM	08/18/14-12/12/14	RC 323	Lafferty P	15 of 15
Kansas Senate Bill SB 155						

## CIM 135 - Digital Imaging and Video

This course provides an introduction to electronically mediated photography, including digital video. The course covers basic concepts of photographic communication and design. The course covers basic techniques of electronic photography, including operation of input devices, two-dimensional and time-based computer imaging and digital video production software programs and output devices. Recommended prior courses are Fundamentals of Photography and Introduction to Photoshop. 6 hrs. integrated lecture, studio/wk.

Credit Hours: 3

Prerequisite: CDTP 135 Recommended: PHOT 121

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cim/#CIM\\_135](http://catalog.jccc.edu/fall/coursedescriptions/cim/#CIM_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82873 001 F2F	-T-R---	09:00-11:50 AM	08/19/14-12/12/14	RC 323	Hopper J	15 of 15
Kansas Senate Bill SB 155						

## CIM 140 - Interactive Media Assets

This course teaches the creation, acquisition and management of assets for use in the development of interactive media. Assets to be covered include digital text, graphics, audio and video. Related topics include issues concerning intellectual property and interactive media professional practices. 3 hrs. lecture, 2 hrs. open lab/wk.

Credit Hours: 4

Prerequisites: CDTP 135 AND prerequisite or corequisite CIM 130

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cim/#CIM\\_140](http://catalog.jccc.edu/fall/coursedescriptions/cim/#CIM_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82874 001 F2F	----F--	02:00-04:50 PM	08/22/14-12/12/14	RC 323	Lafferty P	15 of 15

## CIM 200 - Interactive Communication Form

This course will focus on concepts and forms of human communication historically, currently and in the future of our culture. Immediated and mediated forms of communication, such as lecture, telephony, television, print and computer interaction, will be explored. Particular attention will be given to how communication forms affect content. Emphasis will be on the integration of communication forms as demonstrated by interactive media applications. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite or corequisite: CIM 130

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cim/#CIM\\_200](http://catalog.jccc.edu/fall/coursedescriptions/cim/#CIM_200))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82875 001 F2F	-T-----	02:00-04:50 PM	08/19/14-12/12/14	RC 323	Lafferty P	15 of 15

Kansas Senate Bill SB 155

## CIM 230 - Interactive Media Development

The course will provide a conceptual as well as a hands-on exploration of the development process for interactive media. Information design, interaction design and presentation design will be equally emphasized. Students produce a series of projects starting with the use of text and graphics and building toward more complex projects employing animation and video. 3 hrs. lecture, 2 hrs. open lab/wk. This course is taught in the fall semester.

Credit Hours: 4

Prerequisite: CIM 156 AND prerequisite or corequisite CIM 254 AND corequisite: CIM 250

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cim/#CIM\\_230](http://catalog.jccc.edu/fall/coursedescriptions/cim/#CIM_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82877 001 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	RC 323	Hopper J	15 of 15

Kansas Senate Bill SB 155

## CIM 250 - Interface Design

This course will specifically focus on the issues and complexity of interface design for interactive media applications. Students are provided an in-depth study of the use of the building blocks of interface design: backgrounds, windows and panels, buttons and controls, text, images, sound, video and animation. Through readings, critiques, exercises and discussions, students will explore what makes the interface of an interactive media application successful. 3 hrs. lecture, 2 hrs. open lab/wk. This course is taught in the fall semester.

Credit Hours: 4

Prerequisite: CIM 156 AND prerequisite or corequisite: CIM 254 AND corequisite: CIM 230

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cim/#CIM\\_250](http://catalog.jccc.edu/fall/coursedescriptions/cim/#CIM_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82878 001 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	RC 323	Nord E	15 of 15

Kansas Senate Bill SB 155

## CIM 254 - Interactive Authoring II

This course will build on the knowledge and skills gained in the Interactive Authoring I course. Students will write a technical proposal, produce a flowchart and create a storyboard for each project before actually authoring the project. This course provides in-depth experience with the design and development of websites and interactive authoring for delivery by other platforms, primarily utilizing industry-standard proprietary multimedia authoring applications and their associated scripting methods. Project management will also be explored. 3 hrs. lecture, 2 hrs. open lab/wk.

Credit Hours: 4

Prerequisite: CIM 156

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cim/#CIM\\_254](http://catalog.jccc.edu/fall/coursedescriptions/cim/#CIM_254))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82879 001 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	RC 323	Walla J	15 of 15

Kansas Senate Bill SB 155

## CIM 272 - Interactive Media Internship

Students will work in an approved training situation under instructional supervision. The internship is designed to give the student the opportunity to use the skills learned in the interactive media program. Student interns will be required to complete a minimum of 180 hours of on-the-job training. ANI 272 and CIM 272 are the same course; do not enroll in both.

Credit Hours: 1

Prerequisite: department approval required

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cim/#CIM\\_272](http://catalog.jccc.edu/fall/coursedescriptions/cim/#CIM_272))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82880 500 INT	-----	-	08/18/14-12/12/14		Lafferty P	5 of 5

Kansas Senate Bill SB 155

# Computer Information Systems

## CIS 124 - Introduction to Computer Concepts and Applications

In this introductory, non-technical computer course, students will learn through hands-on assignments to use current computer technologies to enhance personal and professional productivity. This includes current and emerging computer and Internet technologies, as well as desktop and web-based business applications. Students will learn strategies for evaluating the validity, legitimacy, and productivity potential of future technologies as they emerge, as well as how to assess the privacy risks associated with each. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10 to 15

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cis/#CIS\\_124](http://catalog.jccc.edu/fall/coursedescriptions/cis/#CIS_124))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82140 001 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	RC 344	TBA	20 of 20
Kansas Senate Bill SB 155						
82143 002 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	RC 344	TBA	20 of 20
Kansas Senate Bill SB 155						
82145 003 F2F	M-W----	11:00-12:15 PM	08/18/14-12/12/14	RC 344	TBA	20 of 20
Kansas Senate Bill SB 155						
82147 004 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	RC 344	TBA	20 of 20
Kansas Senate Bill SB 155						
82148 005 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	RC 344	TBA	20 of 20
Kansas Senate Bill SB 155						
82149 006 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	RC 344	TBA	20 of 20
Kansas Senate Bill SB 155						
82150 007 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	RC 344	TBA	20 of 20
Kansas Senate Bill SB 155						
82151 008 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	RC 344	TBA	20 of 20
Kansas Senate Bill SB 155						
82153 009 F2F	--W----	02:00-04:50 PM	08/20/14-12/12/14	RC 344	TBA	20 of 20
Kansas Senate Bill SB 155						
82155 010 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	RC 344	TBA	20 of 20
Kansas Senate Bill SB 155						
82156 350 ONLNE	-----	-	08/18/14-12/12/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155						

82157 351 ONLINE ----- - 08/18/14-12/12/14 Online TBA 15 of 15

Kansas Senate Bill SB 155

82158 352 ONLINE ----- - 08/18/14-12/12/14 Online TBA 15 of 15

Kansas Senate Bill SB 155

## CIS 162 - Database Programming

This course covers the use of an interactive environment and programming language to create, maintain and manipulate databases using Access as the RDBMS. The use of a command-level database programming language to customize business systems and selectively retrieve information using single or multiple database tables also will be studied. 3 hrs. lecture, 2 hrs. open lab/wk.

Credit Hours: 4

Prerequisite: CIS 134 or CS 134

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cis/#CIS\\_162](http://catalog.jccc.edu/fall/coursedescriptions/cis/#CIS_162))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82159 350 ONLINE	-----	-	08/18/14-12/12/14	Online	TBA	15 of 15

Kansas Senate Bill SB 155

## CIS 201 - Introduction to Information Systems

This course is an introduction to the use of computers in management, concepts of computer software, hardware, and systems analysis. Applications will include electronic spreadsheets, database management software, graphics and presentation tools, and other special purpose tools. Word processing tools will be used for most graded assignments. Programming will be studied in the context of spreadsheet macros. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ACCT 121

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cis/#CIS\\_201](http://catalog.jccc.edu/fall/coursedescriptions/cis/#CIS_201))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82160 350 ONLINE	-----	-	08/18/14-12/12/14	Online	TBA	15 of 15

Kansas Senate Bill SB 155

82162 351 ONLINE ----- - 08/18/14-12/12/14 Online TBA 15 of 15

Kansas Senate Bill SB 155

82163 352 ONLINE ----- - 08/18/14-12/12/14 Online TBA 15 of 15

Kansas Senate Bill SB 155

82164 376 HYB --W---- 03:00-04:50 PM 08/20/14-12/12/14 RC 380 TBA 20 of 20

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Mandatory Classroom Meetings Kansas Senate Bill SB 155						
82165	377 HYB	---R---	05:30-07:20 PM	08/21/14-12/12/14	RC 347	TBA 15 of 15
-----	-		08/21/14-12/12/14	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						

## CIS 204 - UNIX Scripting and Utilities

This course will cover the concepts and principles related to scripting for the multi-user, multi-tasking UNIX operating system and its utilities. Students will complete projects in UNIX ranging from using simple commands to writing shell scripts automating repetitive tasks. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: CIS 134 or CS 134

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cis/#CIS\\_204](http://catalog.jccc.edu/fall/coursedescriptions/cis/#CIS_204))

CRN		Days	Time	Date	Location	Instructor	Seats Open
82167	001 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	RC 380	TBA	20 of 20
Kansas Senate Bill SB 155							
82171	350 ONLINE	-----	-	08/18/14-12/12/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155							
82176	376 HYB	---R---	02:00-03:50 PM	08/21/14-12/12/14	RC 347	TBA	15 of 15
-----	-			08/21/14-12/12/14	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155							

## CIS 208 - Mobile Application Development

In this course, students will utilize effective design and structured programming techniques to build mobile applications. Topics will include designing interfaces for small screens and varied architectures, processing user events, retrieving and storing data, communicating via the Internet, and deploying applications. 3 hrs. lecture, 2 hrs open lab/wk.

Credit Hours: 4

Prerequisite: CS 205

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cis/#CIS\\_208](http://catalog.jccc.edu/fall/coursedescriptions/cis/#CIS_208))



CRN	Days	Time	Date	Location	Instructor	Seats Open
82744 001 F2F	----F--	06:00-08:50 PM	08/22/14-12/12/14	RC 347	TBA	15 of 15

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## CIS 235 - Object-Oriented Programming Using C++

This course is intended to prepare students to apply the object-oriented programming paradigm to solve typical business problems. The student should work with container classes such as Linked Lists, Trees, Stacks and Queues as tools in their program solutions. Students will be building application-oriented objects using the concepts of inheritance, function overloading and polymorphism. Students will also apply techniques of dynamic memory to build arrays and objects that can adjust memory requirements at run time. Students will be exploring the object-oriented and I/O capabilities as well as the string processing capabilities of the object-oriented language. 3 hrs. lecture, 2 hrs. open lab/wk.

Credit Hours: 4

Prerequisite: CS 200

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cis/#CIS\\_235](http://catalog.jccc.edu/fall/coursedescriptions/cis/#CIS_235))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82190 350 ONLINE	-----	-	08/18/14-12/12/14	Online	TBA	15 of 15

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82191 376 HYB	--W----	02:00-03:50 PM	08/20/14-12/12/14	RC 347	TBA	15 of 15
	-----	-	08/20/14-12/12/14	Online		

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## CIS 240 - Advanced Topics in Java

At the completion of this course, the student should be able to create Java applications for implementation on the Internet and the personal computer. The student will complete projects using Java's built-in features. The course will include generics, input and output streams, serialization, exception handling, multithreading, client-server applications and graphical user interfaces. 3 hrs. lecture, 2 hrs. open lab/wk.

Credit Hours: 4

Prerequisite: CS 205

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cis/#CIS\\_240](http://catalog.jccc.edu/fall/coursedescriptions/cis/#CIS_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82192 376 HYB	-T-R---	07:30-08:45 PM	08/19/14-12/12/14	RC 361	TBA	17 of 17
	-----	-	08/19/14-12/12/14	Online		

## CIS 242 - Introduction to System Design and Analysis

Students will study the basic philosophy and techniques of developing and using business information systems. The emphasis will be on the human involvement necessary in systems design and implementation. The course will address the use of specific technical approaches available in information processing. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: CIS 138 or CS 200 or CS 201 or CS 205

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cis/#CIS\\_242](http://catalog.jccc.edu/fall/coursedescriptions/cis/#CIS_242))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82193 001 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	RC 347	TBA	15 of 15

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## CIS 260 - Database Management

At the completion of this course, students should be able to understand the characteristics and objectives of database management systems (DBMS). Topics include database environments, data modeling using the entity-relational model, normalization, logical and physical design, the Structured Query Language (SQL), data quality, database administration and related topics. Students will use a relational DBMS, employ associated tools and write programs to manipulate tables. 3 hrs. lecture, 2 hrs. open lab/wk.

Credit Hours: 4

Prerequisite: CS 200 or CS 201 or CS 205

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cis/#CIS\\_260](http://catalog.jccc.edu/fall/coursedescriptions/cis/#CIS_260))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82194 376 HYB	M-W----	06:00-07:15 PM	08/18/14-12/12/14	RC 361	TBA	17 of 17
	-----	-	08/18/14-12/12/14	Online		

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82195 377 HYB	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	RC 361	TBA	17 of 17
	-----	-	08/19/14-12/12/14	Online		

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## CIS 264 - Application Development and Programming

This course helps students develop a significant software project while combining previously learned software development skills with contemporary technologies. Students should work within a team to communicate, plan and implement a software application. Proper interviewing and job searching techniques are also explored. 4 hrs. lecture/wk.

Credit Hours: 4

Prerequisites: CIS 242 and CIS 260 and CIS 235 or CIS 240 or CIS 244 or CS 236 or CS 255

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cis/#CIS\\_264](http://catalog.jccc.edu/fall/coursedescriptions/cis/#CIS_264))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82198 001 F2F	-T-R---	07:30-08:45 PM	08/19/14-12/12/14	RC 347	TBA	15 of 15

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## CIS 270 - Information Systems Internship

Students will work in an approved training situation under instructional supervision. The internship is designed to give students the opportunity to use skills learned in computer science and information systems courses. Fifteen hours on-the-job training per week will be the usual workload for the student. To be eligible, students must have recently completed a course in the department.

Credit Hours: 3

Prerequisites: Department approval and any of the following courses: CS 236 or CS 250 or CS 255 or CIS 235 or CIS 240 or CIS 244

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cis/#CIS\\_270](http://catalog.jccc.edu/fall/coursedescriptions/cis/#CIS_270))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82196 500 INT	-----	-	08/18/14-12/12/14	RC	TBA	10 of 10

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## CIS 275 - Web-Enabled Database Programming

At the completion of this course, the student should be able to create dynamic Web pages containing information accessed from a database. The student will complete projects using Web technologies that interface with a database. The course will include graphics, graphical user interfaces, exception handling and event-driven programming. 3 hrs. lecture, 2 hrs. open lab/wk.

Credit Hours: 4

Prerequisite: CS 200 or CS 201 or CS 205

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cis/#CIS\\_275](http://catalog.jccc.edu/fall/coursedescriptions/cis/#CIS_275))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82197 376 HYB	-T-R---	06:00-07:15 PM	08/19/14-12/12/14	RC 361	TBA	17 of 17
	-----	-	08/19/14-12/12/14	Online		

Kansas Senate Bill SB 155  
Mandatory Classroom Meetings

## Cosmetology - Esthetics

### CO 120 - Esthetics



This course provides class instruction in skin care. Topics include sanitation, skin sciences, waxing, skin treatments, makeup, business practices and state law. This class meets 105 lecture hours of the 1,000 contact hours required by the Kansas State Board of Cosmetology. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Payment of the liability insurance fee is made through Shop JCCC at <http://www.jccc.edu/shop-jccc/index.html>. (<http://www.jccc.edu/shop-jccc/index.html>.)

Credit Hours: 7

Associated Costs: \$15 to 30

Prerequisite: Admission to the esthetics program and Corequisites for part- and full-time students: CO 121 and CO 122.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/co/#CO\\_120](http://catalog.jccc.edu/fall/coursedescriptions/co/#CO_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80924 207 F2F	MT-----	08:00-05:00 PM	08/11/14-10/07/14	 WPK 180	Vasquez J	12 of 12
	--W----	08:00-12:00 PM	08/13/14-10/08/14	 WPK 180		

Kansas Senate Bill SB 155  
Requirement: selective admission approval

### CO 121 - Esthetics Lab



This course provides skill instruction of skin care in a lab setting. Topics include sanitation, skin sciences, waxing, skin treatments, makeup, business practices and state law. This class meets 135 hours of instructional laboratory. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee.

Credit Hours: 6

Associated Costs: \$30 to 60

Prerequisite: Selective admission approval and Corequisites for part- and full-time students: CO 120 and CO 122.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/co/#CO\\_121](http://catalog.jccc.edu/fall/coursedescriptions/co/#CO_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80925 207 F2F	--W----	01:00-05:00 PM	08/13/14-10/08/14	 WPK 127	Vasquez J	12 of 12
	---RF--	08:00-05:00 PM	08/14/14-09/11/14	 WPK 127		

Kansas Senate Bill SB 155

Requirement: selective admission approval



## CO 122 - Esthetics Clinical

This course provides skill instruction and practical application of skin care in a clinical setting. Topics include sanitation, skin sciences, waxing, skin treatments, makeup, business practices and state law. This class meets 64 clinical hours. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee.

Credit Hours: 2

Prerequisite: Selective admission approval and Corequisites for part- and full-time students: CO 120 and CO 121.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/co/#CO\\_122](http://catalog.jccc.edu/fall/coursedescriptions/co/#CO_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80926 407 F2F	---R---	11:00-08:00 PM	09/18/14-10/09/14	 WPK 131	Vasquez J	12 of 12
	----F--	08:00-05:00 PM	09/19/14-10/10/14	 WPK 131		

Kansas Senate Bill SB 155

Requirement: selective admission approval



## CO 127 - Intermediate Esthetics

This course provides class instruction in skin care. Topics include sanitation, skin sciences, waxing, skin treatments, makeup, business practices and state law. This class meets 105 lecture hours. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Payment of the liability insurance fee is made through Shop JCCC at <http://www.jccc.edu/shop-jccc/index.html>. (<http://www.jccc.edu/shop-jccc/index.html>.)

Credit Hours: 7

Prerequisite for part- and full-time students: CO 120. Corequisites for part- and full-time students: CO 128 and CO 129. All courses must have a grade of "C" or higher.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/co/#CO\\_127](http://catalog.jccc.edu/fall/coursedescriptions/co/#CO_127))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80927 208 F2F	M-----	08:00-05:00 PM	10/13/14-12/15/14	 WPK 180	Vasquez J	12 of 12
	-T-----	08:00-12:00 PM	10/14/14-12/16/14	 WPK 180		

Kansas Senate Bill SB 155

Requirement: selective admission approval



## CO 128 - Intermediate Esthetics Lab

This class meets 122 laboratory hours of the 1,000 contact hours required by Kansas State Board of Cosmetology. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Payment of the liability insurance fee is made through Shop JCCC at <http://www.jccc.edu/shop-jccc/index.html>. (<http://www.jccc.edu/shop-jccc/index.html>.)

Credit Hours: 6

Prerequisite for part- and full-time students: CO 121. Corequisites for part- and full-time students: CO 127 and CO 129. All courses must have a grade of "C" or higher.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/co/#CO\\_128](http://catalog.jccc.edu/fall/coursedescriptions/co/#CO_128))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80928 208 F2F	-T-----	12:00-05:00 PM	10/14/14-12/16/14	 WPK 127	Vasquez J	12 of 12
	--W----	08:00-05:00 PM	10/15/14-12/17/14	 WPK 127		

Kansas Senate Bill SB 155

Requirement: selective admission approval



## CO 129 - Intermediate Esthetics Clinical

This course provides skill instruction and practical application of skin care in a clinical setting. Topics include sanitation, skin sciences, waxing, skin treatments, makeup, business practices and state law. This class meets 112 clinical hours of the 1,000 contact hours required by the Kansas State Board of Cosmetology. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee.

Credit Hours: 2

Prerequisite for part- and full-time students: CO 122. Corequisites for part- and full-time students: CO 127 and CO 128. All courses must have a grade of "C" or higher.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/co/#CO\\_129](http://catalog.jccc.edu/fall/coursedescriptions/co/#CO_129))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80929 208 F2F	---R---	11:00-08:00 PM	10/16/14-12/18/14	 WPK 131	Vasquez J	12 of 12
	----F--	08:00-05:00 PM	10/17/14-12/19/14	 WPK 131		

Kansas Senate Bill SB 155

Requirement: selective admission approval

## CO 141 - Advanced Esthetics


This course provides class instruction in skin care. Topics include sanitation, skin sciences, waxing, skin treatments, makeup, business practices and state law. This class meets 75 lecture hours of the 1,000 contact hours required by the Kansas State Board of Cosmetology. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Payment of the liability insurance fee is made through Shop JCCC at <http://www.jccc.edu/shop-jccc/index.html>. (<http://www.jccc.edu/shop-jccc/index.html>.)

Credit Hours: 5

Associated Costs: \$200 to 250

Prerequisite for part- or full-time students: CO 134. Corequisites for part-time students: CO 142 and CO 143. Corequisites for full-time students: CO 134 and CO 135 and CO 136 and CO 142 and CO 143. All courses must have a grade of "C" or higher.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/co/#CO\\_141](http://catalog.jccc.edu/fall/coursedescriptions/co/#CO_141))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80670 201 F2F	M-----	05:30-09:30 PM	08/25/14-12/01/14	 WPK 180	Vasquez J	12 of 12

Kansas Senate Bill SB 155

Requirement: selective admission approval


## CO 142 - Advanced Esthetics Lab

This course provides skill instruction of skin care in a lab setting. Topics include sanitation, skin sciences, waxing, skin treatments, makeup, business practices and state law. This class meets 53 laboratory hours of the 1,000 contact hours required by the Kansas State Board of Cosmetology. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee.

Credit Hours: 2

Prerequisite for part- or full-time students: CO 135. Corequisites for part-time students: CO 141 and CO 143. Corequisites for full-time students: CO 134 and CO 135 and CO 136 and CO 141 and CO 143. All courses must have a grade of "C" or higher.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/co/#CO\\_142](http://catalog.jccc.edu/fall/coursedescriptions/co/#CO_142))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80677 201 F2F	-T-----	05:30-09:30 PM	08/26/14-12/02/14	 WPK 180	Vasquez J	12 of 12

Kansas Senate Bill SB 155

Requirement: selective admission approval

## CO 143 - Advanced Esthetics Clinical




This course provides skill instruction and practical application of skin care in a clinical setting. Topics include sanitation, skin sciences, waxing, skin treatments, makeup, business practices and state law. This class meets 128 clinical hours of the 1,000 contact hours required by the Kansas State Board of Cosmetology. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee.

Credit Hours: 2

Prerequisite for part- or full-time students: CO 136. Corequisites for part-time students: CO 141 and CO 142.

Corequisites for full-time students: CO 134 and CO 135 and CO 136 and CO 141 and CO 142. All courses must have a grade of "C" or higher.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/co/#CO\\_143](http://catalog.jccc.edu/fall/coursedescriptions/co/#CO_143))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80681 201 F2F	--W----	05:30-09:30 PM	08/27/14-12/03/14	 WPK 131	Vasquez J	12 of 12
	-----S-	09:00-05:30 PM	08/30/14-12/06/14	 WPK 131		
	MTW----	05:30-09:30 PM	12/08/14-12/10/14	 WPK 131		

Kansas Senate Bill SB 155

Requirement: selective admission approval

## Computer Personal Computer App

### CPCA 105 - Introduction to Personal Computers: Windows

This introductory course is designed to give the beginning computer user an overview of the personal computer. The student will gain confidence in basic computing skills and concepts through a hands-on approach. Topics include an introduction to computer terminology, hardware, system software, application software, e-mail, and the Internet. 1 hr. lecture /wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA\\_105](http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA_105))



CRN	Days	Time	Date	Location	Instructor	Seats Open
82651 001 F2F	M-----	11:00-01:45 PM	08/18/14-09/22/14	RC 353	TBA	17 of 17
Kansas Senate Bill SB 155						
82652 002 F2F	-T-----	08:00-10:45 AM	08/19/14-09/16/14	RC 353	TBA	17 of 17
Kansas Senate Bill SB 155						
82653 003 F2F	---R---	02:00-04:45 PM	08/21/14-09/18/14	RC 353	TBA	17 of 17
Kansas Senate Bill SB 155						
82654 004 F2F	---R---	06:00-08:45 PM	08/21/14-09/18/14	RC 355	TBA	17 of 17
Kansas Senate Bill SB 155						
82655 005 F2F	--W----	11:00-01:45 PM	09/24/14-10/22/14	RC 353	TBA	17 of 17
Kansas Senate Bill SB 155						
82656 006 F2F	-----S-	01:00-03:45 PM	09/27/14-10/25/14	RC 353	TBA	17 of 17
Kansas Senate Bill SB 155						
82657 007 F2F	--W----	11:00-01:45 PM	10/29/14-12/03/14	RC 355	TBA	17 of 17
Kansas Senate Bill SB 155						
82659 350 ONLNE	-----	-	08/25/14-09/22/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155						
82660 351 ONLNE	-----	-	08/25/14-09/22/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155						
82661 352 ONLNE	-----	-	09/29/14-10/27/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155						
82662 353 ONLNE	-----	-	09/29/14-10/27/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155						
82663 354 ONLNE	-----	-	11/03/14-12/01/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155						

## CPCA 106 - Introduction to Personal Computers: Macintosh

This introductory course is designed to give the beginning computer user an overview of the Macintosh personal computer. The student will gain confidence in basic computer skills and concepts through a hands-on approach while becoming familiar with a Macintosh computer and its primary uses. Topics include computer software, hardware and terminology; as well as an introduction to the Macintosh operating system, word processing, drawing, spreadsheets and database management. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA\\_106](http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA_106))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82664 001 F2F	---R---	11:00-01:45 PM	08/21/14-09/18/14	RC 376	TBA	15 of 15
Kansas Senate Bill SB 155						
82665 350 ONLINE	-----	-	09/29/14-10/27/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155						

## CPCA 108 - Word Processing I: MS Word

This course provides an introduction to the concepts and real-world applications of microcomputer word processing software. Foundational word processing competencies, including creating, saving, printing and editing word processing files; searching and replacing text; creating headers and footers; inserting and resizing graphic images; setting up tables; creating and applying styles, and creating mail merge letters, will be covered. Students will also create multiple-page reports and incorporate desktop publishing concepts and features. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisites: CPCA 105 or CPCA 106 or CIS 124 or CPCA 128 or appropriate score on a waiver test

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA\\_108](http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA_108))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82688 001 F2F	-----S-	08:30-11:15 AM	09/27/14-10/25/14	RC 353	TBA	17 of 17
Kansas Senate Bill SB 155 Microsoft Word Office 2013						
82860 002 F2F	-T-----	02:00-04:45 PM	10/28/14-11/25/14	RC 355	TBA	17 of 17
Kansas Senate Bill SB 155 Microsoft Word Office 2013						
82691 350 ONLINE	-----	-	09/29/14-10/27/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155 Microsoft Word Office 2013						
82692 351 ONLINE	-----	-	11/03/14-12/01/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155 Microsoft Word Office 2013						

## CPCA 109 - Google Apps

This course provides an introduction to the concepts and real-world applications of Google Apps services and applications. Students will explore the most popular Google Apps on the market today, including Google Email, Google Calendar, Google Talk, Google Docs, Google Sites and Google Start Page. Hands-on, practical projects will

be performed to reinforce the concepts taught. 1hr. lecture/wk.

Credit Hours: 1

Prerequisite: CPCA 105 or CPCA 106 or CIS 124 or CPCA 128 or appropriate score on a waiver test

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA\\_109](http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA_109))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82693 350 ONLINE	-----	-	09/29/14-10/27/14	Online	TBA	15 of 15

Kansas Senate Bill SB 155

## CPCA 110 - Spreadsheets I: MS Excel

Students will learn concepts and uses of spreadsheet software on the personal computer. Business decision-making worksheet models will be created and modified by entering labels, functions and formulas. Various formatting techniques will be applied to enhance the appearance of printed worksheets. Students will also learn to display the worksheet data graphically with the charting capabilities of the software. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CPCA 105 or CPCA 106 or CIS 124 or CPCA 128 or appropriate score on a waiver test

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA\\_110](http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA_110))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82694 001 F2F	-T-----	06:00-08:45 PM	09/23/14-10/21/14	RC 355	TBA	17 of 17

Kansas Senate Bill SB 155

Microsoft Excel Office 2013

82695 002 F2F	---R---	02:00-04:45 PM	09/25/14-10/23/14	RC 353	TBA	17 of 17
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Kansas Senate Bill SB 155

Microsoft Excel Office 2013

82861 003 F2F	-T-----	06:00-08:45 PM	10/28/14-11/25/14	RC 353	TBA	17 of 17
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Kansas Senate Bill SB 155

Microsoft Excel Office 2013

82696 350 ONLINE	-----	-	09/29/14-10/27/14	Online	TBA	15 of 15
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Kansas Senate Bill SB 155

Microsoft Excel Office 2013

82697 351 ONLINE	-----	-	11/03/14-12/01/14	Online	TBA	15 of 15
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Kansas Senate Bill SB 155

Microsoft Excel Office 2013

## CPCA 111 - Spreadsheets II: MS Excel

This course is a continuation of CPCA 110, Spreadsheets on the Microcomputer I, and will provide the student with intermediate level of spreadsheet concepts. Using typical business scenarios, the student will perform manual and automated "what-if" analyses, manage data in worksheets with tables and database functions, and use multiple worksheets to build consolidated statements. Basic macros will be introduced. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CPCA 110 or CPCA 128

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA\\_111](http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA_111))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82862 001 F2F	-T-----	06:00-08:45 PM	10/28/14-11/25/14	RC 355	TBA	17 of 17
Kansas Senate Bill SB 155 Microsoft Excel Office 2013						
82698 002 F2F	---R---	02:00-04:45 PM	10/30/14-12/04/14	RC 353	TBA	17 of 17
Kansas Senate Bill SB 155 Microsoft Excel Office 2013						
82700 350 ONLINE	-----	-	10/30/14-12/04/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155 Microsoft Excel Office 2013						

## CPCA 114 - Databases I: MS Access

This course provides an introduction to the concepts and real-world applications of microcomputer relational database software. Foundational database competencies, including building tables, defining fields, relating tables, entering and editing data, filtering, and sorting will be covered. Students will query the database to select, calculate and summarize information. Students will build and customize forms and reports. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or an appropriate score on a waiver test

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA\\_114](http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA_114))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82701 001 F2F	M-----	06:00-08:45 PM	08/18/14-09/22/14	RC 353	TBA	17 of 17
Kansas Senate Bill SB 155 Microsoft Access Office 2013						

82702 002 F2F M----- 06:00-08:45 PM 09/29/14-10/27/14 RC 353 TBA 17 of 17

Kansas Senate Bill SB 155  
Microsoft Access Office 2013

82704 003 F2F ---R--- 11:00-01:45 PM 10/30/14-12/04/14 RC 353 TBA 17 of 17

Kansas Senate Bill SB 155  
Microsoft Access Office 2013

82705 350 ONLINE ----- - 08/18/14-09/22/14 Online TBA 15 of 15

Kansas Senate Bill SB 155  
Microsoft Access Office 2013

82707 351 ONLINE ----- - 09/29/14-10/27/14 Online TBA 15 of 15

Kansas Senate Bill SB 155  
Microsoft Access Office 2013

82708 352 ONLINE ----- - 10/30/14-12/04/14 Online TBA 15 of 15

Kansas Senate Bill SB 155  
Microsoft Access Office 2013

## CPCA 115 - Databases II: MS Access

Upon completion of this course, the student should be able to design and define a relational database; create custom forms and reports for data entry, updating and presentation; and build the necessary queries to support these objects. The student should be able to transfer data into and out of the database from various file formats; use database software to develop Web pages and hyperlinks; and manipulate the data and database with introductory macro, query language and programming skills. The course contains a capstone project in which the student uses all the skills learned to create a working database for a client based on a real-world situation. 2 hrs. lecture/wk.

Credit Hours: 2

Associated Costs: \$10 to 20

Prerequisite: CPCA 114

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA\\_115](http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA_115))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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82710 001 F2F	--W----	06:00-08:50 PM	09/24/14-12/03/14	RC 353	TBA	17 of 17
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Kansas Senate Bill SB 155  
Microsoft Access Office 2013

82711 350 ONLINE	-----	-	09/24/14-12/03/14	Online	TBA	15 of 15
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Kansas Senate Bill SB 155  
Microsoft Access Office 2013

## CPCA 117 - Databases III: MS Access

Upon successful completion of this course, the student should be able to analyze an existing database solution that is not working properly, import the data into Access and use action queries and SQL to normalize the database into an effective relational database. A case study emphasis will cover different database design and documentation issues. Students will also build complex forms and reports using Visual Basic for Applications programming code. 1 hr. lecture /wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CPCA 115

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA\\_117](http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA_117))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82712 350 ONLINE	-----	-	10/29/14-12/03/14	Online	TBA	15 of 15

Kansas Senate Bill SB 155

Microsoft Access Office 2013

## CPCA 118 - Groupware: Outlook

This course provides an introduction to the concepts and applications of today's robust email systems. Students will use the application to compose, send and receive e-mail; post and organize discussion messages; manage calendars, appointments, tasks, to-do lists; use contact management features; and work with instant messaging. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or an appropriate score on a waiver test

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA\\_118](http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA_118))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82864 350 ONLINE	-----	-	10/27/14-11/24/14	Online	TBA	15 of 15

Kansas Senate Bill SB 155

Microsoft Outlook Office 2013

## CPCA 121 - Introduction to Project Management

Upon completion of this course, the student should be able to effectively manage projects using project management software. Students will learn about project management goals and terminology, create a project schedule and use project management methodologies and tools such as the Gantt chart, critical path method (CPM) and program evaluation review technique (PERT) chart to update a project and communicate project progress to others. Students will use other project management techniques such as applying resources, leveling overallocations, evaluating constraints and analyzing planned versus projected schedule and budget variables. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or an appropriate score on a waiver test

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA\\_121](http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82713 001 F2F	----F--	06:00-08:45 PM	10/31/14-12/05/14	RC 353	TBA	17 of 17

Kansas Senate Bill SB 155

82714 350 ONLINE	-----	-	10/31/14-12/05/14	Online	TBA	15 of 15
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Kansas Senate Bill SB 155

## CPCA 122 - Assistive Technology

This introductory course is designed to give the student with or without disabilities an overview of the personal and the adaptive hardware and software available. The student will gain confidence in basic computer skills and concepts through a hands-on approach while becoming familiar with the adaptive software and hardware available on the campus. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA\\_122](http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82715 001 F2F	---R---	06:00-08:45 PM	09/18/14-10/16/14	OCB 343B	TBA	5 of 5

Kansas Senate Bill SB 155

## CPCA 123 - E-Presentation: MS PowerPoint

Upon completion of this course, students should be able to organize and produce an effective on-computer or slide-generated presentation, complete with printed speaker notes and handouts plus overhead transparencies, using the basic features of a presentation graphics program. Students will use master pages, template files, text formatting, color schemes, various drawing tools, the automated outline feature and animation dissolve sequence and incorporate photographs. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CPCA 105 or CPCA 106 or CIS 124 or CPCA 128 or an appropriate score on a waiver test

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA\\_123](http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82716 350 ONLINE	-----	-	09/29/14-10/27/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155 Microsoft PowerPoint Office 2013						
82717 351 ONLINE	-----	-	11/03/14-12/01/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155 Microsoft PowerPoint Office 2013						

## CPCA 125 - Word Processing II: MS Word

This is a continuation of CPCA 108, Word Processing on Micros I. After completing this course students should be able to use advanced concepts and applications of word processing software. The applications will include working with templates, creating and modifying styles, customizing themes, creating a table of contents, using mail merge, linking and embedding objects, creating web pages, creating and editing macros, and customizing Word and automating parts of a document.. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CPCA 108

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA\\_125](http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82865 001 F2F	-T-----	11:00-01:45 PM	10/28/14-11/25/14	RC 353	TBA	17 of 17
Kansas Senate Bill SB 155 Microsoft Word Office 2013						
82719 350 ONLINE	-----	-	11/03/14-12/01/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155 Microsoft Word Office 2013						





## CPCA 128 - PC Applications: MS Office

Upon successful completion of this course, the student should be able to use the current version of Windows to create and organize files and folders and perform essential file management procedures such as copying, moving, deleting and renaming files and folders. An in-depth proficiency will also be attained with the use of the current version of MS Office Suite, word processing, spreadsheet, and presentation graphics applications. Hands-on, practical projects will be performed to reinforce the concepts taught. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10 to 20



CRN	Days	Time	Date	Location	Instructor	Seats Open
82720 001 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	RC 355	TBA	17 of 17
Kansas Senate Bill SB 155 Microsoft Office 2013						
82721 002 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	RC 355	TBA	17 of 17
Kansas Senate Bill SB 155 Microsoft Office 2013						
82722 003 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	RC 355	TBA	17 of 17
Kansas Senate Bill SB 155 Microsoft Office 2013						
82723 004 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	RC 355	TBA	17 of 17
Kansas Senate Bill SB 155 Microsoft Office 2013						
82724 005 F2F	---R---	06:00-08:45 PM	08/21/14-12/12/14	RC 353	TBA	17 of 17
Kansas Senate Bill SB 155 Microsoft Office 2013						
82725 350 ONLNE	-----	-	08/18/14-12/12/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155 Microsoft Office 2013						
82726 351 ONLNE	-----	-	08/18/14-12/12/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155 Microsoft Office 2013						
82727 352 ONLNE	-----	-	08/18/14-12/12/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155 Microsoft Office 2013						
82729 376 HYB	--W----	02:00-03:45 PM	08/20/14-12/12/14	RC 353	TBA	17 of 17
	-----	-	08/20/14-12/12/14	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings Microsoft Office 2013						
82867 377 HYB	----S-	09:00-03:30 PM	10/11/14-10/11/14	 LCS 12	TBA	15 of 15
	-----	-	10/11/14-11/15/14	Online		
	----S-	09:00-03:30 PM	10/18/14-10/18/14	 LCS 12		
	----S-	09:00-03:30 PM	11/01/14-11/01/14	 LCS 12		
	----S-	09:00-03:30 PM	11/15/14-11/15/14	 LCS 12		
Kansas Senate Bill SB 155						

## CPCA 138 - Windows for Microcomputers

At the completion of this course, the student will be able to discuss the components of the Windows desktop, use the Windows Help system, create and organize a folder system on a disk, perform file management commands, customize the Windows desktop environment, use the Search tool to locate files and folders, and perform file backup and disk maintenance procedures. The student will also be able to use performance monitoring tools, add hardware and software to the system, and use basic MS DOS directory and file management commands. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or an appropriate score on an assessment test

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA\\_138](http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA_138))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82730 350 ONLINE	-----	-	11/03/14-12/01/14	Online	TBA	15 of 15

Kansas Senate Bill SB 155

## CPCA 139 - UNIX

This course will introduce students to the major commands of the Unix operating system. E-mail, the VI editor and Telnet will be covered. Basic file and disk management projects will be completed in this course. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisite: CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or assessment test

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA\\_139](http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA_139))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82731 350 ONLINE	-----	-	09/29/14-12/01/14	Online	TBA	15 of 15

Kansas Senate Bill SB 155

## CPCA 141 - Internet I

This course will introduce the student to the commands and techniques required to effectively access the resources of the Internet. Students will use Windows applications to browse the Internet, locate and retrieve information and send and receive electronic mail and address security issues on the internet. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or appropriate score on an assessment test

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA\\_141](http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA_141))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82732 350 ONLINE	-----	-	08/18/14-09/22/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155						
82733 351 ONLINE	-----	-	11/03/14-12/01/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155						

## CPCA 151 - Internet II

This course will cover the commands and techniques required to effectively use various Internet application tools. The student will also use Windows and non-Windows applications to locate information, download and upload files, and create a Web page. Additionally the course will cover basic LINUX commands and publish a Web page to a Web server. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisite: CPCA 141 or an appropriate score on an assessment test

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA\\_151](http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA_151))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82734 350 ONLINE	-----	-	09/29/14-10/27/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155						

## CPCA 161 - Introduction to Web Pages using HTML

This course will cover the commands and techniques required to create and publish World Wide Web pages using HyperText Markup Language. Topics covered will include basic text layout, background colors, formatting, ordered and unordered lists, tables, frames that include graphic images in a page and linking to other Web pages. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CPCA 151 or an appropriate score on an assessment test

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA\\_161](http://catalog.jccc.edu/fall/coursedescriptions/cpca/#CPCA_161))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82735 350 ONLINE	-----	-	11/03/14-12/01/14	Online	TBA	15 of 15

## Computer Science

### CS 134 - Programming Fundamentals

In this introductory course, students will create interactive computer applications that perform tasks and solve problems. Students will utilize fundamental logic, problem-solving techniques and key programming concepts to design, develop and test modular applications written in an object-oriented programming language. 3 hrs. lecture, 2 hrs. lab /wk.

Credit Hours: 4

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cs/#CS\\_134](http://catalog.jccc.edu/fall/coursedescriptions/cs/#CS_134))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82202 350 ONLINE	-----	-	08/18/14-12/12/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155						
82204 351 ONLINE	-----	-	08/18/14-12/12/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155						
82205 352 ONLINE	-----	-	08/18/14-12/12/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155						
82206 376 HYB	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	RC 380	TBA	20 of 20
	-----	-	08/18/14-12/12/14	Online		
Mandatory Classroom Meetings						
Kansas Senate Bill SB 155						
82207 377 HYB	M-----	11:00-12:50 PM	08/18/14-12/12/14	RC 380	TBA	20 of 20
	-----	-	08/18/14-12/12/14	Online		
Mandatory Classroom Meetings						
Kansas Senate Bill SB 155						
82208 378 HYB	M-----	06:00-08:50 PM	08/18/14-12/12/14	RC 380	TBA	20 of 20
	-----	-	08/18/14-12/12/14	Online		
Kansas Senate Bill SB 155						
Mandatory Classroom Meetings						
82209 379 HYB	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	RC 380	TBA	20 of 20
	-----	-	08/19/14-12/12/14	Online		
Mandatory Classroom Meetings						
Kansas Senate Bill SB 155						
82210 380 HYB	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	RC 380	TBA	20 of 20

08/19/14-12/12/14 Online

Kansas Senate Bill SB 155

82211 381 HYB -T-R--- 12:30-01:45 PM 08/19/14-12/12/14 RC 380 TBA 20 of 20

08/19/14-12/12/14 Online

Mandatory Classroom Meetings

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82212 382 HYB -T-R--- 02:00-03:15 PM 08/19/14-12/12/14 RC 380 TBA 20 of 20

08/19/14-12/12/14 Online

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

82213 383 HYB --W---- 11:00-12:50 PM 08/20/14-12/12/14 RC 380 TBA 20 of 20

08/20/14-12/12/14 Online

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

82214 384 HYB --W---- 01:00-02:50 PM 08/20/14-12/12/14 RC 380 TBA 20 of 20

08/20/14-12/12/14 Online

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

82215 385 HYB --W---- 06:00-08:50 PM 08/20/14-12/12/14 RC 380 TBA 20 of 20

08/20/14-12/12/14 Online

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

82604 386 HYB M-W-F-- 10:00-10:50 AM 08/18/14-12/12/14 RC 380 TBA 20 of 20

08/18/14-12/12/14 Online

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

## CS 200 - Concepts of Programming Algorithms Using C++

This course emphasizes problem solving using a high level programming language and the software development process. Algorithm design and development, programming style, documentation, testing and debugging will be presented. Standard algorithms and data structures will be introduced. Data abstraction and an introduction to object-oriented programming will be studied and used to implement algorithms. 3 hrs. lecture, 2 hrs. lab by arrangement/wk.

Credit Hours: 4

Associated Costs: \$20 to 50

Prerequisite: CS 134 with a grade of C- or higher or or CS 201 or CS 205 or MATH 241 or appropriate score on waiver test or department approval for prior work-related experience.

CRN	Days	Time	Date	Location	Instructor	Seats Open
83015 350 ONLINE	-----	-	08/18/14-12/12/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155						
82216 376 HYB	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	RC 347	TBA	15 of 15
	-----	-	08/18/14-12/12/14	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						
82217 377 HYB	M-W----	11:00-12:15 PM	08/18/14-12/12/14	RC 347	TBA	15 of 15
	-----	-	08/18/14-12/12/14	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						
82218 378 HYB	M-----	06:00-08:45 PM	08/18/14-12/12/14	RC 347	TBA	15 of 15
	-----	-	08/18/14-12/12/14	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						
82219 379 HYB	-T-----	03:30-05:20 PM	08/19/14-12/12/14	RC 347	TBA	15 of 15
	-----	-	08/19/14-12/12/14	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						
82220 380 HYB	---R---	06:00-08:45 PM	08/21/14-12/12/14	RC 380	TBA	20 of 20
	-----	-	08/21/14-12/12/14	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						

## CS 201 - Concepts of Programming Algorithms using C#

This course emphasizes programming methodology and problem-solving using C#. Algorithm design and development, data abstraction, good programming style, testing and debugging will be presented. 3 hrs. lecture, 2 hrs. open lab/wk.

Note: Four credit hour CS courses have two hours of open lab per week.

Credit Hours: 4

Associated Costs: \$20 to 50

Prerequisite: CIS 134 or CS 134 or ENGR 171 or equivalent experience

CRN	Days	Time	Date	Location	Instructor	Seats Open
82221 350 ONLINE	-----	-	08/18/14-12/12/14	Online	TBA	15 of 15

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## CS 205 - Concepts of Programming Algorithms using Java

This course emphasizes programming methodology and problem-solving using Java. Algorithm design and development, data abstraction, good programming style, testing and debugging will be presented. 3 hrs. lecture, 2 hrs. open lab/wk.

Note: Four-credit hour CS courses have two hours of open lab per week.

Credit Hours: 4

Associated Costs: \$20 to 50

Prerequisite: CIS 134 or CS 134 or ENGR 171 or equivalent experience

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cs/#CS\\_205](http://catalog.jccc.edu/fall/coursedescriptions/cs/#CS_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82222 350 ONLINE	-----	-	08/18/14-12/12/14	Online	TBA	15 of 15

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82223 376 HYB	M-W----	12:30-01:45 PM	08/18/14-12/12/14	RC 347	TBA	15 of 15
	-----	-	08/18/14-12/12/14	Online		

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Mandatory Classroom Meetings

82224 377 HYB	-T-----	05:30-07:20 PM	08/19/14-12/12/14	RC 347	TBA	15 of 15
	-----	-	08/19/14-12/12/14	Online		

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

## CS 210 - Discrete Structures I

Upon successful completion of this course, the student should be able to use fundamental discrete mathematics as it relates to computers and computer applications. The student will be exposed to a variety of discrete mathematical topics. The course will include fundamental mathematical principles, combinatorial analysis, mathematical reasoning, graphs and trees, and Boolean logic circuits. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: MATH 171 or both MATH 116 and CIS 134 or CS 134 or appropriate math assessment scores

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cs/#CS\\_210](http://catalog.jccc.edu/fall/coursedescriptions/cs/#CS_210))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82225 001 F2F	M-W----	07:30-08:45 PM	08/18/14-12/12/14	RC 361	TBA	17 of 17
Kansas Senate Bill SB 155						
82226 002 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	RC 347	TBA	15 of 15
Kansas Senate Bill SB 155						
82227 003 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	RC 344	TBA	20 of 20
Kansas Senate Bill SB 155						

## CS 211 - Discrete Structures II

Upon successful completion of this course, the student should be able to use fundamental discrete mathematics as it relates to computers and computer applications. The student will experiment with a variety of discrete mathematical topics. The course will include fundamental mathematical principles, combinatorial analysis, mathematical reasoning, graphs and trees, and Boolean logic circuits. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: CS 210

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cs/#CS\\_211](http://catalog.jccc.edu/fall/coursedescriptions/cs/#CS_211))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82228 001 F2F	M-W----	04:00-05:15 PM	08/18/14-12/12/14	RC 361	TBA	17 of 17
Kansas Senate Bill SB 155						
82229 002 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	RC 361	TBA	17 of 17
Kansas Senate Bill SB 155						

## CS 236 - Object-Oriented Programming Using C#

This course prepares students to develop object-oriented, C# applications that solve a variety of problems. Students will apply object-oriented concepts including inheritance, function overloading, and polymorphism and will utilize available classes as well as design their own. Event-driven programming, Windows applications, web development, common data structures, database access, and frameworks will be presented. 3 hrs. lecture, 2 hrs. instructional lab/wk.

Credit Hours: 4

Prerequisite: CS 201

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cs/#CS\\_236](http://catalog.jccc.edu/fall/coursedescriptions/cs/#CS_236))



CRN	Days	Time	Date	Location	Instructor	Seats Open
82232 376 HYB	-T-----	06:00-08:50 PM	08/19/14-12/12/14	RC 344	TBA	20 of 20
	-----	-	08/19/14-12/12/14	Online		

Mandatory Classroom Meetings  
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## CS 250 - Basic Data Structures Using C++

This course continues developing problem solving techniques by focusing on object-oriented styles using C++ abstract data types. Basic data structures such as queues, stacks, trees, dictionaries, their associated operations, and their array and pointer implementations will be studied. Topics also include recursion, templates, fundamental algorithm analysis, searching, sorting, hashing, object-oriented concepts and large program organization. Students will write programs using the concepts covered in the lecture. 3 hrs. lecture, 2 hrs. lab by arrangement/wk.

Credit Hours: 4

Prerequisite: (CS 235 or CIS 235) OR CS 200 and (CS 210 or CS 236 or CS 255 or CIS 240 or MATH 242)

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cs/#CS\\_250](http://catalog.jccc.edu/fall/coursedescriptions/cs/#CS_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82230 376 HYB	M-----	01:00-02:50 PM	08/18/14-12/12/14	RC 380	TBA	20 of 20
	-----	-	08/18/14-12/12/14	Online		

Kansas Senate Bill SB 155  
 Mandatory Classroom Meetings

82231 377 HYB	--W----	05:30-07:20 PM	08/20/14-12/12/14	RC 347	TBA	15 of 15
	-----	-	08/20/14-12/12/14	Online		

Mandatory Classroom Meetings  
 Kansas Senate Bill SB 155

## Computer Web

### CWEB 101 - Introduction to the Web using Internet Explorer

This course will introduce the student to commands and techniques required to effectively use the resources of the World Wide Web. Topics to be covered will include how to browse, search and retrieve information on the Internet using Internet Explorer, how to create and manage "favorites", how to protect computers from viruses, how to send and receive electronic mail, and how to create a basic home page. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisites: CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or appropriate score on an assessment test

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB\\_101](http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB_101))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82902 001 F2F	---R---	08:00-10:50 AM	08/21/14-09/18/14	RC 353	Powers S	15 of 15
Kansas Senate Bill SB 155						
82903 350 ONLNE	-----	-	08/18/14-09/22/14	Online	Mahring B	15 of 15
Kansas Senate Bill SB 155						
82904 351 ONLNE	-----	-	09/29/14-10/27/14	Online	Mahring B	15 of 15
Kansas Senate Bill SB 155						

## CWEB 103 - Professional Skills for the Digital Developer

Upon successful completion of this course, the student will be able to demonstrate effective communications and professional skills important to a career in digital development. Topics covered include the use of technology to achieve effective written and verbal communication skills, team management, project management, and problem solving skills. Current and relevant legal, ethical, and governmental issues important to a career in digital development are also covered. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB\\_103](http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB_103))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82905 001 F2F	-T-----	02:00-04:50 PM	08/19/14-12/12/14	RC 353	Nord E	15 of 15

## CWEB 104 - Introduction to Web Pages: Expression Web

This course will cover the commands and techniques required to create and revise web pages using Expression Web. Topics to be covered will include researching, planning, and creating a web site, identifying the purpose of Extensible Hypertext Markup Language (XHTML) and Cascading Style Sheets (CSS), inserting background color, inserting and editing images, creating lists, creating and applying style sheets, inserting files, creating internal and external links, and publishing a web site. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10

Prerequisite or Corequisite: CWEB 101

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB\\_104](http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB_104))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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## CWEB 105 - Introduction to Web Pages: Dreamweaver

This course will cover the commands and techniques required to create and revise Web pages using Dreamweaver. Topics to be covered will include basic text layout, viewing and identifying basic HTML tags, creating a site map, formatting a Web page, applying background color, inserting images and sounds, creating ordered and unordered lists, inserting files, and creating links on Web pages. 1 hr. lecture/wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CWEB 101

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB\\_105](http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB_105))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82907 001 F2F	M-----	06:00-08:50 PM	11/03/14-12/01/14	RC 376	Nastav C	15 of 15
Kansas Senate Bill SB 155						
82908 350 ONLINE	-----	-	08/18/14-09/22/14	Online	Hopper J	15 of 15
Kansas Senate Bill SB 155						
82910 351 ONLINE	-----	-	09/29/14-10/27/14	Online	Hopper J	15 of 15
Kansas Senate Bill SB 155						

## CWEB 110 - XHTML and CSS

This course will cover the essential skills needed to create Web sites, with a focus on using Extensible Hypertext Markup Language (XHTML) and Cascading Style Sheets (CSS). Students will be introduced to the concepts, foundations, syntax and structure of XHTML. Additional topics include the use of File Transfer Protocol (FTP) as a way to publish a web site, validation, and Web standards established by the World Wide Web Consortium (W3C) and other organizations. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$35

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB\\_110](http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB_110))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82913 001 F2F	M-----	01:00-03:50 PM	08/18/14-12/12/14	RC 376	Hopper J	15 of 15
Kansas Senate Bill SB 155						

82914 002 F2F ---R--- 06:00-08:50 PM 08/19/14-12/12/14 RC 376 Hebert S 15 of 15

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82917 003 F2F ---R--- 02:00-04:50 PM 08/21/14-12/12/14 RC 323 Friedrichsen L 15 of 15

Kansas Senate Bill SB 155

82920 004 F2F ---R--- 10:00-12:50 PM 08/21/14-12/12/14 RC 346 Friedrichsen L 15 of 15

Kansas Senate Bill SB 155

82923 005 F2F -----S- 09:00-11:50 AM 08/23/14-12/12/14 RC 378 Lafferty P 15 of 15

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## CWEB 111 - Intermed Web Concepts/Techniques using Explorer

This course is a continuation of CWEB 101, Introduction to the Web using IE, and will cover intermediate commands and techniques required to use various Web-based tools and programs. Topics to be covered will include using complex search strategies; finding people, businesses and e-mail addresses on the Web; accessing and using Newsgroups; joining and leaving mailing lists; using a Web-based chat facility; locating and downloading freeware and shareware programs; and identifying online backup and storage options. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CWEB 101

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB\\_111](http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB_111))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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82925 001 F2F	---R---	08:00-10:50 AM	09/25/14-10/23/14	RC 353	Powers S	17 of 17
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82927 350 ONLINE	-----	-	11/03/14-12/01/14	Online	Mahring B	15 of 15
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Kansas Senate Bill SB 155

## CWEB 114 - Intermediate Web Pages: Expression Web

This course is a continuation of CWEB 104, Introduction to Web Pages: Expression Web, and will cover intermediate-level commands and techniques required to create and enhance web sites using Expression Web. Topics to be covered will include creating and modifying dynamic links, working with tables, creating forms, and using templates to design web pages. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10

Prerequisite: CWEB 104

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB\\_114](http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB_114))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82929 350 ONLINE	-----	-	11/03/14-12/01/14	Online	Mahring B	15 of 15

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## CWEB 115 - Intermediate Web Pages: Dreamweaver

This course will cover intermediate-level commands and techniques required to create and enhance a Web page using Dreamweaver. Topics to be covered will include tracing images, layers, converting layers to tables, custom tables, cascading style sheets, templates and libraries, and publishing a Web site. 1 hr. lecture/wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CWEB 105

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB\\_115](http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB_115))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82931 001 F2F	M-----	06:00-08:50 PM	09/29/14-10/27/14	RC 376	Nastav C	15 of 15

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82933 350 ONLINE	-----	-	09/29/14-10/27/14	Online	Hopper J	15 of 15
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## CWEB 120 - Internet Applications: Fireworks I

This course is an introduction to the fundamentals, tools and techniques of Web imaging using Macromedia Fireworks. Students will gain an understanding how to import, manipulate, optimize and animate Web graphics. Students will combine graphics with HTML and JavaScript creating image slices, navigation menus and hotspots. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CPCA 105 or CPCA 106 or waiver test scores

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB\\_120](http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82935 350 ONLINE	-----	-	10/30/14-12/04/14	Online	Baxter P	15 of 15

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## CWEB 121 - Introduction to Mobile Media

Mobile devices outnumber desktop and laptop computers three to one worldwide. This course will cover practical guidelines, standards, techniques and best practices for building mobile products from start to finish, including basic design and development principles for all mobile devices and platforms. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$35

Prerequisite: CWEB 110

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB\\_121](http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82937 001 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	RC 376	Ladage A	15 of 15

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## CWEB 125 - Introduction to Dynamic Web Pages: Dreamweaver

This course explores the Dreamweaver database environment and dynamic site concepts. Students will learn how to create, sort and display recordset content in a Web page. Students will create search applications, allowing movement between master and detail record pages, and to display the results of database searches. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisites: CWEB 115 and CPCA 114

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB\\_125](http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82939 350 ONLINE	-----	-	11/03/14-12/01/14	Online	Hopper J	15 of 15

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## CWEB 130 - Introduction to Flash

This course will cover the commands and techniques available to add Flash content to Web pages and CD-ROMs. Topics covered will include using drawing tools, manipulating text with text tools, adding and modifying sound, creating animation and publishing work. This class will be taught in a classroom with both Macintosh and Windows computers. 1 hr. lecture/wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CPCA 161 or CWEB 104 or CWEB 105

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB\\_130](http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82941 001 F2F	---R---	03:00-05:50 PM	08/21/14-09/18/14	RC 376	Sindt R	15 of 15
Kansas Senate Bill SB 155						
82943 350 ONLINE	-----	-	08/19/14-09/16/14	Online	Baxter P	15 of 15
Kansas Senate Bill SB 155						

## CWEB 136 - Introduction to PHP

This course covers the commands and techniques available to add functionality to Web pages using PHP (Hypertext Preprocessor). Students will build client-side PHP scripts with variables, functions, expressions, methods and events to validate forms and enhance Web page functionality. The basics of server-side scripting are introduced. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisites: (CWEB 101 and CPCA 114) or (CS 134 or CIS 134)

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB\\_136](http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB_136))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82944 001 F2F	---R---	02:00-04:50 PM	09/25/14-10/23/14	RC 355	Mein P	17 of 17
Kansas Senate Bill SB 155						

## CWEB 140 - Intermediate Flash

This course will build on the fundamental skills learned in CWEB 130, Introduction to Flash. Topics will include complex animation techniques; interactivity with simple frame actions; and interactivity using objects such as buttons, hot spots and movie clips. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CWEB 130

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB\\_140](http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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## CWEB 146 - PHP with MySQL

This course covers the commands and techniques required to connect a Web page to a relational database using PHP (Hypertext Preprocessor) and MySQL (database management system). Students define and build a relational database using MySQL, then use PHP scripts as well as SQL in a Web page to connect to the database to edit, delete, and enter records. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CWEB 136

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB\\_146](http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB_146))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82946 001 F2F	---R---	02:00-04:50 PM	10/30/14-12/04/14	RC 355	Mein P	17 of 17

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## CWEB 150 - Advanced Flash

This course will build on the skills learned in CWEB 131, Intermediate Flash. Students will do projects to control movie clips, sound, external data, multiple timelines and text fields. Some ActionScripting will be introduced. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CWEB 140

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB\\_150](http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82947 350 ONLINE	-----	-	10/28/14-11/25/14	Online	Meigs R	15 of 15

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## CWEB 160 - Introduction to JavaScript

This course will cover the commands and techniques available to add functionality to Web pages using JavaScript. Topics to be covered include integrating JavaScript into an HTML file, creating pop-up windows, adding scrolling messages, validating forms and enhancing the use of image and form objects. 1 hr. lecture/wk.



Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CWEB 104 or CWEB 105 or CWEB 106 or CPCA 161 or (CS 134 or CIS 134)

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB\\_160](http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB_160))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82948 001 F2F	--W----	06:00-08:50 PM	08/20/14-09/17/14	RC 355	Pritchard M	17 of 17
Kansas Senate Bill SB 155						
82951 002 F2F	--W----	08:00-10:50 AM	09/24/14-10/22/14	RC 323	Sindt R	15 of 15
Kansas Senate Bill SB 155						
82952 350 ONLNE	-----	-	08/19/14-09/16/14	Online	Meigs R	15 of 15
Kansas Senate Bill SB 155						
82950 351 ONLNE	-----	-	08/20/14-09/17/14	Online	Sindt R	15 of 15
Kansas Senate Bill SB 155						

## CWEB 166 - Introduction to eXtensible Markup Language

This course will introduce and explain the use of XML(eXtensible Markup Language) documents to encapsulate and transfer data across the Internet. Students will learn to use document type definitions, attributes and entities, and XML schemas to build valid and useful XML documents. CSS(Cascading Style Sheets) will be introduced to format the XML documents. JavaScript will be used to incorporate programming instructions into the XML document. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: CWEB 160

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB\\_166](http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB_166))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82955 001 F2F	M-W----	10:00-11:20 AM	08/18/14-12/12/14	RC 376	Hopper J	15 of 15
Kansas Senate Bill SB 155						

## CWEB 167 - Introduction to Asynchronous JavaScript and XML

This course will introduce and explain the use of AJAX technology. AJAX is a loose acronym for Asynchronous JavaScript and XML(eXtensible Markup Language). AJAX is not a technology itself but is a combination of XHTML(eXtended Hypertext Markup Language), CSS(Cascading Style Sheets) and JavaScript's use of the DOM (Document Object Model). Students will use AJAX to build dynamically load data into a web page, to build lists on the fly, include auto complete functionality and other interactive features to a web page. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisite: CWEB 160

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB\\_167](http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB_167))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82956 001 F2F	---R---	06:00-08:50 PM	09/25/14-10/23/14	RC 355	TBA	15 of 15

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## CWEB 170 - Intermediate JavaScript

This course builds on the skills learned in CWEB 160, Introduction to Web Scripting: JavaScript. Students will learn to use JavaScript in their Web pages to build menus and navigational structures. They will also learn to use intermediate techniques for cookie manipulation and storage. Complex use of operators (Bitwise, Assignment, Comparison, Arithmetic and Boolean) will be explained. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CWEB 160

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB\\_170](http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB_170))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82957 001 F2F	--W----	06:00-08:50 PM	09/24/14-10/22/14	RC 355	Meigs R	17 of 17

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82958 350 ONLINE	-----	-	09/24/14-10/22/14	Online	Walla J	15 of 15
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## CWEB 180 - E-Commerce Using JavaScript

This course builds on the skills learned in CWEB 160, Introduction to Web Scripting: JavaScript, and CWEB 161, Intermediate JavaScript. The student will build a complete e-commerce site that will support online ordering and payment with JavaScript. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CWEB 170

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB\\_180](http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB_180))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82959 350 ONLINE	-----	-	10/28/14-11/25/14	Online	Meigs R	15 of 15

## CWEB 190 - ActionScript for Flash

This course will teach the basic skills needed to use ActionScripts in Flash movies. Students will build interactivity into their movies using ActionScript. They will also manipulate data and control Flash objects such as movie clips. ActionScript logic and functions will be explained. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CWEB 150

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB\\_190](http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB_190))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82960 350 ONLINE	-----	-	10/29/14-12/03/14	Online	Meigs R	15 of 15

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## CWEB 205 - Search Engine Optimization

This course will cover how to optimize a Website to maximize search engine ranking. Upon completion of the course students will be able to identify and implement effective Web site designs and strategies for search engine optimization. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisites: CWEB 104 or CWEB 105

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB\\_205](http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82961 350 ONLINE	-----	-	10/29/14-12/03/14	Online	Baxter P	15 of 15

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## CWEB 212 - Technical Interface Skills

This course will cover the skills needed to successfully develop Information Architecture (IA) blueprints from concept to completion. Students will use fundamental visual principles, perception, color, composition and typography to analyze and modify existing IA plans while keeping consistent structure. They will create complementary visuals that maintain a client's brand while working through the modification process. Students will review and memorize the critical universal usability rules and basic visual design principles quintessential of a design team and to implement an aesthetic vision through every step of development. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: CWEB 110

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB\\_212](http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB_212))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82962 001 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	RC 323	Nord E	15 of 15

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## CWEB 230 - Introductory E-Commerce Applications

This course will introduce students to e-commerce in a software-driven, hands-on way. It will use software tools to discuss and explore a variety of e-commerce activities. Students will examine an extensive list of e-commerce sites, such as those that support purchasing, delivery, support, auction, business-to-business, virtual community and Web-portal business goals. They will examine e-commerce stores that incorporate advertising, marketing, branding, and business efficiency goals. They will explore how to populate a store catalog, create site-wide navigation links and publish a store. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CWEB 101 or CPCA 141

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB\\_230](http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82963 350 ONLINE	-----	-	09/24/14-10/22/14	Online	Smith C	15 of 15

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## CWEB 240 - Intermediate E-Commerce Applications

This course will use software tools such as Internet Explorer and Netscape Communicator to discuss and explore a variety of intermediate e-commerce activities. For example, students will examine e-commerce security issues, such as cookies, privacy risks and property threats, including copyright issues, viruses, security policies, encryption, digital signatures and transaction integrity. Students will study electronic payment systems, including script, electronic checks, credit card purchases, electronic wallets, smart cards and electronic cash. Students will explore international and legal issues, such as language and custom barriers, laws and regulations, and tax considerations. They will also explore ethical issues, such as trust and defamation issues. Finally, they will explore careers in electronic commerce. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CWEB 230

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB\\_240](http://catalog.jccc.edu/fall/coursedescriptions/cweb/#CWEB_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82964 350 ONLINE	-----	-	10/29/14-12/03/14	Online	Smith C	15 of 15

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## Dental Hygiene

### DHYG 121 - Clinical Dental Hygiene I: Pre-Clinic

This course will includes information and techniques relating to the history, development, current status and future of the profession of dental hygiene. Students will be introduced to fundamental dental hygiene services, instrumentation, patient assessment, preventive treatment, transmissible diseases, principles of infection control. 2 hrs. lecture, 13 hrs. lab/wk.

Credit Hours: 5

Associated Costs: \$4500.00

Prerequisites: Admission to the Dental Hygiene Program, a minimum 2.0 GPA in curriculum courses and CHEM 122 and ENGL 121 and BIOL 140 and PSYC 130 and BIOL 230 Corequisites: DHYG 125 and DHYG 138  
Prerequisite or corequisite: DHYG 135 and SOC 122 Prerequisite: Selective Admission Approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/dhyg/#DHYG\\_121](http://catalog.jccc.edu/fall/coursedescriptions/dhyg/#DHYG_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80548 001 F2F	-T-R---	09:00-09:55 AM	08/19/14-12/12/14	SCI 112	Runser J	30 of 30
	-T-R---	10:00-05:00 PM	08/19/14-12/12/14	SCI 201		

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### DHYG 125 - Developmental Dentistry

This course will include a study of embryology; oral histology; developmental disturbances of the face, oral cavity and related structures; and dental morphology and occlusion. 1 hr. lecture, 3 hrs. lab/wk.

Credit Hours: 2

Prerequisites: Admission to Dental Hygiene Program and CHEM 122 and ENGL 121 and BIOL 140 and PSYC 130 and BIOL 230 and Corequisites: DHYG 121 and DHYG 138 and Prerequisites or corequisites: SOC 122 and DHYG 135

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/dhyg/#DHYG\\_125](http://catalog.jccc.edu/fall/coursedescriptions/dhyg/#DHYG_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80550 001 F2F	M-----	10:00-11:55 AM	08/18/14-12/12/14	SCI 112	Stabbe K	30 of 30

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## DHYG 135 - Dental Materials

This course is designed to provide students with a knowledge base of the science and physical properties of dental materials. Through laboratory exercises, students will have hands-on experience with dental materials used in dental hygiene and dentistry while applying their knowledge of dental material sciences. 1 hr. lecture, 2 hrs. lab/wk.

Credit Hours: 2

Prerequisites: CHEM 122 and ENGL 121 and PSYC 130 and BIOL 140 and BIOL 230 and Prerequisite or corequisite: SOC 122 Corequisites: DHYG 121 and DHYG 125 and DHYG 138

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/dhyg/#DHYG\\_135](http://catalog.jccc.edu/fall/coursedescriptions/dhyg/#DHYG_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80560 001 F2F	M-----	01:00-01:55 PM	08/18/14-12/12/14	SCI 112	Curry-Chiu M	15 of 15
	Lab --W----	12:00-01:55 PM	08/20/14-12/12/14	SCI 117		

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80565 002 F2F	M-----	01:00-01:55 PM	08/18/14-12/12/14	SCI 112	Curry-Chiu M	15 of 15
	Lab --W----	02:00-03:55 PM	08/20/14-12/12/14	SCI 117		

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## DHYG 138 - Head and Neck Anatomy

This course is designed to provide dental hygiene students with the basic anatomical foundations to support clinical course work. Topics to be covered include embryonic development of the head and neck, along with identification of the bones in the skull. Muscles of the head and neck will be identified along with their functions, insertion and origins. The vascular, lymphatic and nervous systems of the head and neck will be discussed along with the anatomical basis of the spread of infection. 3 hrs. lecture and lab/wk.

Credit Hours: 2

Prerequisites: BIOL 230 and CHEM 122 and ENGL 121 and PSYC 130 and BIOL 140 and admission to the Dental Hygiene Program and Prerequisites or corequisites: SOC 122 and DHYG 135 Corequisites: DHYG 121 and DHYG 125

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/dhyg/#DHYG\\_138](http://catalog.jccc.edu/fall/coursedescriptions/dhyg/#DHYG_138))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80568 001 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	CLB 309	Pope P	15 of 15
80570 002 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CLB 309	Pope P	15 of 15

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## DHYG 221 - Clinical Dental Hygiene III

Students will continue development in the areas of patient management, preventive dental hygiene treatment and proficiency in clinical techniques through practical application. Current advances in dental hygiene services will also be introduced. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee. 2 hrs. lecture, 16 hrs. clinic/wk.

Credit Hours: 6

Associated Costs: \$250 to 275

Prerequisites: DHYG 140 and BIOL 235 Corequisites: DHYG 225 and DHYG 230 and DHYG 240

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/dhyg/#DHYG\\_221](http://catalog.jccc.edu/fall/coursedescriptions/dhyg/#DHYG_221))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80572 001 F2F	M-W----	08:00-04:50 PM	08/18/14-12/12/14	SCI 201	Callihan T	30 of 30
	----F--	08:00-09:50 AM	08/22/14-12/12/14	SCI 112		

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## DHYG 225 - Pathology

This course will introduce the students to concepts related to general systemic and oral pathology. General principles of pathology include inflammation, immunity, neoplasia and wound healing. Basic pathological processes of oral conditions, their etiologies and treatments will be discussed. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: DHYG 140 and BIOL 235 Corequisites: DHYG 221 and DHYG 230 and DHYG 240

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/dhyg/#DHYG\\_225](http://catalog.jccc.edu/fall/coursedescriptions/dhyg/#DHYG_225))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80575 001 F2F	-T-R---	08:00-09:20 AM	08/19/14-12/12/14	CLB 316	Pope P	30 of 30

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## DHYG 230 - Dental Therapeutics

This course will introduce the basic principles of drug actions, emphasizing dental-related therapeutics and drugs associated with common systemic disorders, information on the selection of professional products, and principles necessary in administering local anesthesia. 2 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 3

Prerequisites: DHYG 140 and BIOL 235 Corequisites: DHYG 221 and DHYG 225 and DHYG 240

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/dhyg/#DHYG\\_230](http://catalog.jccc.edu/fall/coursedescriptions/dhyg/#DHYG_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80859 001 F2F	-T-RF--	10:00-11:55 AM	08/12/14-08/17/14	SCI 112	Stabbe K	30 of 30
	---R---	01:00-02:55 PM	08/14/14-08/17/14	SCI 112		
	-T-R---	10:00-11:55 AM	08/19/14-11/23/14	SCI 112		

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## DHYG 240 - Community Dental Health

Topics will include public health agencies, statistical procedures for critiquing scientific literature, identifying dental needs of different groups and planning dental health education programs. Preventive techniques, health promotion, consumer advocacy and the role of the dental hygienist in public health will be emphasized. Field experience will be included. 1 hr. lecture, 3 hrs. lab/wk.

Credit Hours: 2

Prerequisites: DHYG 140 and BIOL 235 Corequisites: DHYG 221 and DHYG 225 and DHYG 230

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/dhyg/#DHYG\\_240](http://catalog.jccc.edu/fall/coursedescriptions/dhyg/#DHYG_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80576 001 F2F	-T-----	12:00-01:20 PM	08/19/14-12/12/14	SCI 112	Flick H	30 of 30
	----F--	10:00-12:20 PM	08/22/14-12/12/14	GEB 217		

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## Dietary Managers

### DIET 100 - Foodservice Management for Dietary Managers

This course provides a comparison of the different types of meal service, along with ways of satisfying client preferences. Students will understand and apply the various components of foodservice including forecasting, purchasing, receiving and storing food, and equipment recommendations. Budgeting, marketing, safety and food quality of the industry will also be covered. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/diet/#DIET\\_100](http://catalog.jccc.edu/fall/coursedescriptions/diet/#DIET_100))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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## DIET 105 - Foodservice Internship for Dietary Managers

This course enables the student to apply classroom knowledge to an actual work situation. The internship will be developed cooperatively with area employers, college staff and each student. It will include a minimum of 96 hours per semester in a foodservice organization that would hire a dietary manager. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee.

Credit Hours: 1

Associated Costs: \$0-\$100

Prerequisite or Corequisite: DIET 100 and Department Approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/diet/#DIET\\_105](http://catalog.jccc.edu/fall/coursedescriptions/diet/#DIET_105))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80772 500 INT	-----	-	08/18/14-12/12/14	HCA	Page A	24 of 24

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Requirement: Department approval

## DIET 200 - Medical Nutrition Therapy

This course provides an understanding of how medical nutrition therapy impacts disease and the role of the dietary manager in utilizing this therapy in a clinical setting. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: HMEC 151

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/diet/#DIET\\_200](http://catalog.jccc.edu/fall/coursedescriptions/diet/#DIET_200))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82866 001 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	HCA 115	Page A	24 of 24

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## DIET 205 - Medical Nutrition Therapy Internship

This course enables the student to apply classroom knowledge to an actual work situation. The internship will be developed cooperatively with area employers, college staff and each student. It will include a minimum of 96 hours per semester in a foodservice organization that would hire a dietary manager. At least 50 of those hours will pertain to nutrition and 25 hours will be directly supervised by a registered dietitian. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee.

Credit Hours: 1

Associated Costs: \$0-\$100

Prerequisite or Corequisite: DIET 200 and Department Approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/diet/#DIET\\_205](http://catalog.jccc.edu/fall/coursedescriptions/diet/#DIET_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80775 501 INT	-----	-	08/18/14-12/12/14	HCA	Page A	24 of 24

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Requirement: Department approval

## Drafting/CAD/AutoCAD

### DRAF 120 - Introduction to Drafting

This course should be taken by students without prior drafting experience. Upon successful completion of this course, the student should be able to identify and apply the essential, basic skills necessary to proceed through the drafting program, including, measuring, geometric construction, sketching, isometrics, orthographic views, section views, dimensioning and auxiliary views. Drafting classes that have additional lab have either the time and room listed or TBA (to be announced) with the room number listed. 1hr. lecture, 2hrs. lab/wk.

Credit Hours: 2

Associated Costs: \$45 to 60

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF\\_120](http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81953 001 F2F	M-W----	12:00-12:55 PM	08/18/14-10/08/14	ITC 181	Feuerborn D	20 of 20
	M-W----	01:00-02:55 PM	08/18/14-10/08/14	ITC 181		

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Note: Students who have taken High School Drafting or who have pre-requisite questions and are new to the Drafting program should contact Tom Hughes [thughes@jccc.edu](mailto:thughes@jccc.edu) or 913-469-8500 x3901 prior to enrolling in DRAF 120; you may be able to receive credit for this class. Please contact the department if you have questions or need help with the new reading readiness requirements

## DRAF 123 - Interpreting Machine Drawings

This course is a required course in the computer-aided drafting and design technology program. Upon successful completion of this course, students should be able to interpret graphics used to fabricate, assemble, maintain and operate the equipment and products of industry. General detail and assembly prints will be evaluated for title block information, general notes, dimensioning, tolerance specification and symbology. Specialized drawings will include cams, gears, numerical control, plastics, sheet metal and instrumentation. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite or corequisite: DRAF 120 or department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/draf#DRAF\\_123](http://catalog.jccc.edu/fall/coursedescriptions/draf#DRAF_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81954 376 HYB	M-W----	12:00-12:55 PM	10/13/14-12/03/14	ITC 181	Feuerborn D	20 of 20

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Note: Students who have taken High School Drafting or who have pre-requisite questions and are new to the Drafting department should contact Tom Hughes [thughes@jccc.edu](mailto:thughes@jccc.edu) or 913-469-8500 x3901 prior to enrolling in DRAF 129; you may be able to receive credit for this class

## DRAF 129 - Interpreting Architectural Drawings

This beginning course will explain the fundamentals of interpreting (reading) architectural drawings. Upon successful completion of this course, students should be able to understand plan and elevation views, sections, details, schedules, specifications, symbols and abbreviations found on most residential and commercial construction drawings. 2 hrs. lecture/wk.

Credit Hours: 2

Associated Costs: \$5 to 10

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/draf#DRAF\\_129](http://catalog.jccc.edu/fall/coursedescriptions/draf#DRAF_129))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81955 001 F2F	----F--	09:00-10:50 AM	10/24/14-12/12/14	ITC 181	Cline L	20 of 20

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Note: Students who have taken High School Drafting or who have pre-requisite questions and are new to the Drafting program should contact Tom Hughes [thughes@jccc.edu](mailto:thughes@jccc.edu) or 913-469-8500 x3901 prior to enrolling in DRAF 129. Please contact the department if you have questions or need help with the new reading readiness requirements

81957 376 HYB	M-----	06:00-08:00 PM	10/13/14-12/07/14	ITC 181	Feuerborn D	20 of 20
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Note: Students who have taken High School Drafting or who have pre-requisite questions and are new to the Drafting program should contact Tom Hughes [thughes@jccc.edu](mailto:thughes@jccc.edu) or 913-469-8500 x3901 prior to enrolling in DRAF 129. Please contact the department if you have questions or need help with the new reading readiness requirements

81959 377 HYB	-T-----	03:30-05:20 PM	08/19/14-10/07/14	ITC 181	Feuerborn D	20 of 20
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Note: Students who have taken High School Drafting or who have pre-requisite questions and are new to the Drafting program should contact Tom Hughes [thughes@jccc.edu](mailto:thughes@jccc.edu) or 913-469-8500 x3901 prior to enrolling in DRAF 129. Please contact the department if you have questions or need help with the new reading readiness requirements

## DRAF 130 - Introduction to CAD Concepts - AutoCAD

This course provides a basic knowledge of AutoCAD. Students will learn to use CAD equipment, including input/output devices and microcomputers as drafting tools. Emphasis will be on a basic understanding of CAD terms and concepts as they are applied in industry. Students will be provided an overview of many of the key features of a major microcomputer CAD package with hands-on experience at a workstation. Basic instruction will be provided on drawing setup, drawing commands, editing commands and screen control. The important concepts of layering, standard symbols and dimensioning will be introduced. 2 hrs. lecture, 3 hrs. open lab/wk. Drafting classes that have additional lab have either the time and room listed or TBA (to be announced) with the room number listed.

Credit Hours: 3

Associated Costs: \$10 to 15

Prerequisite: DRAF 120 or department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF\\_130](http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81968 001 F2F	M-W----	06:00-07:50 PM	08/18/14-10/08/14	ITC 122	Hughes T	20 of 20
	-----	-	08/18/14-10/08/14	ITC 124		

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Note: Students who have taken High School Drafting and are new to the Drafting program should contact Tom Hughes [thughes@jccc.edu](mailto:thughes@jccc.edu) or 913-469-8500 x3901 prior to enrolling in DRAF 130. All sections of DRAF 130 will be using AutoCAD 2014

81971 002 F2F	M-W----	01:00-02:50 PM	10/13/14-12/03/14	ITC 122	Hughes T	20 of 20
	-----	-	10/13/14-12/03/14	ITC 124		

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Note: Students who have taken High School Drafting and are new to the Drafting program should contact Tom Hughes [thughes@jccc.edu](mailto:thughes@jccc.edu) or 913-469-8500 x3901 prior to enrolling in DRAF 130. All sections of DRAF 130 will be using AutoCAD 2014

## DRAF 132 - Exploring AutoCAD

This course is for non-drafting students/users who wish to casually use Autodesk's AutoCAD (computer aided drafting) software. It provides a basic knowledge of how to manipulate AutoCAD commands on a Windows or Mac platform to create drawings. Covered topics include creating and setting up a drawing, using blocks and wblocks, editing a drawing, saving completed drawings, developing template drawings, printing from paper space, dimensioning, layering, drawing defaults and hatching. 2 hrs. lecture, 3 hrs. open lab/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF\\_132](http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF_132))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81942 350 ONLINE	-----	-	08/18/14-12/12/14		Cline L	16 of 16

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Note: Students taking this online course can use either the AutoCAD LT or AutoCAD software to complete assignments. A free download of the software is available for student use. Students with additional questions or students who are new to the Drafting program should contact Tom Hughes [thughes@jccc.edu](mailto:thughes@jccc.edu) or 913-469-8500 x3901

## DRAF 135 - Graphic Analysis

This course expands on introductory knowledge in drafting and CAD. Upon successful completion of this course, the student will solve descriptive geometry problems, locate intersections of geometric shapes and produce developments of geometric shapes. Most assignments in this course will be completed using AutoCAD software. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$10 to 15

Prerequisites: DRAF 120 and DRAF 130 or department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF\\_135](http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81974 001 F2F	M-W----	03:00-03:50 PM	08/18/14-12/12/14	ITC 126	TBA	20 of 20
	M-W----	04:00-05:20 PM	08/18/14-12/12/14	ITC 126		

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## DRAF 143 - Introduction to BIM Building Information Modeling

This course introduces students to the concepts and usage of BIM: Building Information Modeling in the building construction field. Students will use Building Information Modeling software to interact with a virtual building model. Upon successful completion of this course, students will manipulate the software interface to model, interpret, access data, and view the building model. The student will use the software to model and access plan views, elevations, sections, 3-D views, structural elements, schedules and support files found in a 3-D building model. The REVIT software package is currently used. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite or corequisite: DRAF 129

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF\\_143](http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF_143))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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Note: All sections of DRAF 143 will use REVIT 2014 for completion of lab assignments

## DRAF 145 - Introduction to Parametric Design: Inventor

This course is an introduction to parametric design. The course will cover parametric modeling fundamentals, solid geometry concepts, parametric constraints fundamentals and geometric construction tools. Basic software commands will also be covered to give the student ability to demonstrate parametric modeling knowledge. 2 hrs. lecture/wk.

Credit Hours: 2

Associated Costs: \$10

Prerequisite or corequisite: DRAF 123 or Department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF\\_145](http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82061 001 F2F	-T-R---	08:00-09:50 PM	08/19/14-10/09/14	ITC 126	Catt T	15 of 15

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Note: All sections of DRAF 145 will use Inventor 2014 for the completion of lab assignments

## DRAF 151 - Introduction to 3D Modeling: SketchUp

Students will be introduced to a popular modeling/presentation software package used in architecture, engineering, and design firms. Topics include how to model buildings from floor plans, how to incorporate geolocation information from Google Earth in those models, and how to utilize the Google 3D Warehouse. Software used is the most current version of (free) SketchUp. 1 hr. lecture/wk.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF\\_151](http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF_151))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82063 001 F2F	----F--	01:00-03:20 PM	10/10/14-11/14/14	ITC 126	Cline L	15 of 15

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Note: Please contact the department if you have questions or need help with the new reading readiness requirements

## DRAF 164 - Architectural Drafting/Residential Interior Design

Upon completion of this course the student should be able to interpret and draft residential architectural drawings and utilize industry references and resources. Drawings studied include floor plans, elevations, sections, reflected ceiling plans and schedules. Students will draft on a variety of relevant materials. This course is required in the Interior Design, Interior Entrepreneurship and Interior Merchandising AAS programs. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$140 to 160

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/draf#DRAF\\_164](http://catalog.jccc.edu/fall/coursedescriptions/draf#DRAF_164))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82064 001 F2F	M-W----	09:00-09:50 AM	08/18/14-12/12/14	ITC 128	Cline L	15 of 15
	M-W----	10:00-11:20 AM	08/18/14-12/12/14	ITC 128		

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Note: Please contact the department if you have questions or need help with the new reading readiness requirements

82065 002 F2F	M-W----	06:00-06:50 PM	08/18/14-12/10/14	ITC 128	Cline L	15 of 15
	M-W----	07:00-08:20 PM	08/18/14-12/10/14	ITC 128		

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Note: Please contact the department if you have questions or need help with the new reading readiness requirements

82067 003 F2F	-T-R---	01:00-01:50 PM	08/19/14-12/12/14	ITC 128	Cline L	15 of 15
	-T-R---	02:00-03:20 PM	08/19/14-12/12/14	ITC 128		

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Note: Please contact the department if you have questions or need help with the new reading readiness requirements

## DRAF 222 - Mechanical Design and Drafting

Students successfully completing this course should be able to draw details and assembly views of mechanical parts. The types of parts discussed in this class include castings, sheet metal pieces, jigs and fixtures, and gauges. Important concepts include dimensioning, form and position tolerancing, coordinate tolerancing, and calculations related to material allowances and manufacturing. Students will use the Machinery's Handbook, and other technical publications, to research and design projects. Project assignments will be completed using computer-aided drafting (CAD) software. This course is typically taught in the fall semester. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$40

Prerequisites: DRAF 123 and DRAF 135 and DRAF 145 and DRAF 230 and Prerequisite or corequisite: MATH 131

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/draf#DRAF\\_222](http://catalog.jccc.edu/fall/coursedescriptions/draf#DRAF_222))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82075 001 F2F	-T-R---	01:00-01:55 PM	08/19/14-12/12/14	ITC 126	Feuerborn D	20 of 20
	-T-R---	02:00-03:20 PM	08/19/14-12/12/14	ITC 126		

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## DRAF 230 - Intermediate CAD: AutoCAD

This course provides an increased knowledge of autoCAD as it is used in today's industries. Students will build on their CAD experience by learning new commands and techniques that increase system productivity. Special emphasis will be on developing construction techniques and command usage to increase CAD proficiency. Additional study of standard symbols, layers and editing functions will occur. Concepts covered will include dimensioning variables and styles, attributes and external referencing, as well as paper space and model space, as used in multiple-view drawings. 2 hrs. lecture, 3 hrs. open lab/wk.

Credit Hours: 3

Associated Costs: \$5 to 10

Prerequisite: DRAF 130 or department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF\\_230](http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82081 001 F2F	-T-R---	11:00-11:50 AM	08/19/14-12/12/14	ITC 122	Hughes T	20 of 20
	-----	-	08/19/14-12/12/14	ITC 124		

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82084 002 F2F	M-W----	06:00-07:50 PM	10/13/14-12/03/14	ITC 122	Hughes T	20 of 20
	-----	-	10/13/14-12/03/14	ITC 124		

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## DRAF 243 - Advanced BIM: Revit

This course introduces the student to advanced Building Information Modeling (BIM) concepts used by many architectural and engineering design firms. Topics include advanced modeling and documentation tools, project setup and the design process. Students will model commercial buildings and produce architectural drawings. Emphasis will be placed on the hands-on application of the current software to industrial projects. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: DRAF 143 and DRAF 238 or department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF\\_243](http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF_243))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82087 001 F2F	-----S-	09:00-12:20 PM	10/13/14-12/06/14	ITC 126	TBA	15 of 15

Kansas Senate Bill SB 155

Note: All sections of DRAF 243 will use REVIT 2014 for the completion of lab assignments

## DRAF 245 - Advanced Parametric Design: Inventor



This course uses the Inventor Parametric design software used by many industrial and mechanical design firms. Topics include software commands, project setup and the design process. Emphasis will be placed on the hands-on application of the software to industrial projects. It is recommended that students have previous mechanical design knowledge or have taken DRAF 222, Mechanical Drafting. 2 hrs. lecture/wk.

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Credit Hours: 2

Prerequisite: DRAF 145 and DRAF 222 or department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF\\_245](http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF_245))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82088 001 F2F	-T-R---	08:00-09:50 PM	10/14/14-12/04/14	ITC 126	Catt T	15 of 15

Kansas Senate Bill SB 155

Note: All sections of DRAF 245 will use Inventor 2014 for the completion of lab assignments

## DRAF 250 - Electrical Drafting

Upon successful completion of this course, the student should be able to identify drafting techniques applicable to industrial lighting, motor controls, power distribution and generation. Emphasis will be on the use of tables, catalogs and applications software as aids to decision making required on electrical drawings. Project assignments will be completed primarily using CAD. This course is typically taught in the fall semester. 2 hrs. lecture, 3 hrs. lab/wk.

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Credit Hours: 3

Prerequisites: MATH 130 and either DRAF 230 or ENGR 131

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF\\_250](http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82123 001 F2F	-T-R---	05:30-06:25 PM	08/19/14-12/12/14	ITC 126	TBA	20 of 20
	-T-R---	06:30-07:50 PM	08/19/14-12/12/14	ITC 126		

Kansas Senate Bill SB 155

## DRAF 264 - CAD: Interior Design

This course is an introduction to the use of computer-aided drafting (CAD) as used in the interior design field. Upon successful completion of this course, the student should be able to draw floor plans and elevations of interiors using a computer-aided drafting system. AutoCAD LT software will be used. 2 hrs. lecture, 3 hrs. open lab/wk. Drafting classes that have additional lab have either the time and room listed or TBA (to be announced) with the room number listed. Note: Prerequisites ITMD 123 and ITMD 129 require a grade of "C" or higher.

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Credit Hours: 3

Associated Costs: \$10 to 15

Prerequisites: ITMD 123 and ITMD 129 both with a grade of "C" or higher, or department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF\\_264](http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF_264))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82124 001 F2F	-T-R---	09:00-09:50 AM	08/19/14-12/12/14	ITC 122	TBA	20 of 20
	-----	-	08/19/14-12/12/14	ITC 124		

Kansas Senate Bill SB 155

## DRAF 271 - Drafting Internship I

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. The internship will provide advanced students the opportunity to develop job- and career-related skills while in a work setting. The work will be developed cooperatively with area employers, college staff and each student to provide a variety of actual job experiences directly related to the student's career goals. 15 hrs. min./wk. Drafting classes that have additional lab have either the time and room listed or TBA (to be announced) with the room number listed.

Credit Hours: 3

Prerequisite: department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF\\_271](http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82125 500 INT	-----	-	08/18/14-12/12/14		Hughes T	5 of 5

Kansas Senate Bill SB 155

Requirement: Department approval

## DRAF 272 - Drafting Internship II

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. The internship will provide advanced students the opportunity to develop job- and career-related skills while in a work setting. The work will be developed cooperatively with area employers, college staff and each student to provide a variety of actual job experiences directly related to the student's career goals. 15 hrs. min./wk. Drafting classes that have additional lab have either the time and room listed or TBA (to be announced) with the room number listed.

Credit Hours: 3

Prerequisites: DRAF 271 and department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF\\_272](http://catalog.jccc.edu/fall/coursedescriptions/draf/#DRAF_272))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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Kansas Senate Bill SB 155

Requirement: Department approval

## English for Academic Purposes

### EAP 101 - Writing and Grammar I

This course provides English Language Learning (ELL) students an integrated communicative experience at the beginning college level. Students will learn effective writing techniques and grammatical structures for using American English at the sentence and basic paragraph level. The course will also focus on basic study and learning strategies to aid writing. This course does not fulfill degree requirements. This course is the first writing and grammar course in the sequence of courses leading to ENGL 121. 3 hrs lecture/wk.

Credit Hours: 3

Prerequisite: Appropriate ESL assessment test score

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/eap/#EAP\\_101](http://catalog.jccc.edu/fall/coursedescriptions/eap/#EAP_101))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80398 001 F2F	M-W----	06:00-07:15 PM	08/18/14-12/12/14	CC 312	Couch J	15 of 15
80400 002 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CC 124	Rainwater M	15 of 15

### EAP 103 - Writing and Grammar II

This course provides English Language Learning (ELL) students an integrated communicative experience. Students will focus on using American English in writing at the paragraph level along with grammatical structures to help ensure students success. The course will also focus on learning and study strategies to enhance writing. This course does not fulfill degree requirements. This course is the second writing and grammar course in the sequence of courses leading to ENGL 121. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: Either EAP 101 and EAP 120 and EAP 105 OR appropriate ESL assessment test score

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/eap/#EAP\\_103](http://catalog.jccc.edu/fall/coursedescriptions/eap/#EAP_103))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80401 001 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	CC 130	Lytchnikova E	15 of 15
80403 002 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CC 130	Aronoff D	15 of 15
80405 003 F2F	M-W----	06:00-07:15 PM	08/18/14-12/12/14	GEB 242	Woodward S	15 of 15
80406 004 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	LIB 352	Tumanut S	15 of 15
80407 005 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CC 124	Tumanut S	15 of 15

## EAP 105 - Speaking and Pronunciation I

This course provides English Language Learning (ELL) students the opportunity to develop their speaking and pronunciation skills. Focus will be on effective techniques for using American English in academic, career and personal settings. This course does not fulfill degree requirements. This course is a prerequisite in a sequence of courses leading to ENGL 121. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: Appropriate ESL assessment test score

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/eap/#EAP\\_105](http://catalog.jccc.edu/fall/coursedescriptions/eap/#EAP_105))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80408 001 F2F	M-W----	07:30-08:50 PM	08/18/14-12/12/14	CC 312	Austin K	15 of 15
80409 002 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	CC 124	Gunbatar V	15 of 15

## EAP 107 - Speaking and Pronunciation II

This course provides English Language Learning (ELL) students the opportunity to expand fluency in speaking and pronunciation. The course covers techniques for listening with accuracy and speaking with the stress, rhythm and intonation of American English. Personal communications and group interactions in academic, career and community settings are included. The course concludes with applications to individual life goals. This course does not fulfill degree requirements. This course is a prerequisite in a sequence of courses leading to ENGL 121. 3 hrs lecture/wk.

Credit Hours: 3

Prerequisites: Either EAP 101 and EAP 120 and EAP 105 OR appropriate ESL assessment test score

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/eap/#EAP\\_107](http://catalog.jccc.edu/fall/coursedescriptions/eap/#EAP_107))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80410 001 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CC 130	Lytchnikova E	15 of 15
80411 002 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	CC 130	Aronoff D	15 of 15
80412 003 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CC 124	Rainwater M	15 of 15
80413 004 F2F	-T-R---	06:00-07:15 PM	08/19/14-12/12/14	LIB 352	Nguyen E	15 of 15

## EAP 111 - Writing and Grammar III

This course provides English Language Learning (ELL) students an integrated communicative experience at the intermediate level. Students will focus on developing fluency in writing using American English at the paragraph and multi-paragraph level along with grammatical structures to support writing. This course does not fulfill degree requirements. This course is the third writing and grammar course in the sequence of courses leading to ENGL 121. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: Either EAP 103 and EAP 121 and EAP 107 OR appropriate ESL assessment test score

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/eap/#EAP\\_111](http://catalog.jccc.edu/fall/coursedescriptions/eap/#EAP_111))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80414 001 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	CC 128	Peters S	15 of 15
80416 002 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CC 128	Kastendick R	15 of 15
80417 003 F2F	M-W----	06:00-07:15 PM	08/18/14-12/12/14	LIB 352	Milkowart H	15 of 15
80419 004 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CC 128	Milkowart H	15 of 15
80420 005 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CC 128	Hewitt J	15 of 15

## EAP 113 - Writing and Grammar IV

This course provides English Language Learning (ELL) students the opportunity to improve fluency in American English in writing at the high intermediate to advanced level. Students will engage in writing tasks that relate to the academic disciplines. The course also focuses on grammar activities including editing strategies for effective writing. This course is the fourth writing and grammar course in the sequence of courses. This course does not fulfill degree requirements. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: Either EAP 111 and EAP 122 and EAP 115 OR appropriate ESL assessment test score

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/eap/#EAP\\_113](http://catalog.jccc.edu/fall/coursedescriptions/eap/#EAP_113))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80372 001 F2F	M-W-F--	02:00-02:50 PM	08/18/14-12/12/14	CC 124	TBA	20 of 20
80373 002 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CC 128	Peters S	20 of 20
80374 003 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	CC 130	Hewitt J	20 of 20
80375 004 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CC 130	Hewitt J	20 of 20
80376 005 F2F	-T-R---	03:30-04:45 PM	08/19/14-12/12/14	CC 316	Dixon G	20 of 20
80377 006 F2F	-T-R---	06:00-07:15 PM	08/19/14-12/12/14	CC 312	Woodward S	20 of 20
82101 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Milkowart H	20 of 20

## EAP 115 - Speaking and Pronunciation III

This course provides English Language Learning (ELL) students the opportunity to enhance fluency in speaking, pronunciation, and listening at the upper intermediate level. Students apply standard American communication patterns to understand lectures, speak in academic settings, and communicate in group interactions. Informal and

formal projects include oral reports in specific fields of study and academic debates. The course concludes with analysis of individual goals and assessments to enhance academic success. This course does not fulfill degree requirements. This course is a prerequisite in a sequence of courses leading to ENGL 121. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: Either EAP 103 and EAP 121 and EAP 107 OR appropriate ESL assessment test score

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/eap/#EAP\\_115](http://catalog.jccc.edu/fall/coursedescriptions/eap/#EAP_115))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80378 001 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CC 124	Kastendick R	15 of 15
80379 002 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	CC 128	Chung J	15 of 15
80380 003 F2F	M-W----	07:30-08:50 PM	08/18/14-12/12/14	GEB 242	Woodward S	15 of 15
80381 004 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CC 128	Milkowart H	15 of 15
80382 005 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	CC 128	Milkowart H	15 of 15

## EAP 117 - Speaking and Pronunciation IV

This course offers English Language Learning (ELL) students the opportunity to master speaking, pronunciation, and listening at an advanced level. Pronunciation performance will be enhanced for accent reduction and communication of precise meanings of standard American English. Students apply advanced strategies to process knowledge from specific fields of study and give presentations with idiomatic vocabulary from literature, media, and research sources. The course concludes with expansion of sociolinguistic and cultural competencies for group interactions and large audiences. Pre- and post-assessments measure progress in exit competencies. This course does not fulfill degree requirements. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: Either EAP 111 and EAP 122 and EAP 115 OR appropriate ESL assessment test score

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/eap/#EAP\\_117](http://catalog.jccc.edu/fall/coursedescriptions/eap/#EAP_117))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80383 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CC 128	Peters S	17 of 17
80384 002 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	CC 124	TBA	17 of 17
80385 003 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CC 130	Gray A	17 of 17
80386 004 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CC 130	Gray A	17 of 17
80387 005 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	CC 130	Gray A	17 of 17
80388 006 F2F	-T-R---	07:30-08:50 PM	08/19/14-12/12/14	LIB 352	Nguyen E	17 of 17

## EAP 120 - Reading/Vocabulary I

This course provides English Language Learning (ELL) students an integrated communication experience on the high beginning college level. Students will learn effective techniques for reading, studying and using American English in an academic setting. This course does not fulfill degree requirements. This is the first reading course in the sequence of courses leading to ENGL 121. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: Appropriate ESL assessment test score

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/eap/#EAP\\_120](http://catalog.jccc.edu/fall/coursedescriptions/eap/#EAP_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80389 001 F2F	M-W----	04:00-05:15 PM	08/18/14-12/12/14	LIB 352	TBA	15 of 15
80390 002 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	CC 124	Rainwater M	15 of 15

## EAP 121 - Reading/Vocabulary II

This course provides English Language Learning (ELL) students the opportunity to develop reading fluency, comprehension and vocabulary on the low intermediate college level. Reading, writing, speaking and listening will be integrated, and students will learn effective techniques for studying and using American English in an academic setting. This course does not fulfill degree requirements. This is the second reading course in the sequence of courses leading to ENGL 121. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: Either EAP 101 and EAP 120 and EAP 105 OR appropriate ESL assessment test score

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/eap/#EAP\\_121](http://catalog.jccc.edu/fall/coursedescriptions/eap/#EAP_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80392 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CC 124	Couch J	15 of 15
80393 002 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	CC 130	Kastendick R	15 of 15
80394 003 F2F	M-W----	04:00-05:15 PM	08/18/14-12/12/14	CC 124	TBA	15 of 15
80395 004 F2F	M-W----	07:30-08:50 PM	08/18/14-12/12/14	LIB 352	Paul Newby M	15 of 15
80396 005 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	GEB 242	TBA	15 of 15
80397 006 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CC 324	Gunbatar V	15 of 15

## EAP 122 - Reading and Vocabulary III

This course provides English Language Learning (ELL) students an integrated communicative experience at the intermediate college level. Students will develop reading fluency, comprehension, and vocabulary. Reading, writing, speaking, and listening will be integrated, and students will learn effective techniques for using American English to read and study in an academic setting. This course does not fulfill degree requirements. This course is the third reading course in the sequence of courses leading to ENGL 121. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: Either EAP 103 and EAP 121 and EAP 107 OR appropriate ESL assessment test score

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/eap/#EAP\\_122](http://catalog.jccc.edu/fall/coursedescriptions/eap/#EAP_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80329 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CC 130	Lytchnikova E	15 of 15
80330 002 F2F	M-W-F--	02:00-02:50 PM	08/18/14-12/12/14	CC 128	Couch J	15 of 15
80331 003 F2F	M-W----	04:00-05:15 PM	08/18/14-12/12/14	GEB 242	TBA	15 of 15
80332 004 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	CC 314	Fargus L	15 of 15
80333 005 F2F	-T-R---	03:30-04:45 PM	08/19/14-12/12/14	CC 124	Gunbatar V	15 of 15

## Economics

### ECON 132 - Survey of Economics

Upon successful completion of this course, the student should be able to explain basic macroeconomic and microeconomic theory, fiscal and monetary policies, the role and significance of international economics and government trade and regulatory policies. In addition, the student should be able to describe the characteristics and consequences of the differing business units in the economy, as well as the functioning of the labor market and how national income is distributed. The course is primarily for students who desire a one-semester, nontechnical overview of the basic components of macroeconomic and microeconomic theory and the functioning of the United States economy. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/econ/#ECON\\_132](http://catalog.jccc.edu/fall/coursedescriptions/econ/#ECON_132))

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
81624 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	OCB 248	Syracuse F	30 of 30
81625 002 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	OCB 248	Syracuse F	30 of 30
81626 003 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	ITC 183	Young B	18 of 18
81627 004 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	OCB 248	Syracuse F	30 of 30
81628 005 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	ITC 183	Frederick D	18 of 18
81629 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Copeland D	20 of 20
81630 351 ONLINE	-----	-	08/18/14-12/12/14	Online	Copeland D	20 of 20

### ECON 230 - Economics I




Upon successful completion of this course, the student should be able to use economic terminology and principles to explain and discuss basic macroeconomic concepts, including supply of and demand for products, national income determination, money and banking, and monetary and fiscal policy. The student enrolling in this course should have successfully completed one year of high school algebra or the equivalent. (Macro) 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/econ/#ECON\\_230](http://catalog.jccc.edu/fall/coursedescriptions/econ/#ECON_230))

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
81631 001 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	OCB 246	Hadley S	32 of 32
81632 002 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	ITC 187	Kim K	17 of 17
81634 003 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	ITC 187	Kim K	17 of 17
81633 004 F2F	M-W----	10:00-11:25 AM	09/03/14-12/10/14	 KUE 220	Postlewait J	25 of 25
81635 005 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	ITC 187	Okao A	17 of 17
81636 006 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	ITC 187	Okao A	17 of 17
81637 007 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	OCB 248	Syracuse F	30 of 30
81641 008 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	OCB 246	Okao A	32 of 32
81642 009 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	OCB 248	Brogna A	30 of 30
81643 010 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	OCB 246	Hadley S	32 of 32
81644 011 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	OCB 246	Kim K	32 of 32
81645 012 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	OCB 248	Brogna A	30 of 30
81646 013 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	RC 342	Hinds A	18 of 18
81647 014 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	OCB 248	Brogna A	30 of 30
81648 015 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CC 318	Karscig M	30 of 30
81649 016 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	OCB 248	Clark L	30 of 30
81650 017 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	GEB 256	Karscig M	32 of 32
81651 018 F2F	-T-R---	02:00-04:40 PM	08/19/14-10/09/14	OCB 246	Clark L	32 of 32
81652 019 F2F	-T-R---	03:30-04:45 PM	08/19/14-12/12/14	OCB 248	Syracuse F	30 of 30
81653 020 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	OCB 246	Kim K	32 of 32
81654 021 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	OCB 248	Syracuse F	30 of 30
81655 022 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	OCB 246	Owens D	32 of 32
81657 350 ONLNE	-----	-	08/18/14-12/12/14	Online	Abderrezak A	20 of 20
81658 351 ONLNE	-----	-	08/18/14-12/12/14	Online	Abderrezak A	20 of 20
81659 352 ONLNE	-----	-	08/18/14-12/12/14	Online	Abderrezak A	20 of 20
81660 353 ONLNE	-----	-	08/18/14-12/12/14	Online	Copeland D	20 of 20

81661	354	ONLNE	-----	-	08/18/14-12/12/14	Online	Copeland D	20 of 20
81662	355	ONLNE	-----	-	08/18/14-12/12/14	Online	Copeland D	20 of 20
81663	356	ONLNE	-----	-	08/18/14-12/12/14	Online	Hadley S	20 of 20

## ECON 230H - HON: Economics I

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/econ/#ECON\\_230H](http://catalog.jccc.edu/fall/coursedescriptions/econ/#ECON_230H))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
81506	01H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## ECON 231 - Economics II

Upon successful completion of this course, the student should be able to use economic terminology and principles to explain and discuss basic microeconomic concepts, including extended analysis of product supply and demand and theory of the firm and product and resource market structures. Students enrolling in this course should have successfully completed one year of high school algebra or the equivalent. (Micro) 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/econ/#ECON\\_231](http://catalog.jccc.edu/fall/coursedescriptions/econ/#ECON_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open		
81664	001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	OCB 246	Hadley S	32 of 32	
81665	002 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	OCB 246	Kim K	32 of 32	
81666	003 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	OCB 246	TBA	32 of 32	
81667	004 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	ITC 187	Young B	17 of 17	
81668	005 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	OCB 246	Hadley S	32 of 32	
81669	006 F2F	-T-R---	02:00-04:40 PM	10/14/14-12/04/14	OCB 246	Clark L	32 of 32	
81670	007 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	OCB 246	Karscig M	32 of 32	
81671	008 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	OCB 248	Syracuse F	30 of 30	
81672	350	ONLNE	-----	-	08/18/14-12/12/14	Online	Abderrezak A	20 of 20

81673	351	ONLNE	-----	-	08/18/14-12/12/14	Online	Abderrezak A	20 of 20
81674	352	ONLNE	-----	-	08/18/14-12/12/14	Online	Copeland D	20 of 20
82881	353	ONLNE	-----	-	08/18/14-12/12/14	Online	Copeland D	20 of 20

## ECON 231H - HON: Economics II

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/econ/#ECON\\_231H](http://catalog.jccc.edu/fall/coursedescriptions/econ/#ECON_231H))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
81507	02H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## Education and Early Childhood

### EDUC 121 - Introduction to Teaching

Teaching concepts and practices as they apply to today's elementary and secondary schools will be introduced. Topics will include the roles and responsibilities of the teacher, various modes of instruction, specialized areas in teaching, and professional requirements and concerns. Twenty hours of observation in a school setting are required. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: RDG 126 or College Reading Readiness (<http://www.jccc.edu/credit-enrollment/reading-readiness.html>)

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/educ/#EDUC\\_121](http://catalog.jccc.edu/fall/coursedescriptions/educ/#EDUC_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
80730	001 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	SCI 212	McDonough M	35 of 35
80731	002 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	SCI 212	McDonough M	35 of 35
80733	003 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	SCI 212	McDonough M	35 of 35

## EDUC 130 - Foundations of Early Childhood Education

This introductory survey course is designed to provide students with current information on topics relevant to employment in early childhood programs. The course explores the historical and philosophical roots of early childhood education, general principles in child development, the teacher's role, values and ethics in early childhood education, curriculum design, and classroom management. Twenty hours of observation in a group childcare setting are required. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: RDG 126 or College Reading Readiness (<http://www.jccc.edu/credit-enrollment/reading-readiness.html>)

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/educ/#EDUC\\_130](http://catalog.jccc.edu/fall/coursedescriptions/educ/#EDUC_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80736 001 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	SCI 212	Hurst D	35 of 35
Kansas Senate Bill SB 155						
80737 002 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	SCI 212	Hurst D	35 of 35
Kansas Senate Bill SB 155						


## EDUC 131 - Early Childhood Curriculum I

This methods course is designed for students who are, or will be, working in an early childhood education setting and parents or others who desire to develop an intellectually challenging environment for young children. The focus of the course is curriculum areas that deal with language and physical development. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite or corequisite: EDUC 130 with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/educ/#EDUC\\_131](http://catalog.jccc.edu/fall/coursedescriptions/educ/#EDUC_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80738 001 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	HCDC 128	Hurst D	35 of 35
Kansas Senate Bill SB 155						
80739 201 F2F	--W----	06:30-09:30 PM	09/03/14-12/12/14	 LCS	Keeton S	25 of 25
Kansas Senate Bill SB 155						

## EDUC 210 - Creative Experiences for Young Children

This course is a study of constructing and maintaining an environment for young children that fosters aesthetic sensitivity and creativity. The course includes the young child's developmental stages in art, music, movement, language, and creative and dramatic play; methods and materials that nourish developmentally appropriate creative experiences and support an inclusive, anti-bias curriculum; integration of creative experiences in the whole curriculum; the use of technology; and helping families understand the creative experience. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: EDUC 130 with a grade of "C" or higher and one of the following: PSYC 215 or PSYC 218 or EDUC 270

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/educ/#EDUC\\_210](http://catalog.jccc.edu/fall/coursedescriptions/educ/#EDUC_210))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80740 001 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	HCDC 128	Springate J	35 of 35

Kansas Senate Bill SB 155

## EDUC 220 - Survey of the Exceptional Child

This course is an overview of the field of special education geared to those who are preparing to work with students with special needs. The course provides fundamental information on the identification and exceptionality, laws and legal cases affecting the delivery of services to individuals with exceptionalities and the principles of effective educational approaches for each exceptionality. Categories of exceptionality presented include learning disabilities, mental retardation, behavior disorders, gifted and talented, communication disorders, autism, traumatic brain injury, physical disabilities, sensory impairments, other health impairments and multiple and severe disabilities. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: RDG 126 or College Reading Readiness (<http://www.jccc.edu/credit-enrollment/reading-readiness.html>)

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/educ/#EDUC\\_220](http://catalog.jccc.edu/fall/coursedescriptions/educ/#EDUC_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80741 001 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	CC 126B	Salvato M	35 of 35
80742 351 ONLINE	-----	-	08/18/14-12/12/14	Online	Salvato M	25 of 25

## EDUC 231 - Early Childhood Curriculum II

This methods course is designed for students who are, or will be, working in an early childhood education setting and parents or others who desire to develop an intellectually challenging environment for young children. The focus of the course is on curriculum areas that deal with the physical and social aspects of the world. Included in this inquiry curriculum are mathematics, science, social studies and nutrition. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: EDUC 131

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/educ/#EDUC\\_231](http://catalog.jccc.edu/fall/coursedescriptions/educ/#EDUC_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80743 001 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	HCDC 128	Hurst D	35 of 35

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## EDUC 235 - Parenting

This course is a study of effective parenting. The course is designed for teachers of young children and parents and guardians who desire to provide an environment that reflects sensitivity to the unique needs of the individual child and family. Topics covered during the course are the history of child-rearing methods, an overview of child development, types of families, parent/guardian fears and concerns, purposes of child behavior, and effective communication techniques. Problem prevention and resolution, nurturing self-esteem in children and building effective, collaborative relationships between teachers and families are also covered. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite or corequisite: PSYC 215 or PSYC 218 or EDUC 270

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/educ/#EDUC\\_235](http://catalog.jccc.edu/fall/coursedescriptions/educ/#EDUC_235))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80744 351 ONLINE	-----	-	08/18/14-12/12/14	Online	Hurst D	25 of 25

## EDUC 250 - Child Health, Safety and Nutrition

This course is a study of the basic health, nutrition and safety management practices for young children. Information on establishing and maintaining a physically and psychologically safe and healthy learning environment appropriate for the needs of young children will be included. The interrelation of health, safety and nutrition is stressed, with emphasis on appraisal procedures, prevention and protection, services and educational experiences for young children and their families. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: RDG 126 or College Reading Readiness (<http://www.jccc.edu/credit-enrollment/reading-readiness.html>)

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/educ/#EDUC\\_250](http://catalog.jccc.edu/fall/coursedescriptions/educ/#EDUC_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80745 001 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	HCDC 128	McDonald K	35 of 35

## EDUC 260 - Observing and Interacting with Young Children

This course is a study of the role of observation to assess and monitor the development and learning of children, birth through age 8, and the appropriate techniques for interacting with young children, considering their individual differences. Included will be the purposes and types of observation procedures, interpretation and use of findings, reporting techniques, and legal and ethical responsibilities. Expected age-related child behavior, fundamental principles of and theoretical approaches to child guidance, guidance techniques, working with families, and issues of diversity are presented. The laboratory will include demonstration of the subject matter. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Prerequisite: EDUC 130 with a grade of "C" or higher and Prerequisite or corequisite: PSYC 215 or PSYC 218 or EDUC 270

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/educ/#EDUC\\_260](http://catalog.jccc.edu/fall/coursedescriptions/educ/#EDUC_260))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80746 001 F2F	--W----	12:00-01:40 PM	08/20/14-12/12/14	HCDC 128	Foster-Nelson A	15 of 15

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## EDUC 284 - Seminar: Early Childhood Education

The course will focus on conduct and responsibilities of the intern; early childhood codes, laws and regulations; child development; activity planning and curriculum development; observation and guidance of young children; authentic assessment; responsibilities to the young child's family and community and to the teaching profession; employability skills; self- assessment; and job-seeking skills. The student's practical application of information in the internship will be discussed, and a portfolio will be developed. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: Department approval and Corequisite: EDUC 285

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/educ/#EDUC\\_284](http://catalog.jccc.edu/fall/coursedescriptions/educ/#EDUC_284))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80747 001 F2F	----F--	12:00-02:45 PM	08/22/14-12/12/14	HCDC 128	Foster-Nelson A	10 of 10

Requirement: Department approval

## EDUC 285 - Student Teaching: Early Childhood Education

This supervised field experience in early childhood education is designed for students to apply their knowledge of

teaching young children. The student will be participating in curriculum design and presentation; observing and interacting with young children; providing for the health, safety and nutrition of young children; managing the program setting; and working with families and the community. A self-assessment and a professional development plan are completed. The student will spend 20 hours a week (320 clock hours total) in at least two different early childhood settings, serving children of two different ages. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee.

Credit Hours: 3

Prerequisite: EDUC 130 with a grade of "C" or higher, EDUC 250 with a grade of "C" or higher and EDUC 260 with a grade of "C" or higher.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/educ/#EDUC\\_285](http://catalog.jccc.edu/fall/coursedescriptions/educ/#EDUC_285))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80748 501 INT	-----	-	08/18/14-12/12/14		Foster-Nelson A	10 of 10

## Electronics

### ELEC 120 - Introduction to Electronics

This is a beginning course in electronics technology that is appropriate for both electronic majors and other interested students. An overview of basic electronic theory, principles and components is presented. In addition, the laboratory exercises will emphasize the operation and use of the primary pieces of electronic test equipment and the fabrication of selected circuits. 2 hrs. lecture, 2 hrs. lab-lecture, 2 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$10 to 20

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/elec/#ELEC\\_120](http://catalog.jccc.edu/fall/coursedescriptions/elec/#ELEC_120))

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
82128 001 F2F	-T-R---	06:00-06:50 PM	08/19/14-12/12/14	ITC 184	Baldwin R	20 of 20
	-T-R---	07:00-08:20 PM	08/19/14-12/12/14	ITC 184		

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Note: Please contact the department if you have questions or need help with the new reading readiness requirements

82131 002 F2F	-T-R---	11:30-12:20 PM	08/19/14-12/12/14	ITC 184	Cody P	20 of 20
	-T-R---	12:30-01:50 PM	08/19/14-12/12/14	ITC 184		

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Note: Please contact the department if you have questions or need help with the new reading readiness requirements



## ELEC 125 - Digital Electronics I

This is a beginning course in which students will study and practice the basic concepts of digital electronics. Topics will include digital number systems, logic gates, logic circuits, flip-flops, digital arithmetic, counters and registers. 3 hrs. lecture, 3 hrs. open lab/wk.

Credit Hours: 4

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/elec/#ELEC\\_125\)](http://catalog.jccc.edu/fall/coursedescriptions/elec/#ELEC_125)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
82132 001 F2F	M-W----	06:00-07:20 PM	08/18/14-12/12/14	ITC 188	Cody P	20 of 20
	-----	-	08/18/14-12/12/14	ITC 186		

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## ELEC 126 - Microcomputer A+ Preparation

This course is designed to be a general introduction to personal computer hardware and operating system software. The course teaches the operation, installation and upgrade of all the major components of a typical PC. The course also provides the basic knowledge to prepare the student for passing the A+ test, which is the industry standard certification for personal computer technicians. Since A+ Certification is based upon the Windows Operating System and Intel/AMD-type microprocessors, these will be the basis of the course. The course will cover both of the A+ Certification testing areas: PC Hardware (Core Test) and Operating Systems (OS Test). 3 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 4

Associated Costs: \$5 to 10

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/elec/#ELEC\\_126\)](http://catalog.jccc.edu/fall/coursedescriptions/elec/#ELEC_126)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
82133 001 F2F	-T-R---	08:00-09:20 AM	08/19/14-12/12/14	ITC 188	Pitts R	20 of 20
	-T-R---	09:30-10:50 AM	08/19/14-12/12/14	ITC 191A		

Kansas Senate Bill SB 155

Note: Please contact the department if you have questions or need help with the new reading readiness requirements

82135 002 F2F	-T-R---	02:00-03:20 PM	08/19/14-12/12/14	ITC 188	Cody P	20 of 20
	-T-R---	03:30-04:50 PM	08/19/14-12/12/14	ITC 191A		

Kansas Senate Bill SB 155

Note: Please contact the department if you have questions or need help with the new reading readiness requirements

## ELEC 127 - Robots for Humans

This course is a general introduction to the rapidly growing field of robotics. The class will use lectures, demonstrations and lab work to teach the basics of robotics. This course is designed to assist new users in making use of this technology in their own lives and as an introduction for students wanting to proceed further into the field. 3 hrs lecture, 2 hrs open lab/wk.

Credit Hours: 4

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/elec/#ELEC\\_127](http://catalog.jccc.edu/fall/coursedescriptions/elec/#ELEC_127))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82136 001 F2F	M-W----	01:00-03:20 PM	08/18/14-12/12/14	ITC 189	Cody P	10 of 10
	-----	-	08/18/14-12/12/14	ITC 189		

## ELEC 130 - Electronic Devices I

This is the first course in electronic devices. Topics include diodes and transistors, special purpose diodes and diode application circuits. Both bipolar junction transistors (BJTs) and field effect transistors (FETs) are examined and application circuits for both transistor types are constructed. 3 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 4

Prerequisite or corequisite: ELEC 140

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/elec/#ELEC\\_130](http://catalog.jccc.edu/fall/coursedescriptions/elec/#ELEC_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82137 001 F2F	M-W----	12:30-01:50 PM	08/18/14-12/12/14	ITC 184	Fouad H	12 of 12
	M-W----	02:00-03:20 PM	08/18/14-12/12/14	ITC 184		

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## ELEC 131 - Introduction to Sensors and Actuators

This course examines types and uses of industrial sensors and actuators. Topics include temperature, pressure, optical, position and flow sensors. Operation of AC and DC motor drives will also be covered. The course will also include wiring and troubleshooting of sensors and actuators. Lecture topics will be supported by hands-on lab projects. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/elec/#ELEC\\_131](http://catalog.jccc.edu/fall/coursedescriptions/elec/#ELEC_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82138 001 F2F	-T-----	06:00-07:40 PM	08/19/14-12/12/14	ITC 189	TBA	15 of 15
	-T-----	07:50-10:20 PM	08/19/14-12/12/14	ITC 191B		

Note: Please contact the department if you have questions or need help with the new reading readiness requirements

## ELEC 133 - Programmable Controllers

This is an introductory course in programmable logic controllers. The course is designed for individuals without extensive electrical or controller backgrounds. Hardware aspects and programming aspects of controller operation are covered. The foundational controller logic symbols and controller logic operations necessary to interpret and write ladder logic programs are taught in this class. Students will enter, edit and test controller programs through assigned laboratory projects. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$5 to 10

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/elec/#ELEC\\_133](http://catalog.jccc.edu/fall/coursedescriptions/elec/#ELEC_133))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82139 001 F2F	--W----	06:00-07:40 PM	08/20/14-12/12/14	ITC 189	TBA	15 of 15
	--W----	07:50-10:20 PM	08/20/14-12/12/14	ITC 191B		

Note: Please contact the department if you have questions or need help with the new reading readiness requirements

## ELEC 140 - Circuit Analysis II

The analysis techniques presented in Circuit Analysis I will be applied to complex circuits driven by AC and pulsed sources. The responses of circuits having resistance, inductance and capacitance will be analyzed. Other topics include transformers and electrical filters. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$5 to 30

Prerequisites: ELEC 122 and (MATH 131 or MATH 172 or MATH 173)

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/elec/#ELEC\\_140](http://catalog.jccc.edu/fall/coursedescriptions/elec/#ELEC_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82141 001 F2F	-T-R---	10:00-11:20 AM	08/19/14-12/12/14	ITC 188	Fouad H	15 of 15

## ELEC 185 - LAN Cabling and Installation

This course is designed to provide specialized skills for installing and testing local area network cabling and wireless installation. Twisted-pair, coax and fiber cables will be introduced and contrasted based on their characteristics and applications. Laboratory exercises for terminating and testing network cables and installing wireless systems will accompany the lectures. Students will be trained how to use common wiring tools and testing instruments. Methods of documenting LAN systems will also be introduced. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$10 to 20

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/elec/#ELEC\\_185\)](http://catalog.jccc.edu/fall/coursedescriptions/elec/#ELEC_185)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
82144 001 F2F	M-W----	06:00-06:50 PM	08/18/14-12/12/14	ITC 184	Baldwin R	20 of 20
	M-W----	07:00-08:25 PM	08/18/14-12/12/14	ITC 184		

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Note: Please contact the department if you have questions or need help with the new reading readiness requirements

## ELEC 250 - Microcomputer Maintenance

This course is a continuation of the study of personal computers and will further the student's ability to maintain and repair them. In addition, this course will assist the student in preparing for computer-maintenance certification. Topics will include interaction of hardware and operating systems, resource conflicts, networking capabilities, common hardware and software problems, hardware differences of portable computers, and upgrading computers. The course topics will be supported by laboratory projects. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$5 to 10

Prerequisite: ELEC 126

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/elec/#ELEC\\_250\)](http://catalog.jccc.edu/fall/coursedescriptions/elec/#ELEC_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82152 001 F2F	M-W----	12:00-12:50 PM	08/18/14-12/12/14	ITC 188	Pitts R	15 of 15
	M-W----	01:00-02:20 PM	08/18/14-12/12/14	ITC 191A		

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## ELEC 271 - Electronics Internship I

This course affords the student the opportunity to apply classroom knowledge to an actual work environment. It will provide selected advanced electronics technology students with appropriate on-the-job experience with area employers, under instructional oversight, that will promote the student's career goals. 18 hrs. approved and appropriate work activity/wk.

Credit Hours: 1

Prerequisite: department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/elec/#ELEC\\_271](http://catalog.jccc.edu/fall/coursedescriptions/elec/#ELEC_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82154 500 INT	-----	-	08/18/14-12/12/14		Cody P	5 of 5

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Requirement: Department approval

## Electrical Technology

### ELTE 122 - National Electrical Code I

This is an introductory course on the use and interpretation of the current National Electrical Code. Students should develop a working knowledge of the code that will permit them to apply it to everyday applications. Upon successful completion of this course, the student should be able to use the code to design service entrances, feeders and branch circuits and discern between wiring methods used in difference occupancies. 4 hrs. lecture /wk.

Credit Hours: 4

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/elte/#ELTE\\_122](http://catalog.jccc.edu/fall/coursedescriptions/elte/#ELTE_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82127 001 F2F	-T-R---	01:00-02:50 PM	08/19/14-12/12/14	ATB 127	Weible M	30 of 30

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82129 002 F2F	-T-R---	07:00-08:50 PM	08/19/14-12/12/14	ATB 125	Gilmore S	30 of 30
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### ELTE 123 - Electromechanical Systems

Upon successful completion of this course, the student should be able to identify electrical components and their relationships to the various repair and troubleshooting techniques. The materials in this course will prove useful to service technicians whose background in electricity is limited. The course includes material from basic electrical theory to troubleshooting complex electrical circuits. This course will provide practice in the application of electrical theory as well as in the interconnection of components of heating and cooling systems. The student will be required to provide ANSI Z87 safety glasses and may be expected to provide other basic hand tools and/or equipment. This is a beginning course in electrical theory that is required for HVAC, electrical and power plant technology but is appropriate for all interested students. Common components found in the HVAC industry are used to develop these skills. 3 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 4

CRN	Days	Time	Date	Location	Instructor	Seats Open
82130 001 F2F	-T-----	08:00-10:50 AM	08/19/14-12/12/14	ATB 164A	Klammer W	16 of 16
	---R---	08:00-10:50 AM	08/21/14-12/12/14	ATB 164A		
Kansas Senate Bill SB 155						
82134 002 F2F	M-----	04:00-06:50 PM	08/25/14-12/12/14	 LHS 140	Eberle D	14 of 14
	--W----	04:00-06:50 PM	08/27/14-12/12/14	 LHS 140		
Kansas Senate Bill SB 155						

## ELTE 125 - Residential Wiring Methods

This is an introductory course on residential wiring methods that includes practical application and hands-on experience in implementing the code requirements. Upon successful completion of this course, the student should acquire the necessary skills to wire a residence to meet the minimum requirements as set forth in the current National Electrical Code for residential occupancies. The student will be required to provide ANSI Z87 safety glasses and may be expected to provide other basic hand tools and/or equipment. 3 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 4

Associated Costs: \$125 to 300

Prerequisite or corequisite: HVAC 123 or ELTE 123

CRN	Days	Time	Date	Location	Instructor	Seats Open
82142 001 F2F	M-----	08:00-10:50 AM	08/18/14-12/12/14	ATB 168B	Randazzo C	16 of 16
	--W----	08:00-10:50 AM	08/20/14-12/12/14	ATB 164A		
Kansas Senate Bill SB 155						

## ELTE 200 - Commercial Wiring Methods

This course covers commercial wiring methods. Upon successful completion of this course, the student should be able to read commercial blueprints and apply the current National Electrical Code to commercial wiring systems. The student will gain working knowledge and hands-on experience with commercial wiring techniques. The student will be required to provide ANSI Z87 safety glasses and may be expected to provide other basic hand tools and/or equipment. 3 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 4

Associated Costs: \$125 to 300

Prerequisite or corequisite: HVAC 123 or ELTE 123

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/elte/#ELTE\\_200](http://catalog.jccc.edu/fall/coursedescriptions/elte/#ELTE_200))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82146 001 F2F	M-----	12:00-02:50 PM	08/18/14-12/12/14	ATB 168B	Randazzo C	16 of 16
	--W----	12:00-02:50 PM	08/20/14-12/12/14	ATB 164A		

Kansas Senate Bill SB 155

## ELTE 202 - Electrical Estimating

Upon successful completion of this course, the student should be able to manually and electronically (using industry standard computer software) develop an electrical estimate for a residential and commercial design. Emphasis will be placed on compiling a take-off list of materials from blueprints, completing a bill of material and completing the final bid process. This includes a bid accuracy analysis to determine the job's selling price. The student will be able to determine material cost, labor cost, the proper application of direct cost, overhead and profit. Also, to conclude the estimate, the student will be able to write bid proposals and change orders. 2 hrs. lecture, 2 hrs lab/wk.

Credit Hours: 3

Prerequisites: ELTE 122 and ELTE 125 or ELTE 200 or department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/elte/#ELTE\\_202](http://catalog.jccc.edu/fall/coursedescriptions/elte/#ELTE_202))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82161 001 F2F	--W----	06:00-07:50 PM	08/20/14-12/12/14	ATB 128	Reaser D	15 of 15
	--W----	08:00-09:50 PM	08/20/14-12/12/14	ATB 155		

Kansas Senate Bill SB 155

## ELTE 205 - Industrial Electrical Wiring

This advanced course covers industrial wiring methods. Upon successful completion of this course, the student should be able to read industrial blueprints and apply the current National Electrical Code to industrial wiring systems. The student will gain working knowledge and hands-on experience with industrial wiring techniques. The student will be required to provide ANSI Z87 safety glasses and may be expected to provide other basic hand tools and/or equipment. 3 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 4

Associated Costs: \$125 to 300

Prerequisite: ELTE 122 or ELTE 125 or ELTE 200

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/elte/#ELTE\\_205](http://catalog.jccc.edu/fall/coursedescriptions/elte/#ELTE_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82166 001 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	ATB 168B	Randazzo C	16 of 16


## Emergency Medical Science/MICT

### EMS 121 - CPR I - Basic Life Support for Healthcare Provider

This course provides an overview of the cardiovascular and respiratory systems, a discussion of medical and environmental emergencies leading to the need for CPR, and an introduction to diagnostic signs and triage, as well as insight into the structure and function of the emergency medical services system. The most current practical CPR skills will be taught, including CPR, AED, and airway obstruction techniques for adults, children and infants. Upon successful completion of all American Heart Association standards, the student will receive affirmation at the Healthcare Provider level. 4 hrs. lecture, lab/wk. for 5 wks. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/ems/#EMS\\_121](http://catalog.jccc.edu/fall/coursedescriptions/ems/#EMS_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82703 001 F2F	-T-----	06:00-10:00 PM	08/19/14-09/16/14	SCI 112	Smith B Heininger J	24 of 24
Kansas Senate Bill SB 155						
82709 002 F2F	-T-----	06:00-10:00 PM	09/30/14-10/28/14	SCI 112	Smith B Heininger J	24 of 24
Kansas Senate Bill SB 155						
82718 003 F2F	M---F--	12:00-01:59 PM	08/18/14-09/19/14	SCI 120	Smith B Heininger J	24 of 24
Kansas Senate Bill SB 155						
82739 004 F2F	---R---	08:30-04:30 PM	10/23/14-11/06/14	 LCS	Schmitz J	20 of 20
Kansas Senate Bill SB 155						

### EMS 128 - EMS First Responder

This course is designed to provide training in emergency medical care for those who are apt to be the first persons responding to an emergency incident. Fire, police, civil defense personnel, school bus drivers, day-care providers, utility workers and industrial workers are a few examples of those persons who would benefit from this training. The student will receive both didactic and psychomotor skills training in CPR, patient assessment, fracture management, airway management and trauma management. Successful completion of this course with a minimum grade of "C" will enable the student to sit for the First Responder certification exam administered by the Kansas Board of Emergency Medical Services. The First Responder course meets the standards for Emergency Medical Responder (EMR) training and testing. 6 hrs. lecture, 6.5 hrs. lab/wk. for 8 wks. (average).


Note: EMS 128 may meet two or more Saturdays, dates and times TBA. The First Responder course meets



the standards for Emergency Medical Responder (EMR) training and testing.

Credit Hours: 5

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/ems/#EMS\\_128](http://catalog.jccc.edu/fall/coursedescriptions/ems/#EMS_128))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82740 001 F2F	--WR---	12:00-03:00 PM	08/20/14-12/12/14	 KCO	Foster C Bardwell L	24 of 24
Kansas Senate Bill SB 155						
82745 002 F2F	MTW----	06:00-09:30 PM	08/18/14-10/08/14	SCI 222	Ratliff W Heriford A	24 of 24
Kansas Senate Bill SB 155						
82747 003 F2F	MTW----	06:00-09:30 PM	10/13/14-12/03/14	SCI 222	Ratliff W Heriford A	24 of 24
Kansas Senate Bill SB 155						

## EMS 131 - Emergency Medical Technician

This program is designed for individuals interested in providing medical care to patients in the pre-hospital setting. It will provide the participants with opportunities to gain information, skills and attitudes necessary for certification and practice as an emergency medical technician (EMT) in the state of Kansas. This program has been approved by the Kansas Board of Emergency Medical Services (BEMS). It addresses information and techniques currently considered the responsibility of the EMT according to the United States Department of Transportation, National Standard Curriculum. The program consists of didactic instruction, practical skill training and clinical experience. Students are also required to attend Saturday session(s) as necessary. Saturday dates and times will be announced during the first class session. Classroom instruction includes anatomy, physiology, recognition and care of medical emergencies and trauma-related injuries. CPR, bandaging, splinting, childbirth techniques and airway management are among the skills taught. An extrication session will give students hands-on experience with automobile accident situations. Upon instructor recommendation, students will participate in clinical and field observation. All transportation to and from off-campus sites is the responsibility of the student. Students completing this course with a minimum grade of "C" will be allowed to sit for the Kansas EMT State Certification examination and receive JCCC certificate of completion. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee. 5.5 hrs. lecture, 7 hrs. instructional lab/wk.

Credit Hours: 10

Prerequisite: Successful completion of an Emergency Medical Responder or First Responder course with a 'C' or higher OR an Associate Degree or greater OR Program Director review of previous experience

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/ems/#EMS\\_131](http://catalog.jccc.edu/fall/coursedescriptions/ems/#EMS_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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82753 001 F2F	-T-R---	01:30-05:30 PM	08/19/14-12/12/14	SCI 101L	Biggs S	36 of 36
	-T-R---	01:30-05:30 PM	08/19/14-12/12/14	SCI 101M		
	-T-R---	01:30-05:30 PM	08/19/14-12/12/14	SCI 101N		
	-----	-	08/19/14-12/12/14	Online		

Kansas Senate Bill SB 155  
Mandatory Classroom Meetings

82755 002 F2F	MT-R---	06:00-10:00 PM	08/18/14-12/12/14	SCI 101L	Craig S	36 of 36
	MT-R---	06:00-10:00 PM	08/18/14-12/12/14	SCI 101M		
	MT-R---	06:00-10:00 PM	08/18/14-12/12/14	SCI 101N		

Kansas Senate Bill SB 155

## EMS 140 - Basic Cardiology and EKG Recognition

The health care worker with an understanding of ECG tracing will function more effectively when providing care for the cardiac patient. Increasing numbers of professionals are being called upon to utilize ECG tracing in their work settings, but without adequate knowledge of its use. This course will serve as both continuing education and the preparation for the job entry and/or job advancement. During the course, students will learn to apply monitoring and 12-lead electrodes, diagnose ECG dysrhythmias and infarct locations, treat ECG dysrhythmias, and defibrillate ventricular fibrillation. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: Prospective students should be certified in a health profession, i.e., EMT, RN, LPN, EMT-P.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/ems/#EMS\\_140](http://catalog.jccc.edu/fall/coursedescriptions/ems/#EMS_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82748 001 F2F	--W----	06:00-09:00 PM	08/20/14-12/12/14	SCI 112	Wright R	20 of 20

Kansas Senate Bill SB 155

## EMS 271 - MICT IV Field Internship

MICT IV is the final of four courses in advanced out-of-hospital emergency medical care leading to the opportunity to sit for the National Registry Examination for Paramedics. During MICT IV, paramedic students have the opportunity to take the knowledge and skills gained in MICT I, II and III and apply them in an actual practice environment. MICT IV represents an intense 4-month course in which knowledge, skills and professional behaviors are synthesized and applied to victims of sudden trauma or medical emergencies under supervision of paramedic preceptors at the emergency scene and in the ambulance. Entry-level competence into the profession is demonstrated as the student demonstrates the ability to assess the scene and the patient, develop a plan for therapeutic intervention as well as scene management, and effectively lead the out-of-hospital resuscitation team's effort. Classroom and laboratory review are included. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee. 810 hrs. integrated lecture/ lab and field/clinical experience

Credit Hours: 15

Prerequisite: EMS 230 with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/ems/#EMS\\_271](http://catalog.jccc.edu/fall/coursedescriptions/ems/#EMS_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82756 500 INT	MTWRF--	08:30-04:30 PM	09/02/14-12/15/14	SCI 101L	Wnek S Grubbs K Parker R	26 of 26
	MTWRF--	08:30-04:30 PM	09/02/14-12/15/14	SCI 101M		
	MTWRF--	08:30-04:30 PM	09/02/14-12/15/14	SCI 101N		

Kansas Senate Bill SB 155

Requirement: selective admission approval

## English

### ENGL 102 - Writing Strategies

English 102 is designed to give students a solid foundation in grammar and punctuation, helping students overcome obstacles in mechanics that have in the past interfered with their ability to communicate clearly. This sentence-level work soon leads to short paragraphs that offer students the opportunity to practice and refine their writing process. Students in English 102 will learn to view their writing within a rhetorical context of author, message, and audience. Clear, well-organized, well-developed, and mechanically sound foundational writing is the ultimate objective of Writing Strategies. This course is a prerequisite in a sequence of courses leading to ENGL 121. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: Appropriate placement test score

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_102](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_102))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80334 001 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	LIB 359	Harris S	15 of 15
80335 002 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	LIB 359	Harris S	15 of 15
80336 003 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	LIB 359	Harris S	15 of 15
80337 004 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	ATB 133	Funk M	15 of 15
80338 005 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	ATB 132	Funk M	15 of 15
80339 006 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	CC 314	TBA	15 of 15
80340 007 F2F	-T-R---	06:00-07:15 PM	08/19/14-12/12/14	CC 314	TBA	15 of 15

### ENGL 103 - Practical Writing Skills

At the completion of this course, the student should be able to recognize and write complete sentences. The student will write a variety of sentences using strategies for building sentences with phrases and clauses as well as editing sentences through coordination and subordination. The student will then practice developing paragraphs in various organizational modes. Along with writing the student will read selected prose and write responses to these readings. The course is designed specifically to aid non-native speaking students in acquiring writing skills through individualized instruction. The aim of this course is to enhance/supplement the English as a Second Language program already offered at JCCC. Also, because hearing-impaired students have similar difficulties with the English language as ESL students, this course addresses the challenges often faced by this student population. This course meets by arrangement in the Writing Center. After registering for this course, the student should contact the Writing Center. 1 hr lecture/wk. This course does not fulfill degree requirements and is not federal aid eligible.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_103](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_103))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80341 960 IND	-----	-	08/18/14-12/12/14		Byrne K	50 of 50

Writing Center Course

Note: If enrolling on 8/18/14 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is September 5, if enrolling in three Writing Center modules, October 3, if enrolling in two and October 31, 2014, if enrolling in one. Contact the Writing Center for more information or to schedule your class.

## ENGL 106 - Introduction to Writing

Beginning with a review of basic sentence skills, this course focuses on paragraph development, including subject selection, topic sentences, methods of development, transitional devices and effective introductions and conclusions. The last part of the course will focus on developing multi-paragraph essays. 3 hrs. lecture/wk. This course does not fulfill degree requirements. Students must take the JCCC writing assessment test. For more information, see a JCCC counselor. This course is in a sequence of courses leading to ENGL 121.

Credit Hours: 3

Prerequisite: ENGL 102 or appropriate score on assessment test

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_106](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_106))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80351 001 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	ATB 134	Wandell N	25 of 25
80352 002 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	ATB 133	Davis D	25 of 25
80354 004 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	ATB 133	Davis D	25 of 25
80355 005 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	ATB 132	Brannan R	25 of 25
80356 006 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	ATB 132	Brannan R	25 of 25
80357 007 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	CC 316	Gulley B	24 of 24
80358 008 F2F	M-W-F--	02:00-02:50 PM	08/19/14-12/12/14	CC 316	Gulley B	24 of 24

80359	009 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	CC 316	Rollins T	24 of 24
80360	010 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CC 316	Rollins T	24 of 24
80361	011 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CC 329	Brannan R	24 of 24
80362	012 F2F	-T-R---	02:30-04:00 PM	09/02/14-12/12/14	 LCS	Devictor C	22 of 22
80363	013 F2F	-T-R---	03:30-04:45 PM	08/19/14-12/12/14	CC 314	Brannan R	25 of 25
80364	014 F2F	M-----	06:00-09:00 PM	09/08/14-12/12/14	 LCS	Devictor C	22 of 22
80365	015 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	CC 215	Anderson K	24 of 24
80366	016 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	CC 215	Anderson K	24 of 24
80368	017 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	CC 217	Sharif A	24 of 24
83026	018 F2F	M-W----	07:00-09:50 PM	08/18/14-10/08/14	ATB 134	TBA	25 of 25
80370	350 ONLNE	-----	-	08/18/14-12/12/14	Online	Davis D	25 of 25
80371	351 ONLNE	-----	-	08/18/14-12/12/14	Online	Jones N	25 of 25
82017	426 SEL	-----	-	08/18/14-12/11/15	Self Paced	Fitzpatrick M	15 of 15

Note: Enrollment for ENGL 106-426 starts July 1 and ends October 31, 2014 or until full. For more information or permission to enroll in this self-paced class, please contact Prof. Fitzpatrick at 913 469-8500, ext. 3739 or e-mail her at [mfitzpat@jccc.edu](mailto:mfitzpat@jccc.edu). For additional information about this section, go to <https://blogs.jccc.edu/mfitzpat/self-paced-english-106/>. (<https://blogs.jccc.edu/mfitzpat/self-paced-english-106/>.) Students enrolling in the self-paced 106 will be required to meet in-person with the instructor four times.

Requirement: Department approval

## ENGL 107 - Sentence Pattern Skills

At the completion of this course, the student should be able to identify the parts of speech, elements of a sentence and basic sentence patterns. Emphasis is on sentence combining and sentence composing. Students are told that grammar in isolation will not improve writing skills, and they are encouraged to practice writing. This course meets by arrangement in the Writing Center. After registering for this course, the student should contact the Writing Center. 1 hr. lecture/wk. This course does not fulfill degree requirements and is not federal aid eligible.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_107](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_107))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80342	960 IND	-----	-	08/18/14-12/12/14	Byrne K	50 of 50

Writing Center Course

Note: If enrolling on 8/18/14 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is September 5, if enrolling in three Writing Center modules, October 3, if enrolling in two and October 31, 2014, if enrolling in one. Contact the Writing Center for more information or to schedule your class.

## ENGL 108 - Composing Skills

After completing Composing Skills, students will be able to choose a topic, narrow the topic, and organize and develop with supporting evidence a variety of paragraph modes. The student will be able to achieve paragraph unity, coherence and emphasis. Also, the student will learn revision and editing strategies. Course meets by arrangement in the Writing Center. After registering for this course, the student should contact the Writing Center. 1 hr. lecture/wk. This course does not fulfill degree requirements and is not federal aid eligible.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_108](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_108))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80343 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Devictor C Byrne K	25 of 25

Writing Center Course

Note: If enrolling on 8/18/14 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is September 5, if enrolling in three Writing Center modules, October 3, if enrolling in two and October 31, 2014, if enrolling in one. Contact the Writing Center for more information or to schedule your class.

80344 960 IND	-----	-	08/18/14-12/12/14		Byrne K	50 of 50
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Writing Center Course

Note: If enrolling on 8/18/14 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is September 5, if enrolling in three Writing Center modules, October 3, if enrolling in two and October 31, 2014, if enrolling in one. Contact the Writing Center for more information or to schedule your class.

## ENGL 109 - Proofreading Skills

This 1-credit module is designed to provide students with strategies and rules that will help them recognize and repair common grammar, usage and mechanical errors in their writing. This course focuses on the major and minor errors as set forth in the English program objectives (available in the Writing Center). Students will learn to recognize and correct these errors, not only on exercise sheets, but also in their own writing. This class meets by arrangement in the Writing Center. After registering for this course, the student should contact the Writing Center. 1 hr. lecture/wk. This course does not fulfill degree requirements and is not federal aid eligible.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_109](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_109))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80345 960 IND	-----	-	08/18/14-12/12/14		Byrne K	50 of 50

Kansas Senate Bill SB 155

Writing Center Course

Note: If enrolling on 8/18/14 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is September 5, if enrolling in three Writing Center modules, October 3, if enrolling in two and October 31, 2014, if enrolling in one. Contact the Writing Center for more information or to schedule your class.

## ENGL 110 - English Grammar Review

English Grammar Review helps students to review the parts of speech, elements of a sentence, basic sentence patterns, major sentence level errors, agreement errors and punctuation. Students are encouraged to practice writing. Course meets by arrangement in the Writing Center. After registering for this course, the student should contact the Writing Center. 1 hr. lecture/wk. This course does not fulfill degree requirements and is not federal aid eligible.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_110](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_110))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80346 960 IND	-----	-	08/18/14-12/12/14		Byrne K	50 of 50

Writing Center Course

Note: If enrolling on 8/18/14 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is September 5, if enrolling in three Writing Center modules, October 3, if enrolling in two and October 31, 2014, if enrolling in one. Contact the Writing Center for more information or to schedule your class.

## ENGL 112 - Research Skills

Research Skills is a review of the various aspects of the research process, beginning with limiting the subject and moving to revising the finished product. Emphasis is on the gathering of resource materials, synthesizing the information and developing an essay in which the resource information is used to support a thesis and is documented in an approved academic form. This course meets by arrangement in the Writing Center. After registering for this course, the student should contact the Writing Center. 1 hr. lecture/wk. This course does not fulfill degree requirements and is not federal aid eligible.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_112](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_112))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80347 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Devictor C Byrne K	25 of 25

Writing Center Course

Note: If enrolling on 8/18/14 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is September 5, if enrolling in three Writing Center modules, October 3, if enrolling in two and October 31, 2014, if enrolling in one. Contact the Writing Center for more information or to schedule your class.

80348 960 IND	-----	-	08/18/14-12/12/14		Byrne K	50 of 50
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Writing Center Course

Note: If enrolling on 8/18/14 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is September 5, if enrolling in three Writing Center modules, October 3, if enrolling in two and October 31, 2014, if enrolling in one. Contact the Writing Center for more information or to schedule your class.

## ENGL 115 - Revision Skills

Revision Skills is designed to instruct the practicing writer in skills needed to revise all writing, including business, college and personal writing. Students will use computer programs and self-paced materials. Revision Skills is intended to complement courses in which writing is assigned. Students will be encouraged to bring in business communication or college assignments to apply the learned skills. Course meets by arrangement in the Writing Center. After registering for this course, the student should contact the Writing Center. 1 hr. lecture/wk. This course does not fulfill degree requirements and is not federal aid eligible.

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Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_115](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_115))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80349 960 IND	-----	-	08/18/14-12/12/14		Byrne K	50 of 50

Writing Center Course

Note: If enrolling on 8/18/14 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is September 5, if enrolling in three Writing Center modules, October 3, if enrolling in two and October 31, 2014, if enrolling in one. Contact the Writing Center for more information or to schedule your class.

## ENGL 120 - Writing in the Disciplines

This course is designed to complement and/or support classes in which writing is intrinsic to the curriculum and provide students with a process that can be applied to the variety of written assignments typically assigned in classes other than composition. Students will practice writing a variety of short papers using a prescribed process for each assignment. The course is individualized. Students enrolled in this class must come to the Writing Center, LIB 308, to make arrangements for their class schedule, to pick up a syllabus and other materials, and to be assigned an instructor. The course is a combination of written material and software. All completed work will be kept in a folder in the Writing Center. 1 hr. lecture/wk. Students should anticipate approximately 20 hours of work to complete the course. This course does not fulfill degree requirements and is not federal aid eligible.

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Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_120](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80350 960 IND	-----	-	08/18/14-12/12/14		Byrne K	50 of 50

Writing Center Course

Note: If enrolling on 8/18/14 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is September 5, if enrolling in three Writing Center modules, October 3, if enrolling in two and October 31, 2014, if enrolling in one. Contact the Writing Center for more information or to schedule your class.

## ENGL 121 - Composition I



Composition I focuses on writing nonfiction prose suitable in its expression and content to both its occasion and its audience. Students will have an opportunity to improve in all phases of the writing process: discovering ideas, gathering information, planning and organizing, drafting, revising and editing. Each essay written in the course should clearly communicate a central idea or thesis, contain sufficient detail to be lively and convincing, reflect the voice of the writer and use carefully edited standard written English. 3 hrs. lecture/wk. Students must take the JCCC writing assessment test or submit an ACT score of 19 or higher before enrolling. For more information, see a JCCC counselor. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 3

Prerequisite: ENGL 106 or appropriate placement test score or both EAP 113 and EAP 117.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_121](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80080 001 F2F	M-W-F--	07:00-07:50 AM	08/18/14-12/12/14	CC 329	Bostian P	24 of 24
80081 002 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	LIB 357	Bennett S	24 of 24
80082 003 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	CC 329	Bostian P	24 of 24
80083 004 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	CC 217	Pace A	24 of 24
80085 006 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	ATB 133	TBA	25 of 25
80092 007 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	ATB 133	TBA	25 of 25
80087 008 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	GEB 242	Karle K	24 of 24
80088 009 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CC 215	Bennett S	24 of 24
80089 010 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CC 329	Gulley B	24 of 24
80090 011 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CC 217	Pace A	24 of 24
80091 012 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	ATB 132	Alexander D	25 of 25
80093 014 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CC 215	McWard J	24 of 24

#### Special Focus

Note: Students in this Technology Focus class will write essays that allow them to focus on topics important to their degree in Journalism or Emerging Technology and Communications. Selected readings will focus on the role of technology in our lives. Course objectives and competencies will be the same as for other Composition I classes. For further information, contact Prof. McWard, [jmcward@jccc.edu](mailto:jmcward@jccc.edu).

80094 015 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	GEB 242	Karle K	25 of 25
80095 016 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CC 314	Hodgkin J	25 of 25
80096 017 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CC 329	Gulley B	24 of 24
80105 019 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	ATB 132	Alexander D	25 of 25
80099 020 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CC 316	Hodgkin J	20 of 20
80100 021 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CC 217	Pace A	24 of 24
80101 022 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CC 215	Browning M	24 of 24

80102	023 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CC 329	Reynolds T	24 of 24
80103	024 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CC 324	Stock J	24 of 24
80104	025 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CC 124	Edie S	25 of 25
82037	026 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	GEB 238	Bell S	25 of 25

Composition I Honors

Honors Course

Note: For this honors section the prerequisite is either an ACT score of 27 or higher or at least a score of 90 on the JCCC writing assessment test.

Course objectives and competencies will remain the same as for other Composition I classes, although the instructor has selected different textbooks.

For additional information and permission to enroll, please contact Prof. Decker, pdecker5@jccc.edu or 913-469-8500 ext. 2512.

Requirement: Department approval

80106	027 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	CC 217	Dixon G	24 of 24
80107	028 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	ATB 133	Boyer J	25 of 25
80108	029 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	CC 316	Hodgkin J	24 of 24
80109	030 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	LIB 359	Frazier C	20 of 20
80110	031 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	CC 329	Reynolds T	24 of 24
80111	032 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	CC 314	Chapman C	25 of 25
80112	033 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	LIB 359	Frazier C	20 of 20
80113	034 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	ATB 133	Boyer J	25 of 25
80114	035 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	GEB 238	Bell S	25 of 25

Composition I Honors

Honors Course

Note: For this honors section the prerequisite is either an ACT score of 27 or higher or at least a score of 90 on the JCCC writing assessment test.

Course objectives and competencies will remain the same as for other Composition I classes, although the instructor has selected different textbooks.

For additional information and permission to enroll, please contact Prof. Decker, pdecker5@jccc.edu or 913-469-8500 ext. 2512.

Requirement: Department approval

80115	036 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	CC 324	Edie S	24 of 24
80120	037 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	CC 217	Dixon G	24 of 24
80086	038 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	CC 314	Chapman C	25 of 25
80122	039 F2F	M-W-F--	02:00-02:50 PM	08/18/14-12/12/14	CC 217	Brunner L	24 of 24
80123	040 F2F	M-W-F--	02:00-02:50 PM	08/18/14-12/12/14	CC 215	Stock J	24 of 24
80125	042 F2F	M-W-F--	03:00-03:50 PM	08/18/14-12/12/14	CC 217	Brunner L	24 of 24
80124	043 F2F	M-W-F--	03:00-03:50 PM	08/18/14-12/12/14	CC 215	Stock J	24 of 24
80126	044 F2F	M-W-F--	04:00-04:50 PM	08/18/14-12/12/14	CC 215	Skidmore P	24 of 24
80127	045 F2F	M-W-F--	05:00-05:50 PM	08/18/14-12/12/14	CC 215	Skidmore P	24 of 24
80116	046 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	ATB 133	Karle K	25 of 25
80128	047 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	CC 217	Paldino L	24 of 24
80130	049 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	ATB 132	Miles L	25 of 25

80131	050 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CC 324	Harris S	24 of 24
80132	051 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	GEB 242	Broomfield A	50 of 50

Co-requisite to enroll in HIST 141 (CRN 81504)

Note: Students enrolling in ENGL 121-051 must also enroll in HIST 141-017 (CRN 81504). This is a team-taught Learning Communities course for which students will earn a total of 6 credit hours. The credits will transfer as though they were being taught in the traditional format. For more information, contact Andrea Broomfield, e-mail [abroomfi@jccc.edu](mailto:abroomfi@jccc.edu).

80133	052 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	ATB 133	Karle K	25 of 25
80134	053 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CC 314	Davis D	25 of 25
80135	054 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CC 215	Ganguly Puckett S	24 of 24
80136	055 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	ATB 132	Davis D	25 of 25
80137	056 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CC 314	Davis D	25 of 25
80139	058 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	ATB 134	TBA	25 of 25
80138	059 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CC 215	Paldino L	24 of 24
80141	060 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	CC 217	Ganguly Puckett S	24 of 24
80142	061 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	ATB 134	Small J	25 of 25
80143	062 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	GEB 242	Senter M	25 of 25
80140	063 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	CC 316	Schmeer M	24 of 24
80145	064 F2F	-T-R---	03:30-04:45 PM	08/19/14-12/12/14	ATB 134	Small J	25 of 25
80146	065 F2F	M-----	12:00-02:50 PM	08/18/14-12/12/14	LIB 353B	Broomfield A	24 of 24

#### Special Focus

Note: Students in this Food Focus class will write essays and learn introductory research skills that allow them to focus on topics important to their degree in Hospitality Mgt and Culinary Education. Selected course readings will involve food-related topics. Course objectives and competencies will be the same as for other Comp I classes. For further information, contact Prof. Broomfield, [abroomfi@jccc.edu](mailto:abroomfi@jccc.edu).


80147	066 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	ATB 133	Schaff P	25 of 25
80148	067 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	CC 215	Storkel S	24 of 24
80149	068 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	CC 217	Biondo A	24 of 24
80150	069 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	LIB 357	Jones N	24 of 24

#### Veteran's Focus

Note: This section is reserved for members of the US Military, veterans or their dependents. For permission to enroll, please call the Veteran Services Office at 913-469-8500 ext. 4981.

Requirement: Department approval

80151	070 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	GEB 242	Schaff P	25 of 25
82102	071 F2F	-T-----	06:00-09:00 PM	09/02/14-12/12/14	 DSH 409	Devictor C	25 of 25
80152	072 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	LIB 357	Biondo A	24 of 24
80117	073 F2F	--W----	06:00-09:00 PM	09/03/14-12/12/14	 WPK	Longfellow B	25 of 25
80153	074 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	LIB 357	Longfellow B	24 of 24
80154	076 F2F	-----S-	08:00-10:40 AM	08/23/14-12/12/14	CC 217	Varzaly M	24 of 24

80155	077 F2F	-----S-	12:00-02:40 PM	08/23/14-12/12/14	CC 217	Varzaly M	24 of 24
80156	078 F2F	---R---	06:00-08:50 PM	09/04/14-12/12/14	 OHEC 141	TBA	22 of 22
83016	079 F2F	M-W----	07:00-09:50 PM	08/18/14-10/08/14	CC 316	TBA	24 of 24
80118	350 ONLNE	-----	-	08/18/14-12/12/14	Online	Browning M	25 of 25
80119	351 ONLNE	-----	-	08/18/14-12/12/14	Online	Browning M	25 of 25
80157	352 ONLNE	-----	-	08/18/14-12/12/14	Online	McWard J	25 of 25
80158	353 ONLNE	-----	-	08/18/14-12/12/14	Online	Davis D	25 of 25
80159	354 ONLNE	-----	-	08/18/14-12/12/14	Online	Davis D	25 of 25
80160	355 ONLNE	-----	-	08/18/14-12/12/14	Online	Reynolds T	25 of 25
80161	356 ONLNE	-----	-	08/18/14-12/12/14	Online	Werkmeister S	25 of 25
80162	357 ONLNE	-----	-	08/18/14-12/12/14	Online	Werkmeister S	25 of 25
80163	358 ONLNE	-----	-	08/18/14-12/12/14	Online	Lycan B	25 of 25
80164	359 ONLNE	-----	-	08/18/14-12/12/14	Online	Lycan B	25 of 25
80165	360 ONLNE	-----	-	08/18/14-12/12/14	Online	Nelson J	25 of 25
80166	361 ONLNE	-----	-	08/18/14-12/12/14	Online	Nelson J	25 of 25
80167	362 ONLNE	-----	-	08/18/14-12/12/14	Online	Kern S	25 of 25
80168	363 ONLNE	-----	-	08/18/14-12/12/14	Online	Kern S	25 of 25
80169	364 ONLNE	-----	-	08/18/14-12/12/14	Online	Petrillo S	25 of 25
80170	426 SEL	-----	-	08/18/14-12/11/15	Self Paced	Ganguly Puckett S	25 of 25

Note: Enrollment for ENGL 121-426 starts on July 1 and ends on October 31, 2014 or until full. For more information and permission to enroll in this self-paced class, please Prof. Ganguly-Puckett at 913 469-8500, ext. 4576 or e-mail her at [sganguly@jccc.edu](mailto:sganguly@jccc.edu).

Requirement: Department approval

## ENGL 121H - HON: Composition I

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_121H](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_121H))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
81508	01HF2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## ENGL 122 - Composition II

Because so much writing is required in college and in the workplace demands the ability to synthesize information gathered from various sources, Composition II will focus on skills essential to gathering, comprehending, analyzing, evaluating and synthesizing information. Composition II also emphasizes organizing and polishing steps important in composing expository, evaluative and persuasive prose. 3 hrs. lecture/wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 3

Prerequisite: ENGL 121

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_122](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80175 001 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	CC 215	TBA	24 of 24
80177 002 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	CC 324	Cantwell D	24 of 24
80179 003 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	LIB 357	Broomfield A	24 of 24
80181 004 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CC 316	Fitzpatrick M	24 of 24
80183 005 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	LIB 357	Rollins T	24 of 24
80185 006 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CC 217	Schmeer M	24 of 24
80187 007 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CC 316	Fitzpatrick M	24 of 24
80189 008 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	LIB 357	Williams C	24 of 24
80191 009 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	GEB 238	Schmeer M	25 of 25

### Composition II Honors

#### Honors Course

Note: For this special honors section the prerequisites are (1) a minimum of a B in Composition I and (2) either an ACT score of 27 or higher or a score of 90 or higher on the JCCC writing assessment test. Course objectives and competencies remain the same as for other Composition II classes, although the instructor has selected different textbooks. For additional information and permission to enroll, please contact Prof. Pat Decker, [pdecker5@jccc.edu](mailto:pdecker5@jccc.edu), or 913-469-8500 ext. 2512.


Requirement: Department approval

80231 010 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	LIB 357	Rollins T	24 of 24
80233 011 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	CC 215	Schmeer M	24 of 24
80237 012 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	LIB 357	Williams C	24 of 24
80242 013 F2F	M-W-F--	02:00-02:50 PM	08/18/14-12/12/14	LIB 357	Davis M	24 of 24
80243 014 F2F	M-W-F--	02:00-02:50 PM	08/18/14-12/12/14	LIB 359	TBA	20 of 20
80244 015 F2F	M-W-F--	02:00-02:50 PM	08/18/14-12/12/14	ATB 132	Carpenter W	25 of 25
80246 016 F2F	M-W-F--	03:00-03:50 PM	08/18/14-12/12/14	LIB 357	Davis M	24 of 24
80248 017 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	LIB 359	Haas K	20 of 20
80250 018 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	CC 215	Jones N	24 of 24

80252	019 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CC 329	Luthi G	24 of 24
80254	020 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CC 314	Alexander D	25 of 25
80260	021 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CC 215	Jones N	24 of 24
80261	022 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	LIB 359	Werkmeister S	20 of 20
80262	023 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CC 329	Luthi G	24 of 24
80263	024 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	LIB 359	Williams C	20 of 20
80264	025 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CC 316	Jenab F	18 of 18
80265	026 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	ATB 133	Alexander D	25 of 25
80266	027 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	LIB 359	Werkmeister S	20 of 20
80267	028 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	LIB 357	Jones N	24 of 24
80268	029 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CC 217	Dixon G	24 of 24
82055	030 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CC 316	Jenab F	18 of 18
80270	031 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	CC 324	Bell S	24 of 24
80269	032 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	CC 215	Dixon G	24 of 24
80271	033 F2F	-T-R---	03:30-04:45 PM	08/19/14-12/12/14	CC 324	Bell S	24 of 24
80272	034 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	LIB 359	Jones N	20 of 20

Veteran's Focus

Note: This section is reserved for members of the US Military, veterans or their dependents. For permission to enroll, please call the Veteran Services Office at 913-469-8500 ext. 4981.

80273	035 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	ATB 134	Luthi G	25 of 25
80274	036 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	CC 314	Koenigsdorf F	25 of 25
80275	037 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	ATB 132	Trouslot P	22 of 22
82104	038 F2F	M-----	06:00-09:00 PM	09/03/14-12/12/14	 OHEC 141	Funari A	22 of 22
80276	039 F2F	-----S-	09:00-11:50 AM	08/23/14-12/12/14	CC 215	Jackson M	24 of 24
80277	350 ONLNE	-----	-	08/18/14-12/12/14	Online	Hogan Adams M	25 of 25
80278	351 ONLNE	-----	-	08/18/14-12/12/14	Online	Hogan Adams M	25 of 25
80279	352 ONLNE	-----	-	08/18/14-12/12/14	Online	Lane J	25 of 25
80280	353 ONLNE	-----	-	08/18/14-12/12/14	Online	Lane J	25 of 25
80281	354 ONLNE	-----	-	08/18/14-12/12/14	Online	Cooper J	25 of 25
80282	355 ONLNE	-----	-	08/18/14-12/12/14	Online	Cooper J	25 of 25
80283	356 ONLNE	-----	-	08/18/14-12/12/14	Online	Knight E	25 of 25
80284	357 ONLNE	-----	-	08/18/14-12/12/14	Online	Knight E	25 of 25
80285	358 ONLNE	-----	-	08/18/14-12/12/14	Online	Heflin R	25 of 25
80286	359 ONLNE	-----	-	08/18/14-12/12/14	Online	Heflin R	25 of 25

80287 360 ONLINE ----- - 08/18/14-12/12/14 Online Funari A 25 of 25

80289 426 SEL ----- - 08/18/14-12/11/15 Self Paced Fitzpatrick M 25 of 25

Note: Enrollment for ENGL 122-426 starts July 1 and ends October 31, 2014 or until full. For more information or permission to enroll in this self-paced class, please contact Prof. Fitzpatrick at 913 469-8500, ext. 3739 or e-mail her at [mfitzpat@jccc.edu](mailto:mfitzpat@jccc.edu).

Requirement: Department approval

## ENGL 122H - HON: Composition II

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_122H](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_122H))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81509 02H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## ENGL 123 - Technical Writing I

This course provides a basic knowledge of technical writing. Students will learn the writing process (prewriting, writing and rewriting) to follow when constructing correspondence, including memos, letters, e-mail, reports, instructional manuals and Web pages. Students also will learn seven key traits of effective technical writing: clarity, conciseness, document design, organization, audience recognition, audience involvement and accuracy. Accuracy specifically entails the need for students to adhere to rules of grammar and mechanics. Students will learn how to create computer-generated graphics and learn word processing skills. Finally, the students will learn how to work in teams, modeling Total Quality Management skills. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 121

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_123](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80290 001 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CC 217	Gerson S	24 of 24
80291 002 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CC 217	Gerson S	24 of 24
80292 003 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	CC 217	Gerson S	24 of 24
80293 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Gerson S	20 of 20

## ENGL 130 - Introduction to Literature

Students will read, discuss and analyze works from three literary genres: the short story, the poem and the play. Students will learn and apply the technical vocabulary used in the criticism of these literary forms. Students will be introduced to representative works from various literary traditions and cultures, including numerous works from contemporary writers. 3 hrs. lecture/wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 3

Prerequisite: ENGL 121

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_130](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80295 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	ATB 132	Williams C	30 of 30
Special Focus						
Note: This class focuses on African American Perspectives. Beginning with Lucy Terry, the first published Black female in this country to contemporary writers, we will study the works written by African American women. Through those writings we will learn about the roles of Black women in creating culture. For more information, contact Prof. Williams, <a href="mailto:cwilliam@jccc.edu">cwilliam@jccc.edu</a> .						
80296 002 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	ATB 133	Reynolds T	30 of 30
80297 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Gulley B	25 of 25
80298 351 ONLINE	-----	-	08/18/14-12/12/14	Online	Ganguly Puckett S	25 of 25
80299 426 SEL	-----	-	08/18/14-12/11/15	Self Paced	Ganguly Puckett S	15 of 15

Note: Enrollment for ENGL 130-426 starts on July 1 and ends on October 31, 2014 or until full. For more information and permission to enroll in this self-paced class, please Prof. Ganguly-Puckett at 913 469-8500, ext. 4576 or e-mail her at [sganguly@jccc.edu](mailto:sganguly@jccc.edu).

Requirement: Department approval

## ENGL 140 - Writing for Interactive Media

This course teaches students to apply the writing process as well as fundamental rhetorical and composition skills to various interactive media including web pages, CD-ROMs/DVD, e-mail, kiosks, support materials, simulations, social networking and other electronic media. The instruction will focus on skills essential to selecting, evaluating and synthesizing information from primary and secondary sources; in addition, it will emphasize the different approaches to organization that these media require as well as the variety of discourse styles used in informative, instructional, persuasive and entertainment media texts. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10 to 20

Prerequisite: ENGL 121



Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_140](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80300 001 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	LIB 359	Hogan Adams M	18 of 18
80301 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Hogan Adams M	18 of 18

## ENGL 150 - Digital Narratives

Games, particularly Role-Playing Games (RPGs) and other participatory narratives, share many properties with traditional narratives, yet differ significantly from their linear counterparts. This course focuses on the elements of narrative as well as the principles that drive virtual or alternative possible worlds (both fictive and reality-based), and it will provide students with practice writing and designing artifacts that demonstrate an understanding of plot, character, setting and the impact of structure and purpose in game development. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$20 to 30

Prerequisite: ENGL 121

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_150](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80305 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Fitzpatrick M	20 of 20

## ENGL 217 - Literature by Women

This survey course introduces students to a representative sample of texts created by women from the mid-seventeenth century to present. Using the lens of gender, students will explore the social, historical, political, and cultural contexts relevant to the literature. Further, students will identify significant literary devices and genres as employed by these authors. The course will emphasize the dynamic relationship between the literature and its contexts. 3 hr. lecture/wk.

Credit Hours: 3

Prerequisite or corequisite: ENGL 122

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_217](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_217))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80311 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Hogan Adams M	25 of 25
82039 351 ONLINE	-----	-	08/18/14-12/12/14	Online	Hogan Adams M	25 of 25

## ENGL 222 - Advanced Composition

This course offers challenging insights into the act of writing. We will move beyond Composition I and Composition II, focusing on writing persuasively to a select audience; working together to anticipate and defuse objections; supply convincing evidence; synthesize the ideas of others to support our ends; look critically at all sources; and perfect a mature, polished style that is suitable to audience and occasion. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 122

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_222](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_222))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80312 001 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	CC 329	Brannan R	24 of 24

## ENGL 223 - Creative Writing

Students will study and practice writing in two or three of the major literary modes of writing: poetry, fiction, and possibly drama. The reading assignments are based on the premise that, to be a good writer, students must have knowledge of literary techniques and be perceptive readers and critics. Students will examine techniques of two or possibly three of the literary genres and then apply their knowledge to write in each genre. In addition, they will read other students' work and provide useful feedback on that work. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10 to 20

Prerequisite: ENGL 122

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_223](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_223))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80313 001 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	ATB 134	Luthi G	25 of 25
80314 002 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CC 229	Schmeer M	24 of 24
80315 003 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	ATB 131	Luthi G	25 of 25

## ENGL 227 - Introduction to Poetry

This course emphasizes close reading and analysis of poetry by writers from different time periods, countries, and ethnic backgrounds. Students will study terms, patterns, and forms that are useful for an understanding and appreciation of poetic verse. The course will cover major literary, historical, and cultural movements as they relate to poetry. Students will be introduced to major classical and contemporary American and English poets, along with contemporary foreign-language poetry in translation. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 122

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_227\)](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_227)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80316 001 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	CC 229	McWard J	24 of 24

## ENGL 230 - Introduction to Fiction

This course features significant opportunities to write about the literature and the reader's response to it. Students will learn the historical fictional precedents of the short story; the similarities and differences between the short story and other narrative forms, such as the novel; the differences between the short story and its historical precedents, between short stories and film adaptations of them, and between commercial and literary short stories. Students will discover the place of short stories in major literary movements, the key elements of short stories and interpretive approaches to short stories. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 122

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_230\)](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80317 001 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	GEB 242	Browning M	30 of 30
80318 002 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	ATB 134	Harris S	30 of 30
80319 003 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	ATB 132	Alexander D	30 of 30
80320 350 ONLNE	-----	-	08/18/14-12/12/14	Online	Rollins T	25 of 25
80321 351 ONLNE	-----	-	08/18/14-12/12/14	Online	Davis D	25 of 25

## ENGL 232 - Children's Literature

Children's Literature is meant for all students interested in bringing children and books together but is especially suited for those who are students with English or education majors; teachers already in the elementary school classroom; parents; those working with children in preschools, day-care centers and libraries; and grandparents and prospective parents. The course would also benefit those exploring the field of writing and illustrating for children. Students will identify children's needs and interests, list the criteria for choosing books for children, and demonstrate the means by which we can bring children and books together. Students will read, examine and critique a variety of children's literature selected by author, genre and historical time period. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$20 to 50

Prerequisite: ENGL 122

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_232\)](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_232)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80322 001 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	GEB 242	Senter M	25 of 25
80323 002 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	GEB 242	Senter M	25 of 25
80324 003 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	ATB 133	Steinheider S	25 of 25

## ENGL 235 - Drama as Literature

This course introduces students to the analysis of plays as literature. Beginning with the Greek dramatists and ending with the contemporary scene, students will read full-length plays and the comments of playwrights, directors, actors and critics. They will analyze drama from psychological, historical, philosophical, structural and dramatic perspectives. Students will write essays demonstrating their understanding of the works studied. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 122

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_235](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_235))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80325 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Werkmeister S	25 of 25

## ENGL 236 - British Literature I

In this survey course, the student will study British literature written up to 1800, ranging from the Anglo-Saxon to the Augustan eras, including works by major authors, such as Chaucer, Shakespeare, Milton, and Swift. The course will emphasize the relationships among influential writers, their lives and times. Additionally, the student will explore the literary differences between the British culture and one other culture that was governed by the British Empire. Such non-British literary works may be from Australia, India, Asia, and various regions of Africa, or the Middle East. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 122

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_236](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_236))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80326 001 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	ATB 132	Harris S	30 of 30

## ENGL 243 - Literature of Science Fiction

This course examines the literature of science fiction, especially from 1960 through the present. Students explore the unifying concepts of science and technology, depicted through imaginative narratives of the past, present and future. Students read short stories and/or novels, view science fiction films and discuss key science fiction concepts. 3 hrs.

lecture/wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 3

Prerequisite or corequisite: ENGL 122

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_243](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_243))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80327 001 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	ATB 132	Davis D	30 of 30

## ENGL 244 - Literature of American Popular Music

Students read, analyze, evaluate and discuss the literature surrounding American popular music. No less than any other form of literature, all genres of American popular music are intertwined, engaged in dialogue, and revealing of the American experience. By engaging with, comparing and evaluating the conversations between popular music and fiction, poetry, and criticism, students will explore the social, historical, political, and cultural contexts relevant to the literature. Through this process, students will discover, analyze, synthesize and evaluate the ongoing negotiations between a great diversity of cultural aesthetics, political interests and public opinions in the shaping of American identity. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 122

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_244](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_244))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80171 001 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	ATB 134	Cantwell D	30 of 30

## ENGL 246 - American Literature I

This survey course is a stand-alone course that presents a series of literary works by American writers that reflects the attitudes and identity of our national literature and culture from the pre-Colonial Period through the post-Civil War era. By grappling with the ideas and characterizations presented in each assigned literary work, the student develops meaningful insights into the attitudes and human conditions that have influenced America's national literary identity. 3hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 122

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_246](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_246))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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## ENGL 250 - World Masterpieces

World Masterpieces introduces students to literary study using major literary works composed from the times of Homer to Shakespeare that have been influential in shaping and expressing values of Western culture. Students will read selections representative of the epic, tragic, comic and lyric traditions primarily to gain knowledge of the works assigned. In addition, students will analyze the assigned texts as literary works and as cultural artifacts and influences. Finally, students will compare and contrast contemporary understandings of the individual and society with those expressed in the works studied. In completing the course objectives, students will learn the conventions of writing about literature and become familiar with general reference materials useful in studying literature. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 122

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_250](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80172 001 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	ATB 131	Anderson L	30 of 30

## ENGL 254 - Masterpieces of the Cinema

This course examines the development of cinema from the early experiments in the late 1800s up to the present day, presenting the history and art of both American and international cinema. Students read the textbook, view short and full-length films, and discuss important cinematic techniques and concepts. Students verify their judgments by summarizing and analyzing these important concepts, using discussions, and writing effective, well-organized essays in response to cinematic presentations and explanations. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 122

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_254](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_254))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80173 001 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	ATB 134	McWard J	30 of 30
80174 350 ONLINE	-----	-	08/18/14-12/12/14	Online	McWard J	25 of 25

Note: Students enrolled in the online section of English 254 are responsible for watching full-length feature films each week. All assigned films are available for rental/purchase on DVD or through online streaming services. Many of the films can also be found at local libraries, including the JCCC Billington Library.

## ENGL 292 - Special Topics:

English 292 is a 200-level thematic literature and writing course. In this class, students will have the opportunity to refine their critical reading and writing skills by investigating in depth a single important theme, topic or genre (e.g. environmental literature, the literature of illness, detective fiction, travel literature, the documentary film tradition, creative non-fiction). Students will engage with a wide range of texts, including those from print, film, and other media. The course may also include selections drawn from various national literatures in translation and a range of historical periods. Special Topics in Literature and Composition may be repeated for credit but only on different topics. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 122

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL\\_292](http://catalog.jccc.edu/fall/coursedescriptions/engl/#ENGL_292))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82103 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Restivo P	25 of 25

Special Topics: Vampire Literature

Note: This course will explore the origins and development of the vampire in popular culture, particularly through literature and film. Students will engage in scholarly discourse on the phenomenon of this genre and its relationship to societal issues like love, death, sexuality, disease, religion, gender issues, class, and art. For more information, contact Prof. Restivo, [prestivo@jccc.edu](mailto:prestivo@jccc.edu).

## Engineering

### ENGR 131 - Engineering Graphics I: AutoCAD

Upon successful completion of this course, the student will be able to apply graphic principles used in the engineering design process. The student will master graphics concepts using computer-aided drafting (CAD) software. Topics include 2-D and 3-D CAD commands; geometric construction; multi-view, orthographic projection; sectional views; isometrics; dimensioning; and descriptive geometry. 3 hrs. lecture, 4 hrs. open lab/wk.

Credit Hours: 4

Prerequisite or corequisite: MATH 130 or MATH 171 or MATH 172 or MATH 173 or MATH 241

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engr/#ENGR\\_131](http://catalog.jccc.edu/fall/coursedescriptions/engr/#ENGR_131))

[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81543 001 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	ITC 181	Johnson S	15 of 15
	-----	-	08/19/14-12/12/14	ITC 124		
81830 002 F2F	-T-R---	05:30-06:45 PM	08/19/14-12/12/14	ITC 181	Johnson S	15 of 15
	-----	-	08/19/14-12/12/14	ITC 124		

### ENGR 251 - Statics

Upon successful completion of this course, the student should be able to describe and predict the conditions of rest and motion of bodies under the action of forces. The principles used will include vectors, force systems, equilibrium, free body diagram, centroids, moments of inertia, trusses, frame, and shear and moment diagrams. This course is typically offered in the summer and fall semesters. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: MATH 242 and Prerequisite or Corequisite: PHYS 220

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/engr/#ENGR\\_251](http://catalog.jccc.edu/fall/coursedescriptions/engr/#ENGR_251))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81834 001 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	ITC 181	Johnson S	20 of 20

## Entrepreneurship

### ENTR 120 - Introduction to Entrepreneurship

The student will understand the role of entrepreneurial businesses in the United States and the impact on our national and global economy. The student will evaluate the skills and commitment necessary to successfully operate an entrepreneurial venture. Additionally, the student will review the challenges and rewards of entrepreneurship as a career choice as well as entrance strategies to accomplish such a choice. 2 hrs. lecture/wk.

Credit Hours: 2

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/entr/#ENTR\\_120](http://catalog.jccc.edu/fall/coursedescriptions/entr/#ENTR_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81880 001 F2F	--W----	02:30-05:40 PM	08/20/14-10/08/14	RC 342	Grandgenett C	16 of 16
81884 002 F2F	--W----	06:00-09:10 PM	10/15/14-12/03/14	RC 342	Grandgenett C	16 of 16
82988 003 F2F	----F--	05:00-09:30 PM	10/17/14-10/24/14	RC 342	Magnant J	16 of 16
	-----S-	08:00-05:00 PM	10/18/14-10/25/14	RC 372		

Note: It is recommended that students also enroll in ENTR 130-003, CRN 82982, which is also offered on Friday night and all day Saturday. Enroll in both of these classes and you will earn 5 credit hours in 5 weeks.

81885 350 ONLNE	-----	-	08/18/14-10/06/14	Online	Grandgenett C	18 of 18
81886 351 ONLNE	-----	-	10/13/14-12/01/14	Online	Grandgenett C	18 of 18

### ENTR 130 - Entrepreneurial Mindset

Upon successful completion of this course, the student will be introduced to the entrepreneurial mindset in its true economic and social context by studying the unlimited opportunities that an entrepreneurial mindset can provide. The student will study the skills, attitudes and behaviors that successful entrepreneurs have historically possessed, as well as the issues, circumstances and obstacles that shaped their time. Additionally, the student will analyze modern-day



successful entrepreneurs who faced hardship and adversity by embracing an entrepreneurial mindset. The characteristics of the entrepreneurial mindset will be dissected and applied to the student's own mindset and entrepreneurial potential. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/entr/#ENTR\\_130](http://catalog.jccc.edu/fall/coursedescriptions/entr/#ENTR_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81887 001 F2F	M-----	09:00-11:40 AM	09/08/14-12/08/14	RC 342	Duffey D	16 of 16
81889 002 F2F	M-----	05:30-09:15 PM	09/29/14-12/01/14	RC 342	Magnant J	16 of 16
82982 003 F2F	----F--	05:00-09:30 PM	09/26/14-10/10/14	RC 342	Magnant J	16 of 16
	-----S-	08:00-05:00 PM	09/27/14-10/11/14	RC 342		

Note: It is recommended that students also enroll in ENTR 120-003, CRN 82988, which is also offered on Friday night and all day Saturday. Enroll in both of these classes and you will earn 5 credit hours in 5 weeks.

## ENTR 142 - Fast Trac Business Plan

Upon successful completion of this course, the student will be able to evaluate a business concept and write a sound business plan. In the process of doing so, students will be able to assess the strengths and weaknesses of a business concept; collect and organize market research data into a marketing plan; and prepare the financial projects for their business concept. In addition, students will be able to identify and evaluate various resources available for funding small businesses. The course is required for the business plan certificate, the vocational certificate in business entrepreneurship and the associate of applied science degree in business entrepreneurship. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/entr/#ENTR\\_142](http://catalog.jccc.edu/fall/coursedescriptions/entr/#ENTR_142))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81890 001 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	RC 342	Millard B	16 of 16
Co-requisite to enroll in						
81892 350 ONLINE	-----	-	09/01/14-12/12/14	Online	Millard B	18 of 18
Co-requisite to enroll in						
81893 351 ONLINE	-----	-	09/22/14-12/08/14	Online	Millard B	18 of 18
Co-requisite to enroll in						

## ENTR 160 - Legal Issues for Small Business

Upon successful completion of this course, the student should be able to identify the forms of business ownership and the legal and tax implications for each. In addition, the student should be able to explain laws covering issues such as personnel, contracts and protection of intellectual property. The student should also be able to explain the reporting requirements for local, state and federal agencies. This course is required for the associate of applied science degree and the vocational certificate in business. 2 hrs. lecture/wk.

Credit Hours: 2

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/entr/#ENTR\\_160](http://catalog.jccc.edu/fall/coursedescriptions/entr/#ENTR_160))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81894 001 F2F	---R---	06:00-09:10 PM	08/21/14-10/09/14	RC 342	Feagan C	16 of 16
Kansas Senate Bill SB 155						
81895 002 F2F	---R---	06:00-09:30 PM	10/16/14-12/04/14	RC 342	Feagan C	16 of 16
Kansas Senate Bill SB 155						

## ENTR 180 - Opportunity Analysis

Upon successful completion of this course, the student should be able to assess the current economic, social and political climate for small businesses. In addition, the student should be able to explain how demographic, technological and social changes create opportunities for small business ventures. This course is required for the associate of applied science degree in business entrepreneurship. 2 hrs. lecture/wk.

Credit Hours: 2

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/entr/#ENTR\\_180](http://catalog.jccc.edu/fall/coursedescriptions/entr/#ENTR_180))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81896 001 F2F	M-----	01:00-04:10 PM	08/18/14-10/06/14	RC 342	Duffey D	16 of 16
Co-requisite to enroll in						
81897 002 F2F	---R---	02:00-05:30 PM	10/16/14-12/04/14	RC 342	Duffey D	16 of 16
Co-requisite to enroll in						

## ENTR 195 - Franchising

In this course, the student should be able to research the franchising method of doing business from the perspective of both the franchisor and the franchisee. The student will analyze independent management efforts necessary for a successful franchise business venture as well as understand the interdependent contractual obligations that are legally binding between the franchisor-franchisee. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: MKT 230

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/entr/#ENTR\\_195\)](http://catalog.jccc.edu/fall/coursedescriptions/entr/#ENTR_195)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82405 350 ONLINE	-----	-	09/08/14-12/12/14	Online	Feagan C	18 of 18

## ENTR 210 - Entrepreneurship Internship I

Upon the successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. This course consists of supervised work experience in an approved training situation. A minimum of 240 hours of on-the-job training is required. This course is required for an associate of science degree in business entrepreneurship. Either ENTR 210 or BUSE 210, Entrepreneurship Internship I, or ENTR 215 or BUSE 215, Entrepreneurship Internship II, is required for a vocational certificate in business entrepreneurship.

Credit Hours: 1

Prerequisite: department approval

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/entr/#ENTR\\_210\)](http://catalog.jccc.edu/fall/coursedescriptions/entr/#ENTR_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81900 500 INT	-----	-	08/18/14-12/12/14		Duffey D	25 of 25

## ENTR 215 - Entrepreneurship Internship II

Upon the successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. A minimum of 240 hours of on-the-job training is required. This course is required for an associate of applied science degree in business entrepreneurship. Either BUSE 210 or ENTR 210, Entrepreneurship Internship I, or BUSE 215 or ENTR 215, Entrepreneurship Internship II is required for a vocational certificate in business entrepreneurship.

Credit Hours: 1

Prerequisites: ENTR 210 and department approval

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/entr/#ENTR\\_215\)](http://catalog.jccc.edu/fall/coursedescriptions/entr/#ENTR_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81901 500 INT	-----	-	08/18/14-12/12/14		Duffey D	25 of 25

## ENTR 225 - Family Business

Upon successful completion of this course, the student will gain the knowledge and skills needed for the successful management and leadership of a family enterprise by exploring a diverse set of family firms, examining the interrelationships among the owners, the family, and the management team. The student will analyze the

management and family practices that ensure success while recognizing the advantages and challenges facing family enterprises. Emphasis is placed on positioning the family enterprise for sustained growth and continuity through generations. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/entr/#ENTR\\_225](http://catalog.jccc.edu/fall/coursedescriptions/entr/#ENTR_225))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81902 350 ONLINE	-----	-	09/02/14-12/12/14	Online	Millard B	18 of 18

## Energy Perform & Resource Mgmt

### EPRM 142 - Solar Thermal Systems

Solar Thermal Systems presents the key components of thermal conversion systems to absorb and use heat from sunlight. Solar module types and properties, balance of system components, energy management, and economics for a variety of solar thermal system applications are studied. The course includes details of design, installation, operation, and evaluation of solar thermal systems. The course prepares students for the NABCEP (North American Board of Certified Energy Practitioners) Entry Level Solar Thermal exam. 4 hours of integrated lecture lab/wk.

Credit Hours: 3

Associated Costs: \$30

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/eprm/#EPRM\\_142](http://catalog.jccc.edu/fall/coursedescriptions/eprm/#EPRM_142))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82199 001 F2F	-T-R---	09:00-10:50 AM	09/09/14-12/12/14	ITC 185	Eberle D	12 of 12

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### EPRM 252 - Solar Electric Systems

Solar Electric Systems presents the key components of photovoltaic (PV) conversion systems to produce electricity from sunlight. Solar module types and properties, balance of system components, stand-alone and utility interface, energy management, and economics for a variety of PV applications are studied. The course includes details of design, installation, operation, and evaluation of photovoltaic systems. The course prepares students for the NABCEP (North American Board of Certified Energy Practitioners) Entry Level PV exam. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10

Prerequisite: ELTE 125 or ELTE 200

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/eprm/#EPRM\\_252](http://catalog.jccc.edu/fall/coursedescriptions/eprm/#EPRM_252))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82200 001 F2F	-T-----	04:00-06:50 PM	09/09/14-12/12/14	ATB 164A	Eberle D	12 of 12

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## EPRM 256 - Solar Electric Systems Lab

Solar Electric Systems Lab presents practice in the use of the key components of photovoltaic (PV) conversion systems to produce electricity from sunlight. Solar module types and properties, balance of system components, stand-alone and utility interface PV applications are installed. The course includes hands-on details of design, installation, and operation. The course prepares students for the NABCEP (North American Board of Certified Energy Practitioners) Entry Level PV exam. 2 hrs. instructional lab/wk.

Credit Hours: 1

Associated Costs: \$15 to 30

Prerequisite or corequisite: EPRM 252

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/eprm/#EPRM\\_256](http://catalog.jccc.edu/fall/coursedescriptions/eprm/#EPRM_256))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82201 001 F2F	---R---	04:00-05:50 PM	09/11/14-12/12/14	ATB 164A	Eberle D	12 of 12

Kansas Senate Bill SB 155

## Fashion Merchandising/Design

### FASH 121 - Fashion Fundamentals

Upon successful completion of this course, the student should be able to define appropriate fashion terminology and explain the structure of the industry, including the design process and marketing of the fashion product. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH\\_121](http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80391 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	OCB 374	Benjamin B	22 of 22

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80399 002 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	OCB 374	Benjamin B	22 of 22
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80402 003 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	OCB 374	Benjamin B	22 of 22
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## FASH 122 - Aesthetics for Merchandising and Design

Upon successful completion of this course, the student should be able to demonstrate an understanding and apply the concept of aesthetics as it relates to the different roles of the apparel industry and the development, selection and promotion of apparel and textile products. The student will incorporate the principles and elements of design into projects designed to apply their aesthetic knowledge. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH\\_122](http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80415 001 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	OCB 374	Rhodes J	18 of 18

Kansas Senate Bill SB 155

80418 002 F2F	-T-R---	09:30-10:50 AM	08/19/14-12/12/14	OCB 374	Rhodes J	18 of 18
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## FASH 123 - Apparel Construction I

Upon successful completion of this course, the student should be able to apply clothing construction principles, techniques and skills in apparel construction. The class will use lecture, demonstration and hands-on experience to teach the skills needed to plan and construct four garments during this class. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Associated Costs: \$100 to 300

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH\\_123](http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80421 001 F2F	M-W----	11:00-01:50 PM	08/18/14-12/12/14	OCB 343A	TBA	12 of 12

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80426 003 F2F	-T-R---	06:00-08:50 PM	08/19/14-12/12/14	OCB 343A	Delaney G	4 of 4
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Kansas Senate Bill SB 155

80428 004 F2F	----F--	11:00-05:00 PM	08/22/14-12/12/14	OCB 343A	Delaney G	4 of 4
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Kansas Senate Bill SB 155

83003 006 F2F	M-W----	02:00-04:50 PM	08/18/14-12/12/14	OCB 343A	TBA	6 of 6
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## FASH 124 - Apparel Construction II

Upon successful completion of this course, the student should be able to apply intermediate apparel construction principles, techniques and skills in the production of various garments. This continuation of FASH 123 will focus on the planning and construction of an ensemble of intermediate complexity made from muslin fitting samples, with emphasis on precise fitting alteration. This course is a suggested elective for the Fashion Merchandising program. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Associated Costs: \$100 to 300

Prerequisite: FASH 123 or two years of high school apparel construction training or department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH\\_124](http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH_124))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80434 002 F2F	-T-R---	06:00-08:50 PM	08/19/14-12/12/14	OCB 343A	Delaney G	4 of 4
Kansas Senate Bill SB 155						
80435 003 F2F	---F--	11:00-05:00 PM	08/22/14-12/12/14	OCB 343A	Delaney G	4 of 4
Kansas Senate Bill SB 155						
80444 004 F2F	-T-R---	11:00-01:50 PM	08/19/14-12/12/14	OCB 343A	Michaelis A	12 of 12
Kansas Senate Bill SB 155						
83004 005 F2F	M-W----	02:00-04:50 PM	08/18/14-12/12/14	OCB 343A	TBA	6 of 6
Kansas Senate Bill SB 155						

## FASH 125 - Visual Merchandising

Upon successful completion of this course, the student should be able to explain and apply the principles of design in visual merchandising. In addition, the student should be able to identify and explain the use of mannequins and other forms, display fixtures and lighting systems; apply color theory; and present merchandise effectively in visual displays. The student should also be able to demonstrate the use of appropriate types of displays for in-store promotions. This course is required for the Fashion Merchandising program. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH\\_125](http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80957 001 F2F	-T-R---	11:00-12:20 PM	08/19/14-12/12/14	GEB 354	McCrillis J	16 of 16
Kansas Senate Bill SB 155						
80958 002 F2F	-T-----	02:00-04:50 PM	08/19/14-12/12/14	GEB 354	McCrillis J	16 of 16
Kansas Senate Bill SB 155						

## FASH 127 - Computer Aided Pattern Development

Upon successful completion of this course, the student will be able to apply the use of flat pattern techniques in developing computerized patterns for original apparel designs using the Gerber Pattern Design System technology. Students will digitize basic slopers/blocks and manipulate them into original apparel designs on the computer. This class will use a combination of lecture, demonstration and hands-on computer experience to teach the skills needed for creating digital patterns. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Associated Costs: \$80

Prerequisite: FASH 131

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH\\_127](http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH_127))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82683 001 F2F	-T-R---	02:00-04:50 PM	08/19/14-12/12/14	GEB 351A	Hillen D	17 of 17

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## FASH 130 - Fashion Illustration I

Upon completion of this course, the student will be able to create fashion illustrations using several different types of media and begin to develop content for their fashion portfolio. The student will be able to express and apply color, mood, detail and form in representing a variety of different types of apparel. This class includes a study of all types of fashion drawing including technical drawings, garment detail drawings and development of a full cohesive collection. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$100 to 200

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH\\_130](http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80967 001 F2F	M-W----	01:00-02:30 PM	08/18/14-12/12/14	OCB 374	Benjamin B	16 of 16

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## FASH 131 - Flat Pattern Development

Upon successful completion of this course, students should be able to apply the use of flat pattern methods in developing patterns for original apparel designs. Students will hand draft a set of both standard size and custom slopers/blocks for manipulation into original pattern designs. Students will plan, develop patterns, create pattern instructions and prepare muslin samples of their designs. The class will use a combination of lecture, demonstration and hands on experience to teach the skills necessary in manual pattern development. 6 hrs. integrated lecture/lab/wk.



Credit Hours: 4

Associated Costs: \$100 to 150

Prerequisite: FASH 123

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH\\_131](http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80977 001 F2F	M-W----	02:00-04:55 PM	08/18/14-12/12/14	GEB 354	Hillen D	12 of 12
Kansas Senate Bill SB 155						
81152 002 F2F	-T-R---	06:00-08:50 PM	08/19/14-12/12/14	GEB 354	TBA	12 of 12
Kansas Senate Bill SB 155						

## FASH 132 - Marketing Communications

Upon successful completion of this course, the student should be able to explain advertising and promotion from an integrated marketing communications perspective that combines theory with planning, management and strategy. In addition, the student will be able to explain advertising, sales promotion, direct marketing and publicity/public relations and the need for integration of these promotional mix elements in an overall marketing communications program. 3 hrs. lecture/wk. This course is typically taught in the fall semester.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH\\_132](http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH_132))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81153 001 F2F	-T-----	05:00-07:50 PM	08/19/14-12/12/14	GEB 351A	Pepper J	17 of 17
Kansas Senate Bill SB 155						

## FASH 133 - Computer Aided Apparel Design

Upon successful completion of this course, students should be able to apply Adobe Photoshop and Illustrator computer skills to create original textile and apparel designs. Students will learn a variety of different techniques to create portfolio ready compositions specific to fashion design. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$25 to 50

Prerequisite: FASH 122

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH\\_133](http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH_133))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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## FASH 135 - Image Management

Upon successful completion of this course, the student should be able to conduct an extensive wardrobe inventory. In addition, the student should be able to apply principles of personal grooming, elements of design and fabric, and accessory knowledge to the development of an individual professional wardrobe plan based on individual budget constraints. 1 hr. lecture/wk.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH\\_135](http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81156 001 F2F	M-----	01:00-04:00 PM	08/25/14-09/29/14	GEB 351A	McCrillis J	15 of 15

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81160 002 F2F	--W----	06:00-08:50 PM	09/17/14-10/15/14	GEB 354	Mayo S	15 of 15
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## FASH 143 - Tailoring

Upon successful completion of this course, the student should be able to apply advanced construction principles, techniques and skills in the production of tailored garments. This course is a continuation of FASH 124, Apparel Construction II. The class will use lecture, demonstration and hands-on experience as the student completes a trial muslin for a jacket or coat plus a finished three-piece ensemble of advanced complexity during this class. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Associated Costs: \$100 to 300

Prerequisite: FASH 124

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH\\_143](http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH_143))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81163 001 F2F	-T-R---	06:00-08:50 PM	08/19/14-12/12/14	OCB 343A	Delaney G	4 of 4

Kansas Senate Bill SB 155

81164 002 F2F	----F--	11:00-05:00 PM	08/22/14-12/12/14	OCB 343A	Delaney G	4 of 4
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## FASH 150 - Textiles

Upon successful completion of this course, the student should be able to differentiate fibers and fabrics according to their specific characteristics and to select fibers and fabrics for specific applications. In addition, the student should be able to identify properties and characteristics of natural and man-made fibers, the properties and characteristics of yarns, fabric construction methods including weaving and knitting and various finishing processes including printing and dyeing. 3 hrs. lecture/wk.

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Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH\\_150](http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81165 001 F2F	-T-R---	02:00-03:20 PM	08/19/14-12/12/14	OCB 374	Vogel K	18 of 18
Kansas Senate Bill SB 155						
81166 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Vogel K	25 of 25
Kansas Senate Bill SB 155						

## FASH 180 - Introduction to Draping

Upon successful completion of this course, the student should be able to apply fundamental draping techniques in the development of original draped garments. This class will build on the concepts of pattern-making by using 3D fabric manipulation to create 2D garment patterns. The class will use a combination of lecture, demonstration and hands on experience. 4 hrs. integrated lecture/lab/wk.

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Credit Hours: 3

Associated Costs: \$100

Prerequisites: FASH 123 and FASH 131

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH\\_180](http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH_180))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82985 001 F2F	-T-R---	09:00-10:59 AM	08/19/14-12/12/14	OCB 343A	Michaelis A	12 of 12
Kansas Senate Bill SB 155						

## FASH 190 - Apparel Fit, Alterations and Analysis

Upon successful completion of this course, the student should be able to analyze and detect common fit problems in various types of garments and apply the knowledge of construction and pattern making to make changes and solve problems. The class will use a combination of lecture, demonstration and hands on experience to teach the skills necessary for pattern alteration to reach desired fit criteria. 4 hrs. Integrated lecture/lab/wk.

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Credit Hours: 3

Associated Costs: \$100

Prerequisites: FASH 124 and FASH 131

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH\\_190](http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH_190))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82986 001 F2F	-T-R---	02:00-04:00 PM	08/19/14-12/12/14	OCB 343A	Mayo S	12 of 12

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## FASH 224 - History of Costume

Upon successful completion of this course, the student should be able to identify the political, economic, technological and sociological factors that have influenced Western costume worn by women, men and children from ancient Egyptian times to the present. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH\\_224](http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH_224))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81223 001 F2F	-T-R---	12:30-01:50 PM	08/19/14-12/12/14	GEB 354	Benjamin B	18 of 18
81236 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Benjamin B	20 of 20

## FASH 225 - Store Planning

Upon successful completion of this course, the student should be able to demonstrate the skills needed to plan and execute the display methods and store planning concepts for promoting merchandise within a large or small store interior. These plans will use the student's understanding of design, fixtures, traffic patterns, floor sets, graphics/signage and materials. This course is a requirement for the visual merchandising certificate. 3 hrs. lecture/wk. This course is typically taught in the spring semester.

Credit Hours: 3

Prerequisite: FASH 125

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH\\_225](http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH_225))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83021 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Mayo S	20 of 20

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## FASH 242 - Product Knowledge for Merchandisers

Upon successful completion of this course, the student should be able to evaluate a wide range of textile and nontextile products, from diamonds to table top, on the basis of specialized product knowledge. In addition, the student should be able to research brands. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH\\_242](http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH_242))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81239 001 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	GEB 354	TBA	22 of 22

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## FASH 270 - Apparel Product Development

Upon successful completion of this course, students should be able to develop original garment design ideas from initial concept through to production. This includes translating market trend research, creating inspiration and concept presentation boards and continuing the design process through fabric selection and developing original patterns for first samples using flat pattern drafting and draping techniques. Students will calculate costing for their garments and develop detailed specification packages. 4 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$100

Prerequisites: FASH 123 and FASH 130 and FASH 131 and FASH 133

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH\\_270](http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH_270))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82987 001 F2F	M-W----	09:00-10:59 AM	08/18/14-12/12/14	OCB 343A	Rhodes J	12 of 12

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## FASH 277 - Fashion Seminar: Career Options

Upon successful completion of this course, the student should be able to define individual career goals after a thorough examination of five career areas within the fashion industry. In addition, the student should be able to explain strategies for success in the workplace. 2 hrs. lecture/wk.

Credit Hours: 2

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH\\_277](http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH_277))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81248 001 F2F	M-W----	10:00-10:50 AM	08/18/14-12/12/14	GEB 354	Lykens C	22 of 22

## FASH 283 - Fashion Internship I

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. This course offers work experience under instructional supervision in an approved training situation designed to provide practical experience in the fashion industry. A minimum of 15 hours on-the-job training/wk.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH\\_283\)](http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH_283)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81250 500 INT	-----	-	08/18/14-12/12/14	OCB	McCrillis J	50 of 50

Kansas Senate Bill SB 155

## FASH 284 - Fashion Internship II

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. The student will receive 225 hours of work experience in an approved training situation designed to provide practical experience in the fashion industry. An average of 15 hours on-the-job training/wk.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH\\_284\)](http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH_284)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81251 501 INT	-----	-	08/18/14-12/12/14	OCB	McCrillis J	50 of 50

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## FASH 285 - Fashion Internship III

Upon successful completion of this course, the student should be able to demonstrate the skills required to advance to an entry-level management position. The student will receive 225 hours of work experience in an approved training situation designed to provide practical experience in the fashion industry. An average of 15 hours on-the-job training is required/wk.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH\\_285\)](http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH_285)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81253 502 INT	-----	-	08/18/14-12/12/14	OCB	McCrillis J	50 of 50

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## FASH 286 - Fashion Internship IV

Upon successful completion of this course, the student will have received 225 hours of work experience in an approved training environment. The student should be able to demonstrate the skills required in an entry level management position. An average of 15 hours on the job training/wk. is required.

Credit Hours: 1

Prerequisites: FASH 283 and FASH 284 and FASH 285 and 40 hours toward degree in Fashion Merchandising

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH\\_286](http://catalog.jccc.edu/fall/coursedescriptions/fash/#FASH_286))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81254 503 INT	-----	-	08/18/14-12/12/14	GEB	Peter S	8 of 8

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## Fire Services Administration

### FIRE 120 - Fire Academy



This course provides cognitive, psychomotor and affective instruction for those students seeking certification as a fire fighter in the state of Kansas. The class covers hazardous materials (first responder; operations level), fire department communications, fire ground operations, rescue operations and prevention, preparedness and maintenance, and physical agility (CPAT). Upon successful completion of the cognitive examinations and all psychomotor skills evaluations, students will be allowed to sit for the Kansas Fire Fighter I and II state certification examinations, which are administrated by the University of Kansas, Fire and Rescue Training Institute. 15 hrs. integrated lecture/lab/wk. This course is typically taught in the fall and spring semesters only.

Credit Hours: 12

Associated Costs: \$350

Prerequisite: HPER 240 and department approval. (Selective Application, call 913-895-8405 for more information.)

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fire/#FIRE\\_120](http://catalog.jccc.edu/fall/coursedescriptions/fire/#FIRE_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80661 001 F2F	-TWR---	05:30-09:10 PM	08/19/14-12/12/14	 OPF	Lehmann R Wigginton T Mosher F Wickersheim D Barnum E Miller T Stapp J	24 of 24
	-----S-	08:30-12:30 PM	08/23/14-12/12/14	 OPF		

## FIRE 162 - Firefighting Tactics

Strategy and tactics are essential competencies required to mitigate fires. This course is designed to prepare a fire officer to be able to provide tactics at a structure fire, fully utilizing available resources in a safe and efficient manner. 3 hrs. lecture/wk. This course is typically taught in the fall semester.

Credit Hours: 3

Prerequisite: FIRE 110 or FIRE 120

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fire/#FIRE\\_162](http://catalog.jccc.edu/fall/coursedescriptions/fire/#FIRE_162))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80663 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Lehmann R	30 of 30

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## FIRE 220 - Fire Management

This course will involve the student in learning proper methods of supervision and the duties of a fire department first line manager. It will encompass supervisory techniques as well as various management theories. This course will assist the student in the application of techniques and the practical use of management theories in the role as a fire service manager. 3 hrs. lecture/wk. This course is typically taught in the fall semester.

Credit Hours: 3

Prerequisite: FIRE 110 or FIRE 120

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fire/#FIRE\\_220](http://catalog.jccc.edu/fall/coursedescriptions/fire/#FIRE_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80664 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Lehmann R	30 of 30

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## FIRE 222 - Fire Science Law

The law as it pertains to the fire service will be explained, along with tort law and business law. 3 hrs. lecture/wk. This course is typically taught in the fall semester.

Credit Hours: 3

Prerequisite: FIRE 110 or FIRE 120



[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/fire/#FIRE\\_222\)](http://catalog.jccc.edu/fall/coursedescriptions/fire/#FIRE_222)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80665 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Lehmann R	30 of 30

Kansas Senate Bill SB 155

## Foreign Language

### FL 116 - Elementary Latin I

Students will have the opportunity to learn the basic vocabulary and structural patterns, or grammar, of Latin. Emphasis will be on fundamental grammar concepts, extensive word study for English vocabulary growth and the lasting contributions Roman society made to Western civilization. 3 hrs. lecture/wk. This course is not offered in the spring semester.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_116\)](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_116)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82936 001 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	SCI 118	Roberts M	24 of 24

### FL 120 - Elementary German I

This course presents the sounds, vocabulary and basic structural patterns of German, focusing on the development of listening comprehension, speaking, reading and writing skills. Cultural material will be integrated into the course. 5 hrs. lecture/wk.

Credit Hours: 5

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_120\)](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82928 001 F2F	MTWRF--	10:00-10:50 AM	08/18/14-12/12/14	GEB 281	TBA	24 of 24
82930 002 F2F	M-W-F--	02:00-03:25 PM	08/18/14-12/12/14	GEB 281	McDonald T	24 of 24

### FL 121 - Elementary German II

This course will continue the presentation of the vocabulary and basic structural patterns begun in Elementary German I with continued emphasis on the development of listening comprehension, speaking, reading and writing skills. 5 hrs. lecture/wk.

Credit Hours: 5

Prerequisite: FL 120 or one year of high-school German

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_121](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82932 001 F2F	M-W-F--	12:00-01:25 PM	08/18/14-12/12/14	GEB 281	Littrell A	24 of 24

## FL 123 - Elementary Hebrew I

In this basic course, students will study the four areas of Hebrew language acquisition: listening, speaking, reading and writing. This course requires intensive classroom interaction as well as additional out-of-class assignments. Exposure to aspects of Israeli culture will be integrated into this course. 5 hrs. lecture/wk.

Credit Hours: 5

Associated Costs: \$0 to 17

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_123](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82938 001 F2F	MTWR---	12:00-01:15 PM	08/18/14-12/12/14	PA 134	Kamara O	24 of 24

## FL 130 - Elementary Spanish I

In this basic course, students will study Spanish grammar conversation, composition and the culture of Spanish-speaking countries. 5 hrs. lecture/wk.

Credit Hours: 5

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_130](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82829 001 F2F	MTWRF--	08:00-08:50 AM	08/18/14-12/12/14	GEB 281	Alvarez L	24 of 24
82831 002 F2F	MTWRF--	09:00-09:50 AM	08/18/14-12/12/14	GEB 281	Alvarez L	24 of 24
82847 003 F2F	MTWRF--	10:00-10:50 AM	08/18/14-12/12/14	CC 224	Stephenson K	25 of 25
82850 004 F2F	MTWRF--	10:00-10:50 AM	08/18/14-12/12/14	GEB 238	Gonzalez E	25 of 25
82851 005 F2F	MTWRF--	11:00-11:50 AM	08/18/14-12/12/14	GEB 281	Wolff C	24 of 24
82852 006 F2F	M-W-F--	12:00-01:25 PM	08/18/14-12/12/14	CC 224	Stephenson K	25 of 25
82854 007 F2F	M-W-F--	02:00-03:25 PM	08/18/14-12/12/14	CC 318	Tredway S	25 of 25
82855 008 F2F	-TWR---	03:30-04:55 PM	08/19/14-12/12/14	GEB 281	Young D	24 of 24
82856 009 F2F	-T-R---	12:00-02:10 PM	08/19/14-12/12/14	CC 224	Sommerville S	25 of 25

82857	010 F2F	-T-R---	02:20-04:30 PM	08/19/14-12/12/14	CC 224	Sommerville S	25 of 25
82858	011 F2F	M-W----	06:00-08:10 PM	08/18/14-12/12/14	GEB 281	Gonzalez E	24 of 24
82859	012 F2F	-T-R---	06:00-08:10 PM	08/19/14-12/12/14	GEB 281	Michael J	24 of 24
82869	376 HYB	M-----	08:00-08:50 PM	08/18/14-12/12/14	CC 318	Hillen J	20 of 20
		-----	-	08/18/14-12/12/14	Online		

Note: For more information, contact the instructor, Jim Hillen at [jhillen@jccc.edu](mailto:jhillen@jccc.edu).

## FL 131 - Elementary Spanish II

This course will continue the presentation of the material introduced in Elementary Spanish I. Graded reading selections will be added as a basis for conversation and composition in discussion periods. Placement test recommended: can be taken at the Testing Center. 5 hrs. lecture/wk.

Credit Hours: 5

Prerequisite: FL 130 with a grade of "C" or higher or two years of high-school Spanish; or the appropriate score on the placement test

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_131](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
82872	001 F2F	MTWRF--	09:00-09:50 AM	08/18/14-12/12/14	CC 224	Stephenson K	25 of 25
82876	002 F2F	MTWRF--	11:00-11:50 AM	08/18/14-12/12/14	CC 224	Stephenson K	25 of 25
82885	003 F2F	M-W-F--	01:30-02:55 PM	08/18/14-12/12/14	CC 224	Sommerville S	25 of 25
82886	004 F2F	-T-R---	06:00-08:10 PM	08/19/14-12/12/14	CC 224	Thornton S	24 of 24

## FL 133 - Basic Spanish for Hospitality Management

In this basic course, students will be introduced to terminology related to the hospitality industry, basic Spanish grammar and phrases related to work. 2 hrs. lecture/wk.

Credit Hours: 2

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_133](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_133))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
82887	350 ONLINE	-----	-	08/18/14-12/12/14	Online	TBA	20 of 20

## FL 140 - Elementary French I

Areas covered in this basic course include vocabulary building, grammar study, conversation and an introduction to French culture and civilization. The emphasis is on conversation. Placement test recommended: can be taken at the Testing Center. 5 hrs. lecture/wk.

Credit Hours: 5

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_140\)](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82918 001 F2F	MTWRF--	11:00-11:50 AM	08/18/14-12/12/14	CC 323	Funaro J	24 of 24
82969 002 F2F	M-W-F--	02:00-03:25 PM	08/18/14-12/12/14	CC 332	Perrigey-Keene H	24 of 24
82921 003 F2F	-T-R---	06:00-08:50 PM	08/19/14-12/12/14	CC 323	Adams M	24 of 24

## FL 140H - HON: Elem. French I

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_140H\)](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_140H)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81510 01HF2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## FL 141 - Elementary French II

This course continues the presentation of the material introduced in Elementary French I. Graded reading selections will be used as the basis for conversation. Placement test recommended: can be taken at the Testing Center. 5 hrs. lecture/wk.

Credit Hours: 5

Prerequisite: FL 140 or one year of high-school French

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_141\)](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82970 001 F2F	M-W-F--	12:00-01:25 PM	08/18/14-12/12/14	CC 323	Funaro J	24 of 24

## FL 141H - HON: Elem. French II

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_141H](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_141H))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81511 02H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3


Requirement: Department approval

## FL 150 - Elementary Russian I

In this course, students will learn the basic sounds, vocabulary and structural patterns of Russian. Emphasis will be on listening comprehension, speaking, reading and writing skills. Cultural material will be included. 5 hrs. lecture/wk.

Credit Hours: 5

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_150](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82942 001 F2F	M-W-F--	09:00-10:50 AM	09/03/14-12/12/14	 KUE 223	Scanlan T	25 of 25

## FL 155 - Elementary Arabic I

In this basic course, teacher and student activities are geared toward developing functional abilities to use Arabic accurately and fluently in listening, speaking, reading, and writing. This course requires intensive classroom interaction and out-of-class assignments. 5 hrs. lecture/wk.

Credit Hours: 5

Associated Costs: \$10

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_155](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_155))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82940 001 F2F	MTWR---	10:00-11:15 AM	08/18/14-12/12/14	PA 134	Ibrahim M	10 of 10

## FL 160 - Elementary Italian I

Students will be introduced to the sounds, vocabulary and basic structural patterns of Italian, with primary focus on the development of listening comprehension, speaking, reading and writing skills. Integrated throughout the course will be an introduction to the culture of Italy. 5 hrs. lecture/wk.

Credit Hours: 5

Associated Costs: \$8 to 20

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_160](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_160))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82953 001 F2F	M-W-F--	12:00-01:25 PM	08/18/14-12/12/14	GP 102	TBA	24 of 24

## FL 165 - Elementary Chinese I

This course will introduce students to the basic sounds, vocabulary, grammar and usage, characters and reading of the Chinese language. The emphasis will be on developing basic conversational skills. Students will develop an understanding and appreciation of Chinese culture. 5 hrs. lecture/wk.

Credit Hours: 5

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_165](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_165))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82954 001 F2F	MTWRF--	09:00-09:50 AM	08/18/14-12/12/14	GEB 238	Yuan D	24 of 24

## FL 170 - Elementary Japanese I

This course is an introduction to the sounds, vocabulary, grammar, usage and readings of the Japanese language. The emphasis will be on developing basic conversational skills. Cultural materials will be included. This course is typically taught in the fall semester. 5 hrs. lecture/wk.

Credit Hours: 5

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_170](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_170))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82909 001 F2F	MTWRF--	10:00-10:50 AM	08/18/14-12/12/14	CC 323	Rumbach K	24 of 24
82911 002 F2F	-TWR---	03:10-04:35 PM	08/19/14-12/12/14	CC 323	Daugherty D	24 of 24
82912 003 F2F	M-W----	06:00-08:10 PM	08/18/14-12/12/14	CC 323	James E	24 of 24

## FL 171 - Elementary Japanese II

A continuation of Elementary Japanese I, this course will emphasize the sounds, vocabulary, grammar, usage and reading of the Japanese language. Focus is on developing more advanced conversational skills and cultural understanding. This course is typically taught in the spring semester. 5 hrs. lecture/wk.

Credit Hours: 5

Prerequisite: FL 170 or one year of high-school Japanese

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_171](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_171))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82915 001 F2F	M-W-F--	01:30-02:55 PM	08/18/14-12/12/14	CC 323	James E	24 of 24


## FL 178 - Intermediate Russian I

This course will emphasize vocabulary development and more advanced study of Russian grammar. Students will practice reading, listening comprehension, speaking and writing at the intermediate level. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: FL 151 or two years of high-school Russian

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_178](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_178))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82949 001 F2F	M-W----	11:00-12:40 PM	09/03/14-12/12/14	 KUE 223	Scanlan T	25 of 25

## FL 180 - Elementary American Sign Language I

This class will focus on the development of beginning American Sign Language communication skills. Comprehension skills and linguistic features of the language taught in context will be emphasized. 6 hrs. integrated lecture-lab/wk. FL 180 and ASL 120 are the same course. Do not enroll in both.

Note: FL 180 and INTR 120 are available for general enrollment; admission to the program is not required. FL 180 and INTR 120 are the same course. Do not enroll in both.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_180](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_180))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82480 001 F2F	M-W-F--	01:00-02:50 PM	08/18/14-12/12/14	GEB 311	Kuhns K	15 of 15

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82494	002 F2F	M-W----	06:00-08:50 PM	08/18/14-12/12/14	LIB 353B	Gabel S	15 of 15
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82503	003 F2F	-T-R---	11:00-01:50 PM	08/19/14-12/12/14	GEB 217	Clark K	15 of 15
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82505	004 F2F	-T-R---	02:00-04:50 PM	08/19/14-12/12/14	GEB 215	Kuhns K	15 of 15
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82507	005 F2F	-T-R---	06:00-08:50 PM	08/19/14-12/12/14	GEB 215	Bader A	15 of 15
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## FL 181 - Elementary American Sign Language II

This course will focus on continued development of elementary American Sign Language skills beyond those taught in Elementary ASL I. Students will work on developing communication competencies, concentrating on comprehension and production skills. Information about the linguistic and cultural features will be included in the context of language learning experiences. 6 hrs. integrated lecture-lab/wk. FL 181 and ASL 121 are the same course. Do not enroll in both.

Note: The following course is available for general enrollment; admission to the program is not required. FL 181 and INTR 121 are the same course, do not enroll in both.

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Credit Hours: 3

Prerequisite: FL 180 or INTR 120 with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_181](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_181))

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CRN	Days	Time	Date	Location	Instructor	Seats Open	
82510	001 F2F	M-W-F--	02:00-03:50 PM	08/18/14-12/12/14	GEB 215	Clark K	15 of 15

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82513	002 F2F	-T-R---	06:00-08:50 PM	08/19/14-12/12/14	CC 229	Gwynn T	15 of 15
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## FL 182 - Intermediate Japanese I

This course continues the study of Japanese language and culture, emphasizing the sounds, vocabulary, grammar, usage and readings of the Japanese language. The course concentrates on developing further advanced conversational skills by increasing vocabulary and variety of sentence patterns. Cultural understanding will also be stressed. This course is typically taught in the fall semester. 5 hrs. lecture/wk.

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Credit Hours: 5

Prerequisite: FL 171 or two years of high-school Japanese and department approval



Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_182](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_182))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82916 001 F2F	MTWRF--	09:00-09:50 AM	08/18/14-12/12/14	CC 323	Rumbach K	24 of 24

## FL 220 - Intermediate German I

This class will emphasize vocabulary building and grammar review primarily through extensive reading of German texts. There will be additional practice in listening comprehension, speaking and writing. Placement test recommended: can be taken at the Testing Center. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: FL 121 or two years of high-school German

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_220](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82934 001 F2F	M-W----	06:00-07:15 PM	08/18/14-12/12/14	GEB 238	McDonald T	24 of 24

## FL 230 - Intermediate Spanish I

This course refines grammar, builds vocabulary, increases understanding of Hispanic culture, and provides practice designed to improve speaking fluency. It includes composition and conversation. Placement test recommended: can be taken at the Testing Center. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: FL 131 with a grade of "C" or higher or three years of high-school Spanish or the appropriate score on the placement test

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_230](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82888 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CC 229	Alvarez L	24 of 24
82889 002 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	CC 331	Alvarez L	24 of 24
82890 003 F2F	-T-R---	01:30-02:45 PM	08/19/14-12/12/14	GEB 281	Schmidt I	24 of 24
82892 004 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	CC 224	Finnie J	24 of 24

## FL 230H - HON: Inter. Spanish I

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

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Credit Hours: 1

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_230H\)](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_230H)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81512 03H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## FL 231 - Intermediate Spanish II


This course refines grammar, builds vocabulary, increases understanding of Hispanic culture, and provides practice designed to improve speaking fluency. It includes more advanced readings as a source for composition and conversation. Placement test recommended: can be taken at the Testing Center. 3 hrs. lecture/wk.

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Credit Hours: 3

Prerequisite: FL 230 with a grade of "C" or higher or or four years of high-school Spanish or the appropriate score on the placement test

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_231\)](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82893 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	SCI 120	Cooper S	24 of 24
82897 002 F2F	-T-R---	12:00-01:15 PM	08/19/14-12/12/14	GEB 281	Schmidt I	24 of 24
82900 003 F2F	-T-----	06:00-09:05 PM	09/02/14-12/12/14	 DSH 408	Sommerville A	25 of 25

## FL 231H - HON: Inter. Spanish II

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

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Credit Hours: 1

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_231H\)](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_231H)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81513 04H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## FL 234 - Conversational Spanish

This course enhances students' ability to express themselves orally in Spanish through vocabulary building and reiteration of essential grammatical structures. The vocabulary emphasizes everyday life situations and current events. Placement test recommended: can be taken in the Testing Center. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: FL 230 with a grade of "B" or higher; or FL 231 with a grade of "C" or higher; or four years of high-school Spanish; or the score equivalent to FL 231 on the placement test

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_234](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_234))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82901 001 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	CLB 405	Cooper S	24 of 24

## FL 240 - Intermediate French I

In this course, students begin a more in-depth study of French grammar and vocabulary as they improve their mastery of the four communicative skills (listening, speaking, reading and writing). Reading assignments (from literary, journalistic and Internet sources) will be more advanced and writing assignments will be more extensive at the Intermediate level. Placement test recommended: can be taken at the Testing Center. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: FL 141 or two years of high-school French

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_240](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82924 001 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	SCI 118	Verzhbytska I	24 of 24

## FL 241 - Intermediate French II

In this class, students continue their in-depth study of French grammar and improvement of vocabulary. All four communication skills (listening, speaking, reading, and writing) continue to be emphasized as reading assignments, compositions, listening comprehension exercises and class discussion become more complex. Placement test recommended. Go to the Testing Center or to the Language Resource Center. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: FL 240 or three years of high-school French

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_241](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_241))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82926 001 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	GP 102	TBA	24 of 24

## FL 270 - Intermediate American Sign Language I

This course will focus on the development of intermediate American Sign Language communication skills. Emphasis will be on teaching in context comprehension skills and linguistic features of the language. 6 hrs. integrated lecture/lab/wk. INTR 122, FL 270 and ASL 122 are the same courses; only enroll in one.

Note: FL 270 and INTR 122 are the same course, do not enroll in both.

Credit Hours: 3

Associated Costs: \$10 to 40

Prerequisite: FL 181 or INTR 121

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_270](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_270))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82515 001 F2F	M-W----	06:00-08:50 PM	08/18/14-12/12/14	GEB 215	Gwynn T	15 of 15

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## FL 271 - Intermediate American Sign Language II

The study of intermediate American Sign Language will continue in this course. It is designed to further intermediate communication skills in American Sign Language. Information about the linguistic and cultural features will be included in the context of language learning experiences. 6 hrs. integrated lecture/lab/wk. INTR 123, FL 271 and ASL 123 are the same courses; only enroll in one.

Note: FL 271, INTR 123 and ASL 123 are the same courses; only enroll in one

Credit Hours: 3

Associated Costs: \$10 to 40

Prerequisite: FL 270 or INTR 122

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL\\_271](http://catalog.jccc.edu/fall/coursedescriptions/fl/#FL_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82518 001 F2F	M-W----	06:00-08:50 PM	08/18/14-12/12/14	GEB 311	Goben B	15 of 15

## Floriculture

### FLR 130 - Principles of Traditional Design

This course teaches the guidelines and basics of floral design. These principles are known as balance, composition, harmony, focal point, proportion, line, rhythm, texture, form, space, and color. The course will help the students develop an eye for color combinations, flow of lines, perspectives and the post-harvest care of floral materials. Recommendations are made that pertain to receiving, unpacking and processing the flowers. Methods of conditioning, hardening, and forcing flowers and use of preservatives are illustrated. 2 hrs. lecture 3 hrs. instructional lab/wk.

Credit Hours: 3

Associated Costs: \$100

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/flr/#FLR\\_130](http://catalog.jccc.edu/fall/coursedescriptions/flr/#FLR_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80078 001 F2F	-T-----	09:00-10:50 AM	08/19/14-12/12/14	HSC 121	Ryan D	20 of 20
	---R---	09:00-11:50 AM	08/21/14-12/12/14	HSC 124		

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### FLR 150 - Contemporary Design Styles

This course will focus on contemporary, Asian, and current trends in floral design. The course will help students develop their skills in asymmetrical balance, negative space, focal point, dramatic lines. Also included is the history of oriental design, cutting edge design, twigs, branches, pods to be used for textures, bold color schemes, and further discussion of the "less is more" concept. 2 hrs lecture, 3 instructional lab hrs/wk.

Credit Hours: 3

Associated Costs: \$100

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/flr/#FLR\\_150](http://catalog.jccc.edu/fall/coursedescriptions/flr/#FLR_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80079 001 F2F	-T-----	12:00-01:50 PM	08/19/14-12/12/14	HSC 121	Ryan D	20 of 20
	---R---	12:00-02:50 PM	08/21/14-12/12/14	HSC 124		

Kansas Senate Bill SB 155

## Game Development

Missouri residents, see Reverse Cooperative Information (<http://www.jccc.edu/cooperative/cooperative-mcc-residents.html>)

## GAME 102 - The Business of Games

In this course, students are introduced to the business and process of game development, from the concept document to publishing. Students will learn the stages of game development within the context of the often complex relationship between developer, publisher and retailer. The course uses a participatory format emphasizing analytical thinking and problem solving, both key skills for persons seeking a career in the game development industry. 3 hrs lecture/wk.

Credit Hours: 3

Associated Costs: \$20 to 50

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/game/#GAME\\_102](http://catalog.jccc.edu/fall/coursedescriptions/game/#GAME_102))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82096 001 F2F	M-W----	02:00-03:15 PM	08/18/14-12/12/14	RC 361	Fleming R	17 of 17
Kansas Senate Bill SB 155						
82097 002 F2F	-T-R---	06:00-07:15 PM	08/19/14-12/12/14	RC 378	Kitchin D	18 of 18
Kansas Senate Bill SB 155						

## GAME 104 - Introduction to Game Development

This course covers the basics of game design and production. Topics include the fundamentals of managing game development, development of a plan for a game, the game production process, the history and business of games, and the various job roles in the industry. 1hr. lecture/wk.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/game/#GAME\\_104](http://catalog.jccc.edu/fall/coursedescriptions/game/#GAME_104))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82098 001 F2F	M-----	10:00-10:50 AM	08/18/14-12/12/14	RC 378	Hanna R	18 of 18
Kansas Senate Bill SB 155						
82099 002 F2F	--W----	10:00-10:50 AM	08/20/14-12/12/14	RC 378	Hanna R	18 of 18
Kansas Senate Bill SB 155						
82100 003 F2F	----F--	10:00-10:50 AM	08/22/14-12/12/14	RC 378	Hanna R	18 of 18
Kansas Senate Bill SB 155						

## GAME 105 - Beginning Game Creation

This course is designed to present the skills and to provide the hands-on experience required to create computer games utilizing game development tools that require no programming. Topics will include learning how to build games with a game development environment, the basic ideas of game design and an introduction to building 3D levels. Students should learn how to build a variety of games, include sound effects and simple animation effects in games, use simple analysis tools to evaluate games, build a 3D level, and create an original game as a term project. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/game/#GAME\\_105](http://catalog.jccc.edu/fall/coursedescriptions/game/#GAME_105))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82106 001 F2F	M-W----	11:00-12:15 PM	08/18/14-12/12/14	RC 378	Hanna R	18 of 18
Kansas Senate Bill SB 155						
82107 002 F2F	M-W----	02:00-03:15 PM	08/18/14-12/12/14	RC 378	Hanna R	18 of 18
Kansas Senate Bill SB 155						
82108 003 F2F	M-W----	06:00-07:15 PM	08/18/14-12/12/14	RC 378	TBA	18 of 18
Kansas Senate Bill SB 155						
82109 004 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	RC 378	Hanna R	18 of 18
Kansas Senate Bill SB 155						

## GAME 110 - Flash Gaming

This course is designed to present the skills and to provide the hands-on experience required to create computer games utilizing Flash MX 2004. Typical topics to be covered include 2D coordinate systems, basic game physics, game trigonometry, motion techniques, collision detection, collision reaction, conservation of momentum and energy, and tile based worlds. Typical tasks include creation of angle conversion functions; projection functions; controlling speed, velocity, and acceleration; applying Newton's three laws of motion, affecting gravity and friction; and creation of grid management systems. 3 hrs. lecture, 2 hrs. open lab/wk.

Credit Hours: 4

Associated Costs: \$20 to 50

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/game/#GAME\\_110](http://catalog.jccc.edu/fall/coursedescriptions/game/#GAME_110))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82110 001 F2F	M-W----	04:00-05:20 PM	08/18/14-12/12/14	RC 378	Sindt R	18 of 18
Kansas Senate Bill SB 155						

## GAME 134 - Game World Creation

In this course students will study what exactly world, region, and level means to different games. Students will also create a game world, region and level during the semester using current industry tools. 4 hrs. lecture/wk.

Credit Hours: 4

Prerequisite: GAME 105

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/game/#GAME\\_134](http://catalog.jccc.edu/fall/coursedescriptions/game/#GAME_134))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82111 001 F2F	----F--	12:00-03:50 PM	08/22/14-12/12/14	RC 378	Fleming R	18 of 18

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## GAME 180 - Artificial Intelligence for Games

Upon successful completion of this course, students should be able to deconstruct simple program scripts within a game engine illustrating introductory concepts in artificial intelligence (AI) as applied to computer games. The students will define terms and application areas in the field, and describe game representation and implementation techniques used in artificial intelligence for games. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$20 to 50

Prerequisites: CS 134 or CIS 134 and GAME 105

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/game/#GAME\\_180](http://catalog.jccc.edu/fall/coursedescriptions/game/#GAME_180))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82112 001 F2F	M-W----	12:30-01:45 PM	08/18/14-12/12/14	RC 378	Hanna R	18 of 18

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## GAME 220 - Game Design II

In this course students will learn how to use mechanics to create and control feedback systems, emergent gameplay, and establish game balance. This course will also cover how to handle rewards and punishment, how interface design can make or break a game, and how games can be created as sports. 4 hrs. lecture/wk.

Credit Hours: 4

Prerequisite: GAME 120

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/game/#GAME\\_220](http://catalog.jccc.edu/fall/coursedescriptions/game/#GAME_220))



CRN	Days	Time	Date	Location	Instructor	Seats Open
82113 001 F2F	-T-R---	10:00-11:45 AM	08/19/14-12/12/14	RC 378	Fleming R	18 of 18

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## GAME 221 - Game Programming II

This course is designed to give students a deeper understanding of 3D game programming techniques. Students will study multi-threading, networking, use of analytic software, shader basics, and user-generated content systems. Students will create a 3D game using all of these techniques. 5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisite: GAME 121 Corequisite: CS 236

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/game/#GAME\\_221](http://catalog.jccc.edu/fall/coursedescriptions/game/#GAME_221))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82114 001 F2F	MTWRF--	09:00-09:50 AM	08/18/14-12/12/14	RC 378	Fleming R	18 of 18

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## GAME 240 - Agile Game Development

This course will cover the Agile software development methodology using Scrum. The student will learn how Scrum can be applied specifically to the processes used in game development. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: GAME 105

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/game/#GAME\\_240](http://catalog.jccc.edu/fall/coursedescriptions/game/#GAME_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82115 001 F2F	-T-R---	01:00-01:50 PM	08/19/14-12/12/14	RC 378	Hanna R	18 of 18

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## Graphic Design

### GDES 120 - Introduction to Graphic Design

This course is designed to acquaint the student with the various aspects of the graphic design field. Topics include the ways in which visual messages are used in society, the skills needed by a graphic designer and the potential areas of specialization and employment. This class will have guest speakers from the field of graphic design. Emphasis will be on assisting the student to make an informed decision about graphic design as a career. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$40 to 50

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/gdes/#GDES\\_120](http://catalog.jccc.edu/fall/coursedescriptions/gdes/#GDES_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82418 001 F2F	-T-----	07:00-08:15 PM	08/19/14-12/12/14	LIB 353B	Hawkins P	20 of 20
	---R---	07:00-08:45 PM	08/21/14-08/21/14	SCI 222		
	---R---	07:00-08:45 PM	09/04/14-09/04/14	SCI 222		
	---R---	07:00-08:45 PM	09/18/14-09/18/14	SCI 222		
	---R---	07:00-08:45 PM	10/02/14-10/02/14	SCI 222		
	---R---	07:00-08:45 PM	10/16/14-10/16/14	SCI 222		
	---R---	07:00-08:45 PM	10/30/14-10/30/14	SCI 222		
	---R---	07:00-08:45 PM	11/13/14-11/13/14	SCI 222		
	---R---	07:00-08:45 PM	12/04/14-12/04/14	SCI 222		

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82419 002 F2F	-T-----	08:30-09:45 PM	08/19/14-12/12/14	LIB 353B	Hawkins P	20 of 20
	---R---	07:00-08:45 PM	08/21/14-08/21/14	SCI 222		
	---R---	07:00-08:45 PM	09/04/14-09/04/14	SCI 222		
	---R---	07:00-08:45 PM	09/18/14-09/18/14	SCI 222		
	---R---	07:00-08:45 PM	10/02/14-10/02/14	SCI 222		
	---R---	07:00-08:45 PM	10/16/14-10/16/14	SCI 222		
	---R---	07:00-08:45 PM	10/30/14-10/30/14	SCI 222		
	---R---	07:00-08:45 PM	11/13/14-11/13/14	SCI 222		
	---R---	07:00-08:45 PM	12/04/14-12/04/14	SCI 222		

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## GDES 130 - Drawing and Media Methods 1

This course will provide instruction in perceptual techniques, perspective theory and drawing process methods that relate to the visual analysis of the three-dimensional forms drawn from life. Focus will be on the application of theory, processes and techniques to attain structural accuracy and the illusion of three-dimensional form on a two-dimensional surface. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisites: GDES 120 and ART 124 and CDTP 135 and CDTP 140 and CDTP 145

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/gdes/#GDES\\_130](http://catalog.jccc.edu/fall/coursedescriptions/gdes/#GDES_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82426 001 F2F	--W----	01:30-06:50 PM	08/20/14-12/12/14	LIB 311	Erickson-Harper T	18 of 18
	--W----	01:30-06:50 PM	08/20/14-12/12/14	LIB 312		
	--W----	01:30-06:50 PM	08/20/14-12/12/14	LIB 313		

Kansas Senate Bill SB 155

Requirement: Department approval

82429 002 F2F	---R---	01:30-06:50 PM	08/21/14-12/12/14	LIB 311	Erickson-Harper T	18 of 18
	---R---	01:30-06:50 PM	08/21/14-12/12/14	LIB 312		
	---R---	01:30-06:50 PM	08/21/14-12/12/14	LIB 313		

Kansas Senate Bill SB 155

Requirement: Department approval

82431 003 F2F	M-W----	07:00-09:45 PM	08/18/14-12/12/14	LIB 311	Toller T	18 of 18
	M-W----	07:00-09:45 PM	08/18/14-12/12/14	LIB 312		
	M-W----	07:00-09:45 PM	08/18/14-12/12/14	LIB 313		

Kansas Senate Bill SB 155

Requirement: Department approval

## GDES 131 - Drawing and Media Methods 2

This course is a continuation of Drawing and Media Methods I, with emphasis on the creative application of perspective theory, perceptual skill and drawing methods. Drawing methods and rendering techniques will be applied to visual problem-solving processes and the communication of design concepts. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisite: GDES 130

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/gdes/#GDES\\_131](http://catalog.jccc.edu/fall/coursedescriptions/gdes/#GDES_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82433 001 F2F	-T-----	01:30-06:50 PM	08/19/14-12/12/14	LIB 311	Erickson-Harper T	18 of 18
	-T-----	01:30-06:50 PM	08/19/14-12/12/14	LIB 312		
	-T-----	01:30-06:50 PM	08/19/14-12/12/14	LIB 313		

Kansas Senate Bill SB 155

Requirement: Department approval

## GDES 132 - Typography

This course will provide instruction in the basic principles of contemporary typographic design. Information concerning typography, from traditional letterpress through digital type design and typesetting, will be included. The course content will emphasize effective methods of communicating to a mass audience through the printed letter, word, line and page. Working knowledge of QuarkXpress and Adobe InDesign required. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisites: ART 124 and GDES 120 and CDTP 135 and CDTP 140 and CDTP 145

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/gdes/#GDES\\_132](http://catalog.jccc.edu/fall/coursedescriptions/gdes/#GDES_132))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82435 001 F2F	M-----	01:30-06:50 PM	08/18/14-12/12/14	LIB 314	Sabato S	18 of 18
	M-----	01:30-06:50 PM	08/18/14-12/12/14	LIB 346		

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Requirement: Department approval

82436 002 F2F	M-----	08:00-01:20 PM	08/20/14-12/12/14	LIB 342	Jones R	18 of 18
	M-----	08:00-01:20 PM	08/20/14-12/12/14	LIB 344		

Kansas Senate Bill SB 155

Requirement: Department approval

82438 003 F2F	-T-----	01:20-06:50 PM	08/19/14-12/12/14	LIB 314	Sabato S	18 of 18
	-T-----	01:20-06:50 PM	08/19/14-12/12/14	LIB 346		

Kansas Senate Bill SB 155

Requirement: Department approval

## GDES 140 - Technical Processes

This course covers digital prepress applications, scanning, image manipulation and color output devices. The transition from conventional to digital production will be covered. Analysis of output and file management and the understanding of proofing systems will be covered. Proper usage of peripheral equipment will be emphasized. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisites: PHOT 121 and CDTP 135 and CDTP 140 and CDTP 145

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/gdes/#GDES\\_140](http://catalog.jccc.edu/fall/coursedescriptions/gdes/#GDES_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82439 001 F2F	----F--	08:00-01:20 PM	08/22/14-12/12/14	LIB 342	Ashley D	18 of 18
	----F--	08:00-01:20 PM	08/22/14-12/12/14	LIB 344		

Kansas Senate Bill SB 155

Requirement: Department approval

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82440 002 F2F	M-----	08:00-01:20 PM	08/18/14-12/12/14	LIB 314	Nemer T	18 of 18
	M-----	08:00-01:20 PM	08/18/14-12/12/14	LIB 346		

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Requirement: Department approval

## GDES 230 - Drawing and Media Methods 3

This course will provide an understanding of the application of illustration to graphic design. Visual problem-solving processes acquired in Drawing and Media Methods 2 will be further developed through problems in image composition emphasizing expressive communication. Techniques in traditional and digital media are explored. This course is typically taught in the fall semester only. 6 hrs. integrated lecture/lab/wk.

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Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisites: GDES 131 and GDES 132 and GDES 134

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/gdes/#GDES\\_230](http://catalog.jccc.edu/fall/coursedescriptions/gdes/#GDES_230))

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CRN	Days	Time	Date	Location	Instructor	Seats Open
82441 001 F2F	--W----	01:30-06:50 PM	08/20/14-12/12/14	LIB 342	Coppess J	12 of 12
	--W----	01:30-06:50 PM	08/20/14-12/12/14	LIB 344		

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Kansas Senate Bill SB 155

Requirement: Department approval

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82442 002 F2F	M-----	01:30-06:50 PM	08/18/14-12/12/14	LIB 311	Hetler C	12 of 12
	M-----	01:30-06:50 PM	08/18/14-12/12/14	LIB 312		
	M-----	01:30-06:50 PM	08/18/14-12/12/14	LIB 313		

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Kansas Senate Bill SB 155

Requirement: Department approval

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82443 003 F2F	---R---	01:30-06:50 PM	08/21/14-12/12/14	LIB 314	Hetler C	12 of 12
	---R---	01:30-06:50 PM	08/21/14-12/12/14	LIB 346		

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Kansas Senate Bill SB 155

Requirement: Department approval

## GDES 231 - Advanced Typography

This course is a continuation of Layout Design. Emphasis will be on typographic solutions that explore verbal/visual messages. Projects include designs for publication, such as posters, brochures, packaging and graphic campaigns. Typography as a functional and experimental medium will be stressed. Design problem-solving for a diverse range of

specifications, including audience, client needs and budget constraints, are included. Traditional and digital tools will be incorporated to produce comprehensives. This course is typically offered in the fall semester only. Working knowledge of Macromedia Dreamweaver is required. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisite: GDES 134

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/gdes/#GDES\\_231](http://catalog.jccc.edu/fall/coursedescriptions/gdes/#GDES_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82444 001 F2F	-T-----	08:00-01:20 PM	08/19/14-12/12/14	LIB 342	Wilson N	16 of 16
	-T-----	08:00-01:20 PM	08/19/14-12/12/14	LIB 344		

Kansas Senate Bill SB 155

Requirement: Department approval

82445 002 F2F	---R---	08:00-01:20 PM	08/21/14-12/12/14	LIB 342	Wilson N	16 of 16
	---R---	08:00-01:20 PM	08/21/14-12/12/14	LIB 344		

Kansas Senate Bill SB 155

Requirement: Department approval

82446 003 F2F	-T-R---	07:00-09:45 PM	08/18/14-12/12/14	LIB 342	Jones R	16 of 16
	-T-R---	07:00-09:45 PM	08/18/14-12/12/14	LIB 344		

Kansas Senate Bill SB 155

Requirement: Department approval

## GDES 235 - Production Methods

This course will provide the fundamentals of preparing art for reproduction. Traditional camera-ready art techniques and digital prepress production methods will be emphasized. This course is typically offered in the fall semester only. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisites: GDES 134 and GDES 140

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/gdes/#GDES\\_235](http://catalog.jccc.edu/fall/coursedescriptions/gdes/#GDES_235))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82452 001 F2F	-T-----	08:00-01:20 PM	08/19/14-12/12/14	LIB 314	Coppess J	15 of 15
	-T-----	08:00-01:20 PM	08/19/14-12/12/14	LIB 346		

Kansas Senate Bill SB 155

Requirement: Department approval

82453	002 F2F	---R---	08:00-01:20 PM	08/21/14-12/12/14	LIB 314	Coppess J	15 of 15
		---R---	08:00-01:20 PM	08/21/14-12/12/14	LIB 346		

Kansas Senate Bill SB 155

Requirement: Department approval

82455	003 F2F	M-W----	07:00-09:45 PM	08/19/14-12/12/14	LIB 342	Stadler L	15 of 15
		M-W----	07:00-09:45 PM	08/19/14-12/12/14	LIB 344		

Kansas Senate Bill SB 155

Requirement: Department approval

## GDES 272 - Professional Preparation

This course will provide graphic design majors instruction in the organization and presentation of his or her work in a portfolio format of professional quality. A portfolio, digital portfolio archive, self promo, resume and business ensemble will be produced. Instruction in interviewing techniques and employment searches will also be provided. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisites: GDES 230 and GDES 231 and GDES 235 Prerequisite: The student must have completed all required studio courses in the graphic design program prior to the semester for which he or she is enrolling in this course or be co-enrolled in all fourth-semester studio courses.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/gdes/#GDES\\_272](http://catalog.jccc.edu/fall/coursedescriptions/gdes/#GDES_272))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
82456	001 F2F	M-----	01:30-06:50 PM	08/18/14-12/12/14	LIB 342	Wilson N	18 of 18
		M-----	01:30-06:50 PM	08/18/14-12/12/14	LIB 344		

Requirement: Department approval

## Geoscience

### GEOS 130 - General Geology

In this introductory course the students will survey the geologic processes that form and shape the earth over geologic time using the models of the rock cycle, the hydrologic cycle and the tectonic cycle. In the laboratory they will conduct hands-on activities designed to enhance and reinforce the geologic concepts they have studied. 4 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 5

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/geos/#GEOS\\_130](http://catalog.jccc.edu/fall/coursedescriptions/geos/#GEOS_130))

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
82240 001 F2F	M-W----	09:00-10:50 AM	08/18/14-12/12/14	CLB 405	Pinker R	24 of 24
	Lab M-W----	11:00-12:20 PM	08/18/14-12/12/14	CLB 411		
82241 002 F2F	-T-R---	10:00-11:50 AM	08/19/14-12/12/14	CLB 405	Beatty L	24 of 24
	Lab -T-R---	12:00-01:20 PM	08/19/14-12/12/14	CLB 411		
82242 003 F2F	-T-R---	06:00-07:50 PM	08/19/14-12/12/14	CLB 405	Pinker R	24 of 24
	Lab -T-R---	08:00-09:20 PM	08/19/14-12/12/14	CLB 411		

## GEOS 140 - Physical Geography

This course is a survey of the physical and environmental topics of geography, including the methods used to study them. The Earth as a system and the subsystems of the atmosphere, hydrosphere, lithosphere and biosphere constitute the major units of study. Students will acquire basic terminology that they will use to explain the earth, the atmosphere, the landscape, and the processes that occur on earth to change the landscape. Topics may include mapping with topographic maps and remote sensing; development and structure of the atmosphere; weather; water resources; climate; rock formation; mountain building; chemical and physical weathering; mass movement; soil formation; erosion, transportation and deposition by running water, wind, ice, currents, waves and tides; and the foundation that these processes build for the biosphere on earth. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/geos/#GEOS\\_140](http://catalog.jccc.edu/fall/coursedescriptions/geos/#GEOS_140))

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
82243 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CLB 412	Beatty L	28 of 28
82244 002 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CLB 412	Beatty L	28 of 28
82245 003 F2F	-T-R---	09:30-10:50 AM	08/19/14-12/12/14	CLB 412	Pinker R	28 of 28
82247 005 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	CLB 412	TBA	28 of 28

## GEOS 141 - Physical Geography Lab

Students in this course will practice their knowledge of physical geography through the collection and analysis of atmospheric data and the identification and interpretation of landforms and biological patterns as depicted on topographic maps and remotely sensed imagery. 4 hrs. lab/wk.

Credit Hours: 2

Prerequisite: Prerequisite or corequisite: GEOS 140 or the equivalent

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/geos/#GEOS\\_141](http://catalog.jccc.edu/fall/coursedescriptions/geos/#GEOS_141))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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Note: The lab topics are most closely aligned with GEOS 140 sections 001 and 002.

## GEOS 145 - World Regional Geography

In this introductory course, the student will first review the basic theories of the discipline of geography, the relationship of world population and resources and the factors affecting development. Next, the student will survey the major regions of the world to identify each region's distinguishing geographic characteristics, summarize its past development and explain the key issues affecting the region's future development. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/geos/#GEOS\\_145\)](http://catalog.jccc.edu/fall/coursedescriptions/geos/#GEOS_145)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
82249 001 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CLB 412	TBA	28 of 28
82250 002 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	CLB 412	TBA	28 of 28
82251 003 F2F	-T-R---	11:00-12:20 PM	08/19/14-12/12/14	CLB 412	TBA	28 of 28
82252 004 F2F	-T-R---	12:30-01:59 PM	09/02/14-12/12/14	CLB 412	TBA	12 of 12
82253 005 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	CLB 412	TBA	28 of 28
82254 400 MED	-----	-	08/18/14-12/12/14		TBA	28 of 28

Note: The course syllabus assignment schedule, part of the assignments, and other course materials will be made available through the Course Homepage or distributed through your JCCC student email. Please note, this is not an online course. Instructor will send an introductory email providing additional information about one week before the beginning of the course. Dvd's of the lectures are available for check-out through the library. Broadcast schedule, Tuesday 9-10am, Thursday 10-11am (repeat).

## GEOS 214 - Introduction to Teaching Math and Science I

This course allows math and science students to explore and develop an appreciation for teaching as a career. To support their learning, students will be introduced to the theory and practice that is necessary to design and deliver quality instruction. They will plan and implement lessons of an inquiry-based curriculum in an elementary classroom during the semester. MATH 214, ASTR 214, BIOL 214, CHEM 214, GEOS 214, PHYS 214 and PSCI 214 are the same course; enroll in only one. 1.25 hrs. lecture/wk.

Credit Hours: 1

Prerequisites: MATH 171 with a grade of "C" or higher OR appropriate score on the math placement test OR department approval

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/geos/#GEOS\\_214\)](http://catalog.jccc.edu/fall/coursedescriptions/geos/#GEOS_214)

CRN	Days	Time	Date	Location	Instructor	Seats Open
83000 100 F2F	M-----	03:00-04:15 PM	08/18/14-12/12/14	CLB 213	Rothrock K	24 of 24

## Health Care

### HC 101 - Introduction to Health Care Delivery

This course is an introduction to the health care delivery system with an overview of health careers and the roles and responsibilities of members of the health care team. Emphasis will be on how to work within a health care team, effective communication skills, professional safety and workplace skills, and legal and ethical rights and responsibilities of patients and health care workers. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/hc/#HC\\_101\)](http://catalog.jccc.edu/fall/coursedescriptions/hc/#HC_101)




CRN	Days	Time	Date	Location	Instructor	Seats Open
82346 001 HYB	-T-----	09:30-10:45 AM	08/19/14-12/09/14	SCI 218	Summers S	20 of 20
	-----	-	08/19/14-12/09/14	Online		
82355 002 HYB	-T-----	11:00-12:15 PM	08/19/14-12/12/14	SCI 218	Summers S	20 of 20
	-----	-	08/19/14-12/12/14	Online		
82356 376 F2F	M-W----	07:00-09:50 PM	10/13/14-12/07/14	CLB 111	Summers S	20 of 20

### HC 130 - Medical Terminology for Healthcare Professions

This course will introduce the student to a systematic method for learning, understanding and applying medical terminology. The course will provide an overview regarding the development of medical terms; and, outline medical terminology pertaining to each of the body systems; selected illnesses; diagnostic procedures and pharmacology. This course is designed for the student who is interested in any facet of the healthcare industry; and, is a required course for several certificate programs. Some portions of this course will require computer utilization and independent online work. There will be two to three mandatory meet times per week. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/hc/#HC\\_130\)](http://catalog.jccc.edu/fall/coursedescriptions/hc/#HC_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82424 103 F2F	-----S-	09:00-12:00 PM	08/16/14-12/06/14	 OHEC 217	Neubauer P	26 of 26
Kansas Senate Bill SB 155						
82428 376 HYB	M-----	08:30-10:00 AM	08/18/14-12/08/14	 OHEC 217	Laughlin M	26 of 26
	-----	-	08/18/14-12/08/14	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						
82459 377 HYB	M-----	10:30-12:00 PM	08/18/14-12/08/14	 OHEC 217	Laughlin M	26 of 26
	-----	-	08/18/14-12/08/14	Online		

Kansas Senate Bill SB 155  
Mandatory Classroom Meetings

82469	378 HYB	M-----	01:00-02:30 PM	08/18/14-12/08/14	OHEC 217	Laughlin M	26 of 26
		-----	-	08/18/14-12/08/14	Online		

Mandatory Classroom Meetings  
Kansas Senate Bill SB 155

82479	379 HYB	M-----	06:00-07:30 PM	08/18/14-12/08/14	CC 314	Merchant A	26 of 26
		-----	-	08/18/14-12/08/14	Online		

Mandatory Classroom Meetings  
Kansas Senate Bill SB 155

82487	380 HYB	-T-----	06:00-07:30 PM	08/19/14-12/09/14	CC 318	Merchant A	26 of 26
		-----	-	08/19/14-12/09/14	Online		

Kansas Senate Bill SB 155  
Mandatory Classroom Meetings

82491	381 HYB	---R---	06:00-07:30 PM	08/21/14-12/11/14	CC 321	Merchant A	26 of 26
		-----	-	08/21/14-12/11/14	Online		

Kansas Senate Bill SB 155  
Mandatory Classroom Meetings

## Health Care Interpreting

### HCI 110 - Introduction to Interpreting

This course provides a practical and theoretical introduction to the field of bilingual interpreting. Students will study interpreter roles and skills, modes of interpreting and translating, ethical issues, professional standards of practices, cultural competence and applied linguistics. Upon completion, students should have a strong foundation of knowledge regarding the profession of interpreting and should be ready for specific skills training. This course is taught in English. 3 hrs. lecture/wk. This course is taught in the fall semester only.

Credit Hours: 3

Associated Costs: \$20

Prerequisites: Interview and permission of the facilitator. Potential indicators of proficiency may be required.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hci/#HCI\\_110](http://catalog.jccc.edu/fall/coursedescriptions/hci/#HCI_110))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
82320	001 F2F	-T-R---	05:30-06:55 PM	08/19/14-12/12/14	KCO	Groneman B	12 of 12

Kansas Senate Bill SB 155

Note: This class will meet in the instructor's office at KU Medical Center, CRC 1100. Contact Brooke Groneman for more information at [bgronema@jccc.edu](mailto:bgronema@jccc.edu).

Requirement: Department approval


## HCI 120 - Interpreting Skills I

This course develops students' skills in sight translation and consecutive interpreting. Listening and memory skills, communication strategies and intervention techniques also are emphasized. Upon completion, students should be able to sight translate short written texts and consecutively interpret non-technical, interactive messages between Spanish and English. This course is taught in English with some Spanish terminology and practice. 2 hrs. lecture/wk. This course is taught in the fall semester only.

Credit Hours: 3

Prerequisite or corequisite: HCI 110 with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hci/#HCI\\_120](http://catalog.jccc.edu/fall/coursedescriptions/hci/#HCI_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82321 001 F2F	-T-R---	07:00-08:25 PM	08/19/14-12/12/14	 KCO	Groneman B	12 of 12

Kansas Senate Bill SB 155

Note: This class will meet in the instructor's office at KU Medical Center, CRC 1100. Contact Brooke Groneman for more information at [bgronema@jccc.edu](mailto:bgronema@jccc.edu).

## HCI 180 - Medical Interpreting Practicum


Students will observe and interpret at assigned medical facilities, participate in organized class discussions about their interpreting experiences and develop a personal philosophy of interpreting. Both classroom meetings and fieldwork are required for this class. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee. 2 hrs. lecture/wk.

Credit Hours: 2

Associated Costs: \$20

Prerequisites: HCI 130 with a grade of "C" or higher and HCI 140 with a grade of "C" or higher and Prerequisite or corequisite: HC 101 with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hci/#HCI\\_180](http://catalog.jccc.edu/fall/coursedescriptions/hci/#HCI_180))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82323 500 INT	-T-----	04:30-05:25 PM	08/19/14-12/12/14	 KCO	Groneman B	12 of 12

Kansas Senate Bill SB 155

Note: This class will meet in the instructor's office at KU Medical Center, CRC 1100. Contact Brooke Groneman for more information at [bgronema@jccc.edu](mailto:bgronema@jccc.edu).

Requirement: Department approval

## HCIS 230 - Introduction to Health Information Systems

This course provides an overview of the major concepts of health information systems for individuals with backgrounds in information technology (IT) or healthcare who are considering a transition into health information systems. 2 hrs. lecture/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 4928 for approval.

Credit Hours: 2

Prerequisite: Department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS\\_230](http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82473 350 ONLINE	-----	-	08/18/14-09/22/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155						
82475 351 ONLINE	-----	-	09/29/14-10/27/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155						
82476 376 HYB	-T-----	06:00-08:50 PM	08/19/14-09/16/14	RC 185	TBA	15 of 15
	-----	-	08/19/14-09/16/14	Online		

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

## HCIS 255 - Introduction to Information and Computer Science

This course provides a basic overview of computing concepts with periodic ties to the healthcare sector. Topics include computing terms; computer architecture; data organization, representation, and structure; structure of programming languages; and networking and data communication. The design and development of a large computing system, such as one for an electronic health record, is also discussed. 2 hrs. lecture/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 4928 for approval.

Credit Hours: 2

Prerequisite: Department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS\\_255](http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS_255))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82477 350 ONLINE	-----	-	08/18/14-09/22/14	Online	TBA	15 of 15

82478	351	ONLNE	-----	-	09/29/14-10/27/14	Online	TBA	15 of 15
82482	353	ONLNE	-----	-	11/03/14-12/01/14	Online	TBA	15 of 15

## HCIS 261 - Networking and Health Information Exchange

This course provides an in-depth analysis of data mobility. The hardware infrastructure (wired, wireless, and devices supporting them), the International Organization for Standards (ISO) stack, standards, Internet protocols, federations and grids, the Nationwide Health Information Network (NHIN), and other nationwide approaches are discussed. 2 hrs. lecture/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 4928 for approval.

Credit Hours: 2

Prerequisite: Department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS\\_261](http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS_261))

CRN		Days	Time	Date	Location	Instructor	Seats Open	
82483	350	ONLNE	-----	-	09/30/14-10/28/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155								
82484	376	HYB	-T-----	06:00-08:50 PM	09/30/14-10/28/14	RC 185	TBA	15 of 15
			-----	-	09/30/14-10/28/14	Online		
Mandatory Classroom Meetings								
Kansas Senate Bill SB 155								

## HCIS 262 - Customer Service in the Health Environment

This course introduces the skills necessary to communicate effectively across the full range of roles that will be encountered in healthcare and public health settings. Appropriate customer service skills, effective written and oral communication, and ethical and cultural awareness are emphasized. 2 hrs. lecture/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 4928 for approval.

Credit Hours: 2

Prerequisite: Department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS\\_262](http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS_262))

CRN		Days	Time	Date	Location	Instructor	Seats Open	
82486	350	ONLNE	-----	-	08/18/14-09/22/14	Online	Brooks L	15 of 15
82489	351	ONLNE	-----	-	08/18/14-09/22/14	Online	Brooks L	15 of 15

## HCIS 263 - Working with Health Information Technology Systems

This course provides an opportunity to work with a real or simulated health information technology (HIT) system. Course topics include information exchange and standards as well as system usability, security, and integration. 2 hrs. lecture/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 4928 for approval.

Credit Hours: 2

Prerequisite: Department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS\\_263](http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS_263))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82490 350 ONLINE	-----	-	08/20/14-09/17/14	Online	Lingerfelt D	15 of 15
Kansas Senate Bill SB 155						
82495 376 HYB	--W----	06:00-08:50 PM	08/20/14-09/17/14	RC 185	Lingerfelt D	15 of 15
Kansas Senate Bill SB 155						
Mandatory Classroom Meetings						

## HCIS 264 - Configuring Electronic Health Records

This course addresses configuring electronic health records (EHRs) to meet the specific needs of customers. Topics also include system selection, implementation, and meaningful use. 2 hrs. lecture/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 4928 for approval.

Credit Hours: 2

Prerequisite: Department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS\\_264](http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS_264))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82496 350 ONLINE	-----	-	09/24/14-10/22/14	Online	Lingerfelt D	15 of 15
Kansas Senate Bill SB 155						
82497 376 HYB	--W----	06:00-08:50 PM	09/24/14-10/22/14	RC 185	Lingerfelt D	15 of 15
	-----	-	09/24/14-10/22/14	Online		
Mandatory Classroom Meetings						
Kansas Senate Bill SB 155						

## HCIS 265 - Installation and Maintenance of Health IT Systems

This course covers the installation and maintenance of health information technology (HIT) systems, including testing prior to implementation. It introduces principles underlying system configuration and helps students plan system installation. 2 hrs. lecture/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 4928 for approval.

Credit Hours: 2

Prerequisite: Department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS\\_265](http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS_265))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82498 350 ONLINE	-----	-	11/05/14-12/03/14	Online	Lingerfelt D	15 of 15
82499 376 HYB	--W----	06:00-08:50 PM	11/05/14-12/03/14	RC 185	Lingerfelt D	15 of 15
	-----	-	11/05/14-12/03/14	Online		

Mandatory Classroom Meetings

## HCIS 267 - EHR Design, Functionality, and Usability

This course discusses human factors associated with designing and implementing health information systems. Concepts of usability and the effects of new technology and workflow redesign on downstream processes such as clinical decision support will be covered. This course provides an overview of the most utilized electronic health systems. System features are evaluated and compared as they would relate to practical deployments. Key factors such as cost, licensing, and staffing are also discussed.

Credit Hours: 3

Prerequisite: Department Approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS\\_267](http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS_267))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82500 350 ONLINE	-----	-	08/18/14-10/13/14	Online	TBA	15 of 15
82501 376 HYB	M-----	06:00-08:50 PM	08/18/14-10/13/14	RC 185	TBA	15 of 15
	-----	-	08/18/14-10/13/14	Online		

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

Requirement: Department approval



## HCIS 271 - The Culture of Health Care

This course introduces students to job expectations in healthcare settings. Topics also include the organization of care inside a practice setting, privacy laws, and professional and ethical issues. 2 hrs. lecture/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 4928 for approval.

Credit Hours: 2

Prerequisite: Department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS\\_271](http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82447 350 ONLNE	-----	-	09/30/14-10/28/14	Online	Brooks L	15 of 15
82449 351 ONLNE	-----	-	09/30/14-10/28/14	Online	Brooks L	15 of 15
82451 376 HYB	-T-----	10:00-12:50 PM	09/30/14-10/28/14	RC 185	Brooks L	15 of 15
	-----	-	09/30/14-10/28/14	Online		

## HCIS 272 - Terminology in Health Care Settings

This course introduces students to terminology and clinical procedures associated with body systems. It also covers terminology related to health information management (HIM), health information technology (HIT), and public health. 2 hrs. lecture/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 4928 for approval.

Credit Hours: 2

Prerequisite: Department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS\\_272](http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS_272))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82461 350 ONLNE	-----	-	08/18/14-09/22/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155						
82462 351 ONLNE	-----	-	09/29/14-10/27/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155						
82463 352 ONLNE	-----	-	11/03/14-12/01/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155						

## HCIS 273 - Quality Improvement

This course introduces the concepts of health information technology (HIT) and practice workflow redesign as instruments of quality improvement (QI). Students will learn methods to establish a culture that supports increased quality and safety. Approaches to assessing patient safety issues and implementing quality management and reporting through electronic systems will be discussed. 2 hrs. lecture/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 4928 for approval.

Credit Hours: 2

Prerequisite: Department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS\\_273](http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS_273))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82464 350 ONLINE	-----	-	11/04/14-12/02/14	Online	Brooks L	15 of 15
Kansas Senate Bill SB 155						
82466 376 HYB	-T-----	06:00-08:50 PM	11/04/14-12/02/14	RC 185	Brooks L	15 of 15
	-----	-	11/04/14-12/02/14	Online		

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

## HCIS 274 - Healthcare Workflow Process Analysis and Redesign

This course introduces health workflow process analysis and redesign as a necessary component of complete practice automation. The topics of process validation and change management are also covered. 2 hrs. lecture/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 4928 for approval.

Credit Hours: 2

Prerequisite: Department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS\\_274](http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS_274))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82468 350 ONLINE	-----	-	08/21/14-09/18/14	Online	Brooks L	15 of 15
Kansas Senate Bill SB 155						
82470 376 HYB	---R---	06:00-08:50 PM	08/21/14-09/18/14	RC 185	Brooks L	15 of 15
	-----	-	08/21/14-09/18/14	Online		

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

## HCIS 275 - Health Information Systems

This course addresses concepts of information systems specific to healthcare and public health applications. Students will be introduced to health information technology (HIT) standards, health-related data structures, software applications, and enterprise information architecture in healthcare and public health organizations. 2 hrs. lecture/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 4928 for approval.

Credit Hours: 2

Prerequisite: Department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS\\_275](http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS_275))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82471 350 ONLINE	-----	-	10/02/14-10/30/14	Online	Brooks L	15 of 15
Kansas Senate Bill SB 155						
82472 376 HYB	---R---	06:00-08:50 PM	10/02/14-10/30/14	RC 185	TBA	15 of 15
	-----	-	10/02/14-10/30/14	Online		
Kansas Senate Bill SB 155						
Optional Classroom Meetings						

## HCIS 277 - Training and Instructional Design

This course provides participants with essential knowledge and skills to deliver training to adult learners implementing electronic health records (EHRs) in a variety of healthcare settings. The Instructional Systems Design (ISD) model which includes analysis of the learner and learning environment, design and development of customized education, implementation of the training plan, and evaluation of the training program effectiveness will be used. 2 hrs lecture/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 4928 for approval.

Credit Hours: 2

Prerequisite: Department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS\\_277](http://catalog.jccc.edu/fall/coursedescriptions/hcis/#HCIS_277))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82679 350 ONLINE	-----	-	11/06/14-12/11/14	Online	TBA	15 of 15
Kansas Senate Bill SB 155						
82680 376 HYB	---R---	06:00-08:50 PM	11/06/14-12/11/14	RC 185	TBA	15 of 15

## History

### HIST 125 - Western Civilization: Readings and Discussion I

The course explores the major developments, ideas and personalities that have shaped Western civilization. Organized around a readings and discussion format, students engage some of the world's most provocative and influential literature. Western Civilization I begins with the ancient cultures of the Middle East, Greece and Rome and follows the development of Western thought from the medieval period to the Renaissance and Reformation. 3 hrs. lecture/wk. It is not necessary to take HIST 125 before HIST 126.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/hist/#HIST\\_125\)](http://catalog.jccc.edu/fall/coursedescriptions/hist/#HIST_125)

[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81409 001 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	GEB 279	Hembree M	25 of 25
81410 002 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	GEB 279	Hembree M	25 of 25
81411 003 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	GP 102	Stockton W	25 of 25
81412 004 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	GP 102	Stockton W	25 of 25
81413 005 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	OCB 144	Stockton W	25 of 25
81414 006 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	PA 145	Roberts M	25 of 25

### HIST 126 - Western Civilization: Readings and Discussion II

The course explores the major developments, ideas and personalities that, for the past 500 years, have shaped Western civilization. Organized around a readings and discussion format, the course allows students to engage some of the world's most provocative and influential literature. Western Civilization II begins with the three revolutions that define modernity the Scientific, French, and Industrial. The course also highlights the new ideologies of the 19th century and more recent themes of modernization and the cultural crisis of the 20th century. 3 hrs. lecture/wk. It is not necessary to take HIST 125 before HIST 126. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/hist/#HIST\\_126\)](http://catalog.jccc.edu/fall/coursedescriptions/hist/#HIST_126)

[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81416 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	OCB 144	Harward S	25 of 25
81417 002 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	GP 102	Harward S	25 of 25

81418	003 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	OCB 144	Murtaugh D	25 of 25
81419	201 F2F	M-----	06:00-09:00 PM	09/08/14-12/12/14	GEB 213	Murtaugh D	25 of 25
81420	202 F2F	-T-----	06:00-09:00 PM	09/02/14-12/12/14	GEB 279	Murtaugh D	25 of 25

## HIST 129 - Early Modern Europe 1500-1789

This course is an introduction to early modern European history, with emphasis on the economic, social and political developments that have shaped the modern world: the Renaissance; the Catholic and Protestant Reformations; the rise of nation-states; the new inter-cultural contact between Europe and the world; the Commercial Revolution and the Enlightenment. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hist/#HIST\\_129](http://catalog.jccc.edu/fall/coursedescriptions/hist/#HIST_129))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
81421	001 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	GEB 279	Hembree M	32 of 32

## HIST 132 - History of Africa

This course introduces students to the history of Africa until the present. It emphasizes the fundamental characteristics and long-term developments in the evolution of African political and socioeconomic institutions. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hist/#HIST\\_132](http://catalog.jccc.edu/fall/coursedescriptions/hist/#HIST_132))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
81422	001 F2F	--W----	06:00-09:00 PM	08/20/14-12/12/14	GEB 279	Lewin T	32 of 32

## HIST 135 - Eastern Civilization

This course is an introduction to the societies and cultures of Asia. Through lectures, readings and discussions, the course will focus on aspects of the history, politics, art, literature and economics of China, Japan and India. The major traditional themes and concepts of these civilizations will be stressed. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hist/#HIST\\_135](http://catalog.jccc.edu/fall/coursedescriptions/hist/#HIST_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
81423	001 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	GEB 213	Harward S	34 of 34

## HIST 137 - African American Studies

This course surveys the major themes and developments in African-American culture and history from the colonial period to the present. The course is divided into three five-week segments. Each segment relates to a historical period: slave, post-emancipation and contemporary. Each segment also permits a flexible, interdisciplinary approach that will include literature, fine arts and the social sciences. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hist#HIST\\_137](http://catalog.jccc.edu/fall/coursedescriptions/hist#HIST_137))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81425 001 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	CC 344	Williams C Leiker J	35 of 35

## HIST 140 - U.S. History to 1877

This survey course in U.S. history will emphasize developments and trends in American society from the early period of discovery and settlement through Reconstruction. Topics will include the Colonial era, the Revolutionary period, the Federalist era, the expansion of the Republic during the mid-19th century, and the Civil War and Reconstruction. The emphasis will be on analysis and interpretation of these developments. 3 hrs. lecture/wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hist#HIST\\_140](http://catalog.jccc.edu/fall/coursedescriptions/hist#HIST_140))

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
81426 001 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	CC 126A	Taylor D	35 of 35
81427 002 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CC 126A	Edwards T	35 of 35
81428 003 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CC 126A	Edwards T	35 of 35
81429 004 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	GEB 279	Clark V	32 of 32
81430 005 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	CC 126B	Boyle S	35 of 35
81431 006 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	CC 126A	Edwards T	35 of 35
81432 007 F2F	M-W-F--	02:00-02:50 PM	08/18/14-12/12/14	CC 126A	Edwards T	35 of 35
81433 008 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	CC 126A	Harvey D	35 of 35
81434 009 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CC 126A	Harvey D	35 of 35
81435 010 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CC 126A	Harvey D	35 of 35
81436 011 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CC 126A	Walker B	35 of 35

81437	012 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	CC 126A	Walker B	35 of 35
81439	013 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	CC 126A	Niermann T	35 of 35
81438	202 F2F	--W----	06:00-09:00 PM	09/01/14-12/12/14	CC 126A	Helgesen V	35 of 35
81440	350 ONLNE	-----	-	08/18/14-12/12/14	Online	Boyle S	25 of 25
81441	351 ONLNE	-----	-	08/18/14-12/12/14	Online	Boyle S	25 of 25
81442	352 ONLNE	-----	-	08/18/14-12/12/14	Online	Mack J	25 of 25
81443	353 ONLNE	-----	-	08/18/14-12/12/14	Online	Mack J	25 of 25
81542	354 ONLNE	-----	-	08/18/14-12/12/14	Online	Boyle S	25 of 25
81729	355 ONLNE	-----	-	08/18/14-12/12/14	Online	Boyle S	25 of 25

## HIST 141 - U.S. History Since 1877

This survey course will emphasize developments and trends in American society from the 1870s to the late twentieth century. Topics will include the Reconstruction era, industrialization, immigration, reform movements, World Wars I and II, social and cultural trends, and foreign policy. Emphasis will be on analysis and interpretation of these developments. 3 hrs. lecture/wk. This course may be offered as a Learning Communities (LCOM) section; see current credit schedule for LCOM details.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hist/#HIST\\_141](http://catalog.jccc.edu/fall/coursedescriptions/hist/#HIST_141))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
81444	001 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	CC 126B	Rider J	35 of 35
81445	002 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CC 126B	Leiker J	35 of 35
81446	003 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CC 126B	Leiker J	35 of 35
81448	004 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CC 126B	Boyle S	35 of 35
81447	005 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	CC 126A	McWilliams R	35 of 35
81449	006 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	CC 126B	McWilliams R	35 of 35
81450	007 F2F	M-W-F--	02:00-02:50 PM	08/18/14-12/12/14	GEB 279	Rider J	32 of 32
81451	008 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	CC 126B	Dobson P	35 of 35
81452	009 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CC 126B	Walker B	35 of 35
81453	010 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CC 126B	Dobson P	35 of 35
81454	011 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CC 126B	Schloss R	35 of 35
81455	012 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	CC 126B	Schloss R	35 of 35
81456	013 F2F	-T-R---	03:30-04:45 PM	08/19/14-12/12/14	CC 126B	Schloss R	35 of 35
81457	014 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	CC 126B	Taylor D	35 of 35

81458	015 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	CC 126B	TBA	35 of 35
81459	016 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	CC 126B	Taylor D	35 of 35
81504	017 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	GEB 242	Antle J	50 of 50
Co-requisite to enroll in ENGL 121 (CRN 80132)							
81730	018 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	GEB 342	Antle J	35 of 35
81460	350 ONLNE	-----	-	08/18/14-12/12/14	Online	Mischka S	25 of 25
81461	351 ONLNE	-----	-	08/18/14-12/12/14	Online	Mischka S	25 of 25
81462	352 ONLNE	-----	-	08/18/14-12/12/14	Online	Dobson P	25 of 25
81463	353 ONLNE	-----	-	08/18/14-12/12/14	Online	Mischka S	25 of 25
82398	354 ONLNE	-----	-	08/18/14-12/12/14	Online	Clark V	25 of 25

## HIST 143 - Ancient Greece, the Near East and Egypt

This course will present the background to the rise of Ancient Greece by examining first its Near-Eastern and Egyptian predecessors. Then it will examine Greece's historical development from the early Aegean phase through its Dark, Archaic, classical and Hellenistic phases. In addition to political, military, and social and economic developments, Greek literature and art will also be highlighted. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hist/#HIST\\_143](http://catalog.jccc.edu/fall/coursedescriptions/hist/#HIST_143))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
81464	001 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	OCB 144	Stockton W	26 of 26

## HIST 149 - History of India

This course is a broad and thematic introduction to the history of India. The course covers Indian culture and civilizations from the ancient Indus River Valley Civilization to the present nation state of India. Multiple modes of inquiry and source materials are important for historical analysis, and this course considers literature, art, architecture and other forms of cultural aesthetics in relation to political, economic, material, and religious developments. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hist/#HIST\\_149](http://catalog.jccc.edu/fall/coursedescriptions/hist/#HIST_149))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
81465	350 ONLNE	-----	-	08/18/14-12/12/14	Online	Boucher D	25 of 25

## HIST 151 - World History I: Traditional World



This course provides students an introduction to the history of the major world civilizations up to approximately 1500. Upon successful completion of the course, students will be able to identify the major political, social, economic and technical developments in the histories of Egypt, Mesopotamia, other Near Eastern civilizations, Rome, Greece, India, China, sub-Saharan Africa, pre-Columbian America and medieval Europe. Students will be able to define the concept of a traditional, as opposed to a modern, society. They will be able to compare these societies with each another and with the modern society of the contemporary United States. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hist#HIST\\_151](http://catalog.jccc.edu/fall/coursedescriptions/hist#HIST_151))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81466 001 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	GEB 213	Rider J	34 of 34
81467 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Hembree M	25 of 25

## HIST 160 - Modern Russian History

This course examines Russian history within a Eurasian context. It is a study of three centuries of the social, political, economic and cultural forces that shaped Russian history, beginning with a survey of the events that place Russia outside the Western historical tradition. 3 hrs. lecture/ wk. Usually this course is offered in the fall semester either on-campus or online. This course may be offered as a Learning Communities (LCOM) section; see current credit schedule for LCOM details.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hist#HIST\\_160](http://catalog.jccc.edu/fall/coursedescriptions/hist#HIST_160))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81468 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Mack J	25 of 25

## HIST 162 - Modern Latin America

This course is an examination of the economic, social, political and cultural history of Latin America since independence. Regional identities, such as Central America, and independent national states, such as Cuba and Mexico, are explored. Literary and intellectual trends, together with contemporary popular culture, are featured in the course. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hist#HIST\\_162](http://catalog.jccc.edu/fall/coursedescriptions/hist#HIST_162))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81469 001 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	GP 101	Gorell R	25 of 25

## HIST 167 - Introduction to History: Japan

This course will provide an introduction to Japan from the earliest period of human settlement on the Japanese archipelago to the present. In so doing, it will explore political, economic, social, cultural and religious developments. Such an exploration will be useful for the further study of East Asian and Japanese history, as well as other aspects of Japanese language and cultural study. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hist/#HIST\\_167](http://catalog.jccc.edu/fall/coursedescriptions/hist/#HIST_167))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81470 001 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	GEB 279	Clark V	32 of 32

## HIST 180 - North American Indigenous Peoples History

This course surveys the major themes of the history of Indigenous peoples in North America from the emergence of human life on the continent through the present. Topics include Indigenous life prior to European migration, colonialism, adaptation and resistance to European and American expansion, and efforts to maintain sovereignty. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hist/#HIST\\_180](http://catalog.jccc.edu/fall/coursedescriptions/hist/#HIST_180))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81471 001 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CC 126A	Edwards T	35 of 35

## HIST 250 - American West

This course is designed to familiarize students with the cultural, geographical, and historical context of the Trans-Mississippi West. Students will explore through three conceptual lenses: as region, a specific place defined by unique physical characteristics; as frontier, a mobile line of settlement; and as a perception, a set of mythic stories and images that attempt to convey national morals and values. Special attention is paid to the ethnic and racial diversity of the region, and to the major historical changes from pre-European contact to the present. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hist/#HIST\\_250](http://catalog.jccc.edu/fall/coursedescriptions/hist/#HIST_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81472 001 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	GP 101	Leiker J	25 of 25

## HIST 292 - Special Topics:

This course periodically offers specialized or advanced discipline-specific content related to the study of history, not usually taught in the curriculum, to interested and qualified students within the program.

Credit Hours: 3

Prerequisite or corequisite: HIST 125 or HIST 126 or HIST 140 or HIST 141 with a grade of C or higher.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hist/#HIST\\_292](http://catalog.jccc.edu/fall/coursedescriptions/hist/#HIST_292))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82677 201 F2F	-T-R---	12:30-01:55 PM	09/02/14-12/12/14	GP 102	Harvey D	25 of 25

Special Topics: American Revolution

Note: To obtain department approval, e-mail Vin Clark, Chair of History. [vclark@jccc.edu](mailto:vclark@jccc.edu) (please include your JCCC student ID number)

Requirement: Department approval


## Home Economics

### HMEC 151 - Nutrition and Meal Planning

This course covers the basic food groups, their use in meal planning, their functions and their nutritional values. In addition to the current trends in eating, this course covers diets and exercise, as well as fad diets, life-cycle nutritional needs, and the effects of nutrient intake on growth and development. This is a required course for the food and beverage program and the chef apprenticeship program. 3 hrs. lecture/wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmec/#HMEC\\_151](http://catalog.jccc.edu/fall/coursedescriptions/hmec/#HMEC_151))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80750 001 F2F	--W----	12:00-02:50 PM	08/20/14-12/12/14	HCA 117	Tripe J	24 of 24
Kansas Senate Bill SB 155						
80758 002 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	HCA 119	Moseley H	24 of 24
Kansas Senate Bill SB 155						
80761 003 F2F	--W----	06:00-08:50 PM	09/03/14-12/12/14	 LCS 10	Tripe J	20 of 20
Kansas Senate Bill SB 155						
82863 004 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	HCA 117	Moseley H	24 of 24
Kansas Senate Bill SB 155						
80768 005 F2F	-T-----	12:00-02:50 PM	08/19/14-12/12/14	HCA 117	Tripe J	24 of 24
Kansas Senate Bill SB 155						

80763 350 ONLINE ----- - 08/18/14-12/12/14 Online Page A 22 of 22

Kansas Senate Bill SB 155

80766 351 ONLINE ----- - 08/18/14-12/12/14 Online Page A 22 of 22

Kansas Senate Bill SB 155

## Hospitality Management

Missouri residents, see Reverse Cooperative Information (<http://www.jccc.edu/cooperative/cooperative-mcc-residents.html>)




### HMGT 120 - Food Service Sanitation

This course covers the basic principles of providing and serving safe food. It also provides the student with safe food-handling procedures necessary to manage a sanitary and safe food service operation in compliance with the National Food code and the National Restaurant Association. The successful completion of the Serv Safe Sanitation exam will result in a national sanitation certification. 1 hr. lecture/wk.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_120\)](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_120)

[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80462 002 F2F	--W----	12:30-02:20 PM	08/20/14-10/12/14	 LCS 08	Gray J	24 of 24
Kansas Senate Bill SB 155						
80463 003 F2F	--W----	12:30-02:20 PM	10/15/14-12/07/14	 LCS 08	Gray J	24 of 24
Kansas Senate Bill SB 155						
80464 004 F2F	M-----	04:00-05:50 PM	08/18/14-10/12/14	HCA 145	Gray J	35 of 35
Kansas Senate Bill SB 155						
80465 005 F2F	M-----	04:00-05:50 PM	10/13/14-12/07/14	HCA 145	Gray J	35 of 35
Kansas Senate Bill SB 155						
82793 006 F2F	--W----	08:30-10:20 AM	08/20/14-10/12/14	 LCS 08	Gray J	24 of 24
Kansas Senate Bill SB 155						
82883 007 F2F	-T-----	10:00-11:50 AM	08/19/14-10/12/14	HCA 145	Gray J	35 of 35
Kansas Senate Bill SB 155						
82884 008 F2F	-T-----	10:00-11:50 AM	10/14/14-12/07/14	HCA 145	Gray J	35 of 35
Kansas Senate Bill SB 155						
80502 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Slettedal S	22 of 22
Kansas Senate Bill SB 155						

80503 351 ONLINE ----- - 08/18/14-12/12/14 Online Slettedal S 22 of 22

Kansas Senate Bill SB 155

80504 352 ONLINE ----- - 08/18/14-12/12/14 Online Slettedal S 22 of 22

Kansas Senate Bill SB 155

## HMGT 121 - Perspectives of Hospitality Management

This introductory course is designed to provide students with current information on topics relevant to career exploration, employment and operational specifics of the various segments of the hospitality industry. The course includes exploration of the tourism, lodging, food and beverage and related industries, along with the operational characteristics unique to each and the critical concepts of service management. The identification of current events and trends will be included along with the evaluation of impact on the hospitality industry. This course also identifies and explores career opportunities and includes the professional profiles and job search materials directly related to the hospitality industry. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$25 to 50

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_121](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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80521 001 F2F	M-----	12:00-02:50 PM	08/18/14-12/12/14	HCA 150	Gray J	35 of 35
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Kansas Senate Bill SB 155

80522 002 F2F	-T-----	12:00-02:50 PM	08/19/14-12/12/14	HCA 145	Slettedal S	35 of 35
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Kansas Senate Bill SB 155

80523 003 F2F	--W----	09:00-11:50 AM	08/20/14-12/12/14	HCA 145	Slettedal S	35 of 35
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Kansas Senate Bill SB 155

80526 005 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	HCA 145	Gray J	35 of 35
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Kansas Senate Bill SB 155

82882 006 F2F	--W----	03:00-05:50 PM	08/20/14-12/12/14	 LCS 08	Gray J	24 of 24
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Kansas Senate Bill SB 155

## HMGT 123 - Professional Cooking I

This is the first of two courses in professional cooking methods for students enrolled in hospitality management programs. Upon completion of this course, the student should be able to demonstrate skills in basic cooking methods, recipe conversion, and professional food preparation and handling. Additionally, the student should be able to safely operate common food service equipment used in commercial kitchens. 3.5 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$50 to 200

## Prerequisite or Corequisite: HMGT 120

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_123](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80536 001 F2F	M-----	08:00-11:30 AM	08/18/14-12/12/14	HCA 140	Walline T	16 of 16
Kansas Senate Bill SB 155						
80537 002 F2F	M-----	01:00-04:30 PM	08/18/14-12/12/14	HCA 140	Prater A	16 of 16
Kansas Senate Bill SB 155						
80538 003 F2F	-T-----	08:00-11:30 AM	08/19/14-12/12/14	HCA 140	Smith D	16 of 16
Kansas Senate Bill SB 155						
80539 004 F2F	-T-----	01:00-04:30 PM	08/19/14-12/12/14	HCA 140	Prater A	16 of 16
Kansas Senate Bill SB 155						
80540 005 F2F	--W----	08:00-11:30 AM	08/20/14-12/12/14	HCA 140	Smith D	16 of 16
Kansas Senate Bill SB 155						
80541 006 F2F	--W----	01:00-04:30 PM	08/20/14-12/12/14	HCA 140	Marcellus J	16 of 16
Kansas Senate Bill SB 155						
80542 007 F2F	M-----	06:00-09:30 PM	08/18/14-12/12/14	HCA 140	Adel E	16 of 16
Kansas Senate Bill SB 155						
80543 008 F2F	-T-----	06:00-09:30 PM	08/19/14-12/12/14	HCA 140	Marcellus J	16 of 16
Kansas Senate Bill SB 155						
80544 009 F2F	--W----	06:00-09:30 PM	08/20/14-12/12/14	HCA 140	Prater A	16 of 16
Kansas Senate Bill SB 155						

## HMGT 126 - Food Management

This course offers an overview of restaurant management practices used in the hospitality industry. Emphasis will be on demonstrating the components of menu planning and the styles of food service used for various occasions -- buffet service and French, Russian and American service. The student will participate in the operation of the campus restaurant, including food preparation, service, sales promotion, purchasing and costing. 9 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisites: HMGT 123 and HGMT 230 and HMGT 277 and admission to the hospitality management program

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_126](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_126))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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80549 001 F2F	--W----	08:00-09:50 AM	08/20/14-12/12/14	HCA 148	Adel E	18 of 18
	--W----	08:00-09:50 AM	08/20/14-12/12/14	HCA 150		
	---R---	08:00-03:00 PM	08/21/14-12/12/14	HCA 148		
	---R---	08:00-03:00 PM	08/21/14-12/12/14	HCA 150		

Kansas Senate Bill SB 155

## HMGT 128 - Supervisory Management

This course contains the basic supervisory management skills, management styles, motivation with emphasis on human relations, delegation, training, evaluation and communication. In addition, the hiring and firing functions within FLSA guidelines will be covered. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_128](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_128))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81638 001 F2F	M-----	12:00-02:50 PM	08/18/14-12/12/14	HCA 117	Slettedal S	24 of 24

Kansas Senate Bill SB 155

80557 003 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	HCA 119	Robinson L	24 of 24
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Kansas Senate Bill SB 155

81639 376 HYB	-----	-	08/18/14-12/12/14	Online	Slettedal S	24 of 24
	-T-----	09:00-10:30 AM	08/19/14-12/12/14	HCA 117		

Kansas Senate Bill SB 155

## HMGT 130 - Hospitality Law

This course offers an overview of product and dram shop liability as well as of the various areas of federal and state legislation that regulate the hospitality industry. Emphasis will be on familiarizing the hospitality manager with ways to avoid costly and time-consuming lawsuits. A manager's or owner's legal rights and responsibilities also will be discussed. Upon successful completion of this course, the student should be able to recognize potential legal problems. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_130](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80551 001 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	HCA 150	Anderson S	24 of 24

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## HMGT 132 - Seminar in Housekeeping Operations

This course presents a systematic approach to managing housekeeping operations in the hospitality industry. The course will also include related health department and OSHA regulations. While enrolled in this class, a student must work a minimum of 15 hours a week in a lodging operation. The work experience is concurrent but does not necessarily concentrate on the subject being taught in the course. This course is typically offered in the fall semester. 2 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_132](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_132))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80552 001 F2F	-T-----	06:00-07:50 PM	08/19/14-12/12/14	HCA 117	Hoerz D	24 of 24

## HMGT 150 - Seminar: Food Service Sales and Marketing

This course includes detailed information in distinguishing the difference between marketing, sales, promotion, advertising and merchandising. In addition, development and quantifying the cost of a marketing plan by analyzing markets and developing a primary target market will be discussed. This course is a seminar course, and students are required to be employed 15 hours per week in a job related to the hospitality industry. 3 hrs. lecture, 15 hrs. internship/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_150](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80554 002 F2F	M-----	12:00-01:50 PM	08/18/14-12/12/14	HCA 115	Hoerz D	24 of 24

## HMGT 167 - Local Food Production

Upon successful completion of this course, the student should be able to analyze and explain the basic cooking methods, recipe conversion and professional food preparation and handling of local food products. Additionally, the student should be able to safely operate common food service equipment used in commercial kitchens. It will provide students with practical methods of application involved with safe handling and production of post-harvest local food products. 3.5 hrs. integrated lecture/lab/wk..

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_167](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_167))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80559 001 F2F	--W----	01:00-04:30 PM	08/20/14-12/12/14	HCA 148	Smith D	16 of 16



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## HMGT 203 - Hotel Sales and Marketing

This course will focus on practical sales and marketing techniques for the hotel industry. It will cover a marketing plan and advertising campaign for a hotel, including identifying target markets, prospecting for sales leads and using sales techniques. This course is typically offered in the fall semester. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: HMGT 121 and admission to the hospitality management program

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_203](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_203))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80566 001 F2F	-T-----	03:00-05:50 PM	08/19/14-12/12/14	HCA 117	Hoerz D	24 of 24

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## HMGT 207 - Hospitality Human Resource Management

This course will examine hospitality human resources management from the global perspective as the rise of multinational hospitality corporations and a multicultural society place new requirements on managers with human resource responsibilities. Special emphasis will be placed on both the "soft skills" involved in counseling, interpersonal relations and different management theories, as well as the "hard skills" involved in the legislative aspects of managing people. This course will concentrate on how to manage managers. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: HMGT 128

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_207](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_207))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80569 001 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	HCA 117	Edwards R	24 of 24

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80571 002 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	HCA 119	Edwards R	24 of 24
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Kansas Senate Bill SB 155

## HMGT 220 - American Regional Cuisine

This course introduces the student to regional American cooking from nine regional culinary traditions and two specialty traditions within American cuisine. Students will study the cuisine of New England; the Mid-Atlantic states; the Deep South; Florida and the Caribbean; Cajun and Creole; the Central Plains and Rocky Mountain states; Tex-Mex

and the American Southwest; California and Hawaii; the Pacific Northwest, as well as vegetarian cuisine and kosher dietary laws. Upon completion of this course, the student should be able to demonstrate skills in cooking and presenting classic American dishes in their traditional forms within a restaurant setting. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisite: HMGT 230

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_220](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80574 001 F2F	-T-----	01:00-04:30 PM	08/19/14-12/12/14	HCA 148	Adel E	16 of 16

Kansas Senate Bill SB 155

80579 002 F2F	-T-----	08:00-11:30 AM	08/19/14-12/12/14	HCA 148	Adel E	16 of 16
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Kansas Senate Bill SB 155

## HMGT 221 - Design and Facilities Management

This course includes detailed information about food service design that covers layout, design and equipment specifications. In addition, facilities operations will be discussed regarding electrical, water and transportation systems; refrigeration; waste disposal; energy management; and HVAC. Preventive maintenance will be emphasized. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$25 to 100

Prerequisites: HMGT 123 and HMGT 271

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_221](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_221))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80583 001 F2F	-T-----	03:00-05:50 PM	08/19/14-12/12/14	HCA 115	Sobieraj R	24 of 24

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## HMGT 223 - Fundamentals of Baking

This course covers bakeshop production as it relates to the basic principles of ingredients, measurements, mixing, proofing, baking and final presentation. In addition, the student will be able to identify the various types of baking equipment used in the preparation of bakeshop products. The class includes lecture and participation. 3.5 hrs. integrated lecture/lab/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/hmgt#HMGT\\_223\)](http://catalog.jccc.edu/fall/coursedescriptions/hmgt#HMGT_223)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80584 001 F2F	M-----	12:00-03:30 PM	08/18/14-12/12/14	HCA 144	Maxim C	16 of 16
Kansas Senate Bill SB 155						
80585 002 F2F	--W----	08:00-11:30 AM	08/20/14-12/12/14	HCA 144	Flick D	16 of 16
Kansas Senate Bill SB 155						
80586 003 F2F	M-----	06:00-09:30 PM	08/18/14-12/12/14	HCA 144	Maxim C	16 of 16
Kansas Senate Bill SB 155						
82853 004 F2F	-T-----	06:00-09:30 PM	08/19/14-12/12/14	HCA 144	Parkhurst A	16 of 16
Kansas Senate Bill SB 155						

## HMGT 226 - Garde Manger

This course is designed for the student to learn cold food production and charcuterie. The course will allow the student to develop fundamental principles of the cold kitchen and modernize traditional methods of salad preparation. 3.5 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisite: HMGT 230

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/hmgt#HMGT\\_226\)](http://catalog.jccc.edu/fall/coursedescriptions/hmgt#HMGT_226)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80603 001 F2F	M-----	08:00-11:30 AM	08/18/14-12/12/14	HCA 146	Adel E	16 of 16
Kansas Senate Bill SB 155						
80604 002 F2F	M-----	01:00-04:30 PM	08/18/14-12/12/14	HCA 146	Sturmer F	16 of 16
Kansas Senate Bill SB 155						

## HMGT 228 - Advanced Hospitality Management

This course includes detailed information about various components of menu planning, food service, supervision, design and beverage control. In addition, an understanding of the external factors affecting the hotel-restaurant industry will be discussed. Skills necessary to secure a position in management within the hospitality industry will be emphasized, and case studies and computer simulation (HOTS) will be used for critical thinking analysis. Business plans will be developed as part of the course project. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$25 to 50

Prerequisite: Department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_228](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_228))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80605 001 F2F	M-----	09:00-11:50 AM	08/18/14-12/12/14	HCA 115	Ashley O	18 of 18

Kansas Senate Bill SB 155

Requirement: Department approval

80606 002 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	HCA 115	Ashley O	18 of 18
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Kansas Senate Bill SB 155

Requirement: Department approval

## HMGT 230 - Professional Cooking II

This is the second of two courses in professional cooking methods for students enrolled in hospitality management programs. Upon completion of this course, the student should be able to demonstrate advanced level skills in cooking methods, recipe conversion, and professional food preparation and handling. Additionally, the student should be able to safely operate advanced food service equipment used in commercial kitchens. This course consists of lecture, demonstration and participation in food preparation. 3.5 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisites: HMGT 120 and HMGT 123

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_230](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80607 001 F2F	M-----	08:00-11:30 AM	08/18/14-12/12/14	HCA 142	Smith D	16 of 16

Kansas Senate Bill SB 155

80608 002 F2F	-T-----	01:00-04:30 PM	08/19/14-12/12/14	HCA 142	Smith D	16 of 16
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Kansas Senate Bill SB 155

80609 003 F2F	-T-----	08:00-11:30 AM	08/19/14-12/12/14	HCA 142	Prater A	16 of 16
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Kansas Senate Bill SB 155

80610 005 F2F	M-----	06:00-09:30 PM	08/18/14-12/12/14	HCA 142	Marcellus J	16 of 16
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Kansas Senate Bill SB 155

## HMGT 231 - Advanced Food Preparation

This course is designed to develop a student's advanced culinary skills in preparation of international cuisine commonly served in today's operations in Latin America, Europe, Asia, the Middle East, the Far East and the Pacific area. 4.5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisites: HMGT 230 and department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_231](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80611 001 F2F	M-----	12:00-04:30 PM	08/18/14-12/12/14	HCA 148	Walline T	12 of 12

Kansas Senate Bill SB 155

Requirement: Department approval

## HMGT 235 - Seminar: Risk Management and Loss Prevention

This course explains the issues surrounding the need for individualized security programs, examines a wide variety of security and safety equipment and procedures, discusses guest protection and internal security for asset protection. It explores risk management and loss prevention issues and outlines OSHA regulations that apply to lodging properties. While enrolled in this class, a student must work a minimum of 15 hours a week in a lodging operation. The work experience is concurrent but does not necessarily concentrate on the subject being taught in the course. This course is typically offered in the spring semester. 2 hrs lecture, 15 hrs. work/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_235](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_235))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82792 001 F2F	M-----	09:00-11:00 AM	08/18/14-12/12/14	HCA 117	Hoerz D	24 of 24

## HMGT 238 - Advanced Garde Manger

This course is designed for the student to learn advanced cold food production and charcuterie as well as Modern Cuisine techniques. This course will allow the student to develop advanced principles of the cold kitchen and modern cooking techniques and equipment. 3.5 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisite: HMGT 226

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_238](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_238))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82975 001 F2F	--W----	01:00-04:30 PM	08/20/14-12/12/14	HCA 146	Prater A	16 of 16

Kansas Senate Bill SB 155

## HMGT 248 - Confectionery Arts

This course covers the design and production of artistic centerpieces made from confections. It provides knowledge of and basic skills in making decorative dining table centerpieces using food products such as cooled and pulled sugar syrup, isomalt, pastillage, marzipan and chocolate. The student will be instructed in the preparation of these ingredients and will construct center and showpieces after viewing demonstrations. 3.5 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_248](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_248))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80613 001 F2F	--W----	01:00-04:30 PM	08/20/14-12/12/14	HCA 144	Flick D	12 of 12

Kansas Senate Bill SB 155

## HMGT 250 - Introduction to Catering

This course includes detailed information about the different types of catered events within the hospitality industry. Topics covered include the importance of marketing, contract writing, food production, room arrangements and required personnel relative to specific catered events. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$5 to 25

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_250](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80614 001 F2F	-T-----	09:00-11:50 AM	08/19/14-12/12/14	HCA 119	Berg M	24 of 24

Kansas Senate Bill SB 155

## HMGT 265 - Front Office Management

This course provides a full understanding of the flow of business from the front office, beginning with the reservations process to checkout and settlement. It also includes the night audit and statistical analysis of rates and revenue management. This course is typically offered in the spring semester. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_265](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_265))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80615 001 F2F	-T-----	12:00-02:50 PM	08/19/14-12/12/14	HCA 115	Hoerz D	24 of 24

Kansas Senate Bill SB 155

## HMGT 268 - Hospitality Managerial Accounting

This course introduces the student to basic managerial accounting. This includes accounting concepts, processing data and the flow of financial information within a hospitality operation. The course provides a working knowledge of an income statement, balance sheet, statement of owner's equity and cash flows. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: MATH 120 and HMGT 121 and HMGT 273

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_268](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_268))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80616 001 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	HCA 117	Ashley O	24 of 24

Kansas Senate Bill SB 155

## HMGT 270 - Meat and Fish Identification and Fabrication

This course is designed for the student to learn about meat and fish identification and fabrication of beef, veal, pork, lamb, poultry, fish and seafood. 3.5 hrs. Integrated lecture/lab/wk.

Credit Hours: 3

Prerequisites: HMGT 226 and HMGT 286

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_270](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_270))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82976 001 F2F	--W----	09:00-12:30 PM	08/20/14-12/12/14	HCA 146	Sturmer F	12 of 12

Kansas Senate Bill SB 155

Requirement: Department approval

## HMGT 271 - Seminar in Hospitality Management: Purchasing

This course offers an overview of purchasing techniques and specification writing for commodities used in the hospitality industry. Emphasis will be on decision-making skills in the areas of quality, quantity, specifications and general value analysis. Two hours in class and a minimum of 15 hours a week are required in a supervised work situation in an approved area of the hospitality industry. Work experience is concurrent but does not necessarily concentrate on the subject being taught in the course.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_271](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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80617	002 F2F	M-----	03:00-04:50 PM	08/18/14-12/12/14	HCA 117	Marcellus J	24 of 24
80618	003 F2F	--W----	10:00-11:50 AM	08/20/14-12/12/14	HCA 117	Marcellus J	24 of 24

## HMGT 273 - Hospitality Cost Accounting

This course includes detailed information on how to prepare operation statements for a food service operator, including inventory and control systems. Areas of concentration will be food cost controls, labor cost controls, purchasing controls and profit production. The practice set will be used to reinforce control systems. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: MATH 120 or higher and HMGT 121

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_273](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_273))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
80620	001 F2F	--W----	03:00-05:50 PM	08/20/14-12/12/14	HCA 115	Sobieraj R	24 of 24

Kansas Senate Bill SB 155

80621	002 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	HCA 115	Sobieraj R	24 of 24
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Kansas Senate Bill SB 155

## HMGT 275 - Seminar in Hospitality Management: Internship

This course provides industry experience for students in cooperating businesses, agencies and organizations. While enrolled in this course, a student must work a minimum of 320 hours in an approved position in the hospitality industry. By arrangement.

Credit Hours: 3

Prerequisite: Admission to the hospitality management program

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_275](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_275))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80622	500 INT	-----	-	08/18/14-12/12/14	Robinson L	24 of 24

## HMGT 277 - Seminar in Hospitality Management: Menu Planning

This course provides the basic knowledge of menu design and planning. Students will learn the components of menu design and planning for each concept category. The course will cover the topics of menu layout, selection and development, price structures and the theory of menu design. A minimum of 15 hours a week is required in a supervised work situation in an approved area of the hospitality industry. Work experience is concurrent but does not necessarily concentrate on the subject being taught in the course. 2 hrs. lecture/wk.



Credit Hours: 3

Associated Costs: \$5 to 25

Prerequisite: HMGT 123

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_277](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_277))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80623 001 F2F	M-----	03:00-04:50 PM	08/18/14-12/12/14	HCA 115	Sobieraj R	24 of 24
80633 002 F2F	--W----	06:00-07:50 PM	08/20/14-12/12/14	HCA 115	Sobieraj R	24 of 24

## HMGT 279 - Beverage Control

This course covers the history of wines and their use and storage procedures. The students should gain an understanding of beverage control and how it is used in all types of operations. The course will also cover in-depth study of spirits, internal control systems and local/state alcoholic beverage control laws. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_279](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_279))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80634 001 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	HCA 150	Berger S	24 of 24
Kansas Senate Bill SB 155						
80635 002 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	HCA 150	Geiger J	24 of 24
Kansas Senate Bill SB 155						

## HMGT 281 - Culinary Arts Practicum I

A qualified chef who is a member of the American Culinary Federation will supervise this on-the-job apprentice training. Upon successful completion of this course, the student should be able to apply food preparation and presentation techniques and gain experience in all phases of food service operation.

Credit Hours: 2

Associated Costs: \$100 to 300

Prerequisite: Acceptance into the American Culinary Federation Chef Apprenticeship training program and hospitality management department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_281](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_281))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80636 500 INT	-----	-	08/18/14-12/12/14		Sturmer F	55 of 55

## HMGT 282 - Culinary Arts Practicum II

A qualified chef who is a member of the American Culinary Federation will supervise this on-the-job apprentice training. Upon successful completion of this course, the student should be able to apply food preparation and presentation techniques and gain experience in all phases of food service operation. This course is a continuation of Culinary Arts Practicum I.

Credit Hours: 2

Prerequisite: HMGT 281

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_282](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_282))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80637 501 INT	-----	-	08/18/14-12/12/14		Sturmer F	40 of 40

Kansas Senate Bill SB 155

## HMGT 285 - Culinary Arts Practicum III

A qualified chef who is a member of the American Culinary Federation will supervise this on-the-job apprentice training. Upon successful completion of this course, the student should be able to apply food preparation and presentation techniques and gain experience in all phases of food service operation. This course is a continuation of Culinary Arts Practicum II.

Credit Hours: 2

Prerequisite: HMGT 282

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_285](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_285))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80638 502 INT	-----	-	08/18/14-12/12/14		Sturmer F	40 of 40

Kansas Senate Bill SB 155

## HMGT 286 - Culinary Arts Practicum IV

A qualified chef who is a member of the American Culinary Federation will supervise this on-the-job apprentice training. Upon successful completion of this course, the student should be able to apply food preparation and presentation techniques and gain experience in all phases of food service operation. This course is a continuation of Culinary Arts Practicum III.

Credit Hours: 2

Prerequisite: HMGT 285

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_286\)](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_286)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80639 503 INT	-----	-	08/18/14-12/12/14		Sturmer F	40 of 40

Kansas Senate Bill SB 155

## HMGT 287 - Culinary Arts Practicum V

A qualified chef who is a member of the American Culinary Federation will supervise this on-the-job apprentice training. Upon successful completion of this course, the student should be able to apply food preparation and presentation techniques and gain experience in all phases of food service operation. This course is a continuation of Culinary Arts Practicum IV.

Credit Hours: 2

Prerequisite: HMGT 286

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_287\)](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_287)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80641 504 INT	-----	-	08/18/14-12/12/14		Sturmer F	40 of 40

Kansas Senate Bill SB 155

## HMGT 288 - Culinary Arts Practicum VI

A qualified chef who is a member of the American Culinary Federation will supervise this on-the-job apprentice training. Upon successful completion of this course, the student should be able to apply food preparation and presentation techniques and gain experience in all phases of food service operation. This course is a continuation of Culinary Arts Practicum V.

Credit Hours: 2

Prerequisites: HMGT 287 and hospitality management department approval

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_288\)](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_288)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80640 505 INT	-----	-	08/18/14-12/12/14		Sturmer F	40 of 40

Kansas Senate Bill SB 155

Requirement: Department approval

## HMGT 292 - Special Topics:

This course periodically offers specialized or advanced discipline-specific content related to diverse areas of culinary arts, not usually taught in the curriculum, to interested and qualified students within the program.

Credit Hours: 3

Prerequisite: Department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT\\_292](http://catalog.jccc.edu/fall/coursedescriptions/hmgt/#HMGT_292))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82977 001 F2F	---R---	06:00-09:30 PM	08/21/14-12/12/14	HCA 142	Prater A	16 of 16

Kansas Senate Bill SB 155

## Hospitality Mgt Pastry Baking

### HMPB 155 - Pastry Shop Production I

This course will provide hands-on instruction of techniques used to make basic pastry shop staples used in the production of items intended for retail sales in a professional pastry shop. This course is typically offered in the fall semester. 4.5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisites: HMGT 120 and HMGT 123 Corequisites: HMPB 160 and HMPB 233 and HMPB 252

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmpb/#HMPB\\_155](http://catalog.jccc.edu/fall/coursedescriptions/hmpb/#HMPB_155))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80717 001 F2F	---R---	08:00-10:14 AM	08/21/14-12/12/14	HCA 144	Flick D	15 of 15
	----F--	09:00-11:14 AM	08/22/14-12/12/14	HCA 144		

Kansas Senate Bill SB 155

### HMPB 160 - Pastry Shop Principles I

This course will examine the fundamental baking concepts including sanitation, ingredient identification and usage, weights and measures, inventory and product ordering needed as it pertains to a professional pastry shop. Students will be operating a working bake shop. This course is typically offered in the fall semester. 4.5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisites: HMGT 120 and HMGT 123 Corequisites: HMPB 155 and HMPB 233 and HMPB 252

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmpb/#HMPB\\_160](http://catalog.jccc.edu/fall/coursedescriptions/hmpb/#HMPB_160))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80718 001 F2F	---R---	10:15-12:29 PM	08/21/14-12/12/14	HCA 144	Flick D	15 of 15
	----F--	11:15-01:29 PM	08/22/14-12/12/14	HCA 144		

Kansas Senate Bill SB 155

## HMPB 233 - Patisserie

This course will provide hands-on instruction of techniques to make finished pastry items such as tortes, tarts, pastries, cookies, candies and breads as well as how to present items in a professional manner. This course is typically offered in the fall semester. 4.5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisites: HMGT 120 and HMGT 123 Corequisites: HMPB 155 and HMPB 160 and HMPB 252

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmpb/#HMPB\\_233](http://catalog.jccc.edu/fall/coursedescriptions/hmpb/#HMPB_233))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80732 001 F2F	---R---	12:30-02:44 PM	08/21/14-12/12/14	HCA 144	Flick D	15 of 15
	----F--	01:30-03:44 PM	08/22/14-12/12/14	HCA 144		

Kansas Senate Bill SB 155

## HMPB 252 - Pastry Shop Business Basics I

This course will provide basic hands-on techniques used to market finished pastry items, customer service, setting up, restocking and maintaining a display case, as well as taking pastry orders. This course is typically offered in the fall semester. 3.5 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisites: HMGT 120 and HMGT 123 Corequisites: HMPB 155 and HMPB 160 and HMPB 233

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hmpb/#HMPB\\_252](http://catalog.jccc.edu/fall/coursedescriptions/hmpb/#HMPB_252))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80734 001 F2F	---R---	02:45-04:59 PM	08/21/14-12/12/14	HCA 144	Flick D	15 of 15
	----F--	03:45-05:59 PM	08/22/14-12/12/14	HCA 144		

Kansas Senate Bill SB 155

## Honors Program

## HON 250 - Honors Forum:

This course will focus on two topics during the semester and how those topics affect the local, national and global communities. The course complements other courses in the curriculum by applying the dual emphases of specific content and skill development to the areas of interaction, analysis, synthesis and conflict resolution. Students will study each issue in a historical and contemporary context, develop a greater understanding of the issues, and take a position on the issues. This position will be subjected to further challenge and dialogue. In this course, the process of reflecting, researching, analyzing and evaluating are as important as content. As points of view concerning the issue are developed, the students must articulate and defend these viewpoints as they are challenged by others and make judgments among alternative options. The first topic is selected by the faculty members, then midway through the semester, the students will select the second topic. This course will require students to use many forms of research, including the Internet and electronic databases. In addition, students will be expected to use e-mail for sharing information with classmates and instructors. Contact the Honors Program Office, COM 201, for more information. 3hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hon/#HON\\_250](http://catalog.jccc.edu/fall/coursedescriptions/hon/#HON_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82828 001 F2F	--W----	02:00-04:50 PM	08/18/14-12/12/14	GEB 238	Sabato S Decker P	18 of 18

Honors Forum: Kansas City Cowtown to Uptown

Honors Course

Note: This is an honors section. Enrollment is by permission. Interested students should check with the Honors Program Office to ensure that they are eligible to take this class. Honors Program Office COM 201.

Requirement: Department approval

## Horticulture

Missouri residents, see Reverse Cooperative Information (<http://www.jccc.edu/cooperative/cooperative-mcc-residents.html>)

## HORT 115 - Home Horticulture

This course provides basic knowledge for the design and management of home lawns, flower and vegetable gardens, and landscape trees and shrubs. Students will learn basic plant anatomy and physiology concepts; how to recognize some common plant deficiency symptoms; the use of fertilizers and pesticides; identification of some common trees, shrubs and garden plants; and the major considerations of good landscape design. 1 hr. lecture, 2 hrs. lab/wk.

Credit Hours: 2

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hort/#HORT\\_115](http://catalog.jccc.edu/fall/coursedescriptions/hort/#HORT_115))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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82260 001 F2F ----F-- 01:00-01:59 PM 09/05/14-12/12/14 HSC 121 TBA 12 of 12

Lab ----F-- 02:00-03:59 PM 09/05/14-12/12/14 HSC 124

Note: Late Start Course

## HORT 135 - Landscape Design

The course is designed to familiarize students with aspects of landscape design. Students will analyze the site and preferences of the client and complete a landscape design following basic design principles. Students will learn presentation graphics, hand lettering techniques, and how to make a hand drawing to scale. Note: Plant material courses (HORT 214, HORT 215, HORT 220) could be helpful for this course but are not required. 2 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$30

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hort/#HORT\\_135](http://catalog.jccc.edu/fall/coursedescriptions/hort/#HORT_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82261 001 F2F	-T-----	06:00-07:50 PM	08/19/14-12/12/14	SCI 125	Stevens A	24 of 24
Lab	-T-----	08:00-09:50 PM	08/19/14-12/12/14	SCI 125		

Kansas Senate Bill SB 155

## HORT 140 - Turfgrass I

The basics of turfgrass identification, selection, use and care will be covered. The emphasis will be on efficient management of soil and turf on large or small grounds. Upon successful completion of this course, students should be able to demonstrate their ability to properly identify the major categories of turfgrass; establish and maintain turfgrass; identify turfgrass pests; and develop a pest control fertilizer program. Irrigation systems, their maintenance and repair will also be discussed. 2 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hort/#HORT\\_140](http://catalog.jccc.edu/fall/coursedescriptions/hort/#HORT_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82262 001 F2F	M-----	10:00-11:50 AM	08/18/14-12/12/14	HSC 121	Ryan L	24 of 24
Lab	--W----	10:00-11:50 AM	08/20/14-12/12/14	HSC 121		

Kansas Senate Bill SB 155

## HORT 165 - Arboriculture

This course will prepare the student to work with trees in Zones 5-6. In lecture and lab settings students will learn and demonstrate how to properly plant, prune and maintain trees, identify hazard trees and proper pruning and tree removal techniques. Emphasis will be placed on ANSI and OSHA safety requirements. At the end of this course the student will be prepared to take the test for arboriculture certification in Kansas. 2 hrs. lecture 3 hrs. lab/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hort/#HORT\\_165](http://catalog.jccc.edu/fall/coursedescriptions/hort/#HORT_165))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82263 001 F2F	---R---	01:00-02:59 PM	08/21/14-11/09/14	HSC 121	Fike T	24 of 24
	Lab ---R---	03:00-05:59 PM	08/21/14-11/09/14	HSC 124		

Kansas Senate Bill SB 155

Note: Late Start Course

## HORT 201 - Introduction to Horticultural Science

This is an introduction to the principles and practices of horticultural plant systems. Plant structure and function will be discussed, along with the effects of environmental factors on plant growth. General cultural practices will be described, including pest control, mineral nutrition and plant propagation. 3 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 4

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hort/#HORT\\_201](http://catalog.jccc.edu/fall/coursedescriptions/hort/#HORT_201))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82264 001 F2F	Lab -----S-	09:00-11:50 AM	08/23/14-12/12/14	HSC 124	Seckinger G	24 of 24
	-----S-	01:00-02:50 PM	08/23/14-12/12/14	HSC 121		

Kansas Senate Bill SB 155

82265 380 HYB	-----	-	08/18/14-12/12/14	Online	Sreedhar L	24 of 24
	----F--	10:00-10:50 AM	08/22/14-12/12/14	HSC 121		
	Lab ----F--	11:00-12:50 PM	08/22/14-12/12/14	HSC 124		

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

Note: On-campus labs and lecture have required attendance. For hybrid courses, lecture notes posted on-line prior to each class time will introduce you to the course material. Labs will be hands-on, on campus, unless otherwise indicated in the syllabus. Please read the relevant chapter(s) in your textbook (where required) and the lecture notes before coming to class.

## HORT 214 - Woody Plants I, Deciduous

The class places emphasis on identification, ornamental characters, site requirements, and use of woody ornamental deciduous trees and shrubs with special emphasis on the cultivated varieties in climatic zones 5 and 6. Plant uses and seasonal effects and influences that affect plant choices will be also be taught. This course will assist the



grounds maintenance employee, landscaper, and garden center employee in identifying plant materials used in the landscape. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$10

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hort/#HORT\\_214](http://catalog.jccc.edu/fall/coursedescriptions/hort/#HORT_214))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82266 380 HYB	-----	-	08/18/14-11/09/14	Online	Sreedhar L	24 of 24
	Lab --W----	12:00-02:59 PM	08/20/14-11/09/14	HSC 121		

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

Note: Late Start Course. Lecture notes posted on-line prior to each class time will introduce you to the course material. Lecture notes will be discussed in class. On-campus labs have required attendance.

## HORT 220 - Herbaceous Plants

This course will focus on the identification, ornamental characters, culture, propagation, and use of herbaceous perennials, bulbs, ground covers, vines and annuals. This course will assist the grounds maintenance employee, landscaper, and garden center employee in identifying and selecting herbaceous plant materials with additional emphasis on uses and maintenance of these plants when used in the landscape. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$10

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hort/#HORT\\_220](http://catalog.jccc.edu/fall/coursedescriptions/hort/#HORT_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82267 001 F2F	M-----	06:00-07:50 PM	08/18/14-12/12/14	HSC 121	Seckinger G	24 of 24
	Lab --W----	06:00-08:50 PM	08/20/14-12/12/14	HSC 124		

Kansas Senate Bill SB 155

82269 380 HYB	Lab M-----	01:00-03:59 PM	08/18/14-11/09/14	HSC 121	Sreedhar L	24 of 24
	-----	-	08/18/14-11/09/14	Online		

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

Note: Late Start Course. Lecture notes posted on-line prior to each class time will introduce you to the course material. Lecture notes will be discussed in class. On-campus labs have required attendance.

## HORT 235 - Landscape Maintenance and Techniques

This course is designed to familiarize students with the principles and techniques involved in landscape maintenance including pruning techniques, fertilization, irrigation, spray schedules and weed control. Installation and maintenance of annual and perennial plant material is examined. In addition, the student will learn to design preventive strategies and identify and examine disease and insect damage. The students will learn how to maintain good customer relations. 2 hrs. lecture, 2 hrs. lab/wk.

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Credit Hours: 3

Associated Costs: \$30

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hort/#HORT\\_235](http://catalog.jccc.edu/fall/coursedescriptions/hort/#HORT_235))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82270 001 F2F	-T-----	02:00-03:59 PM	08/19/14-11/09/14	HSC 121	TBA	24 of 24
	Lab -T-----	04:00-06:00 PM	08/19/14-11/09/14	HSC 124		

Kansas Senate Bill SB 155

Note: Late Start Course

## HORT 245 - Commercial Crop Production

This course is designed to familiarize Market Farmers with the plant materials and production of crops grown in the Market Farming industry. This course will help answer questions about varieties of plants to grow, establishment, growth, harvesting and post-harvesting of crop, varieties of plants to grow. Students will become familiar with different marketing options and good record keeping. 3 hrs. lecture/wk.

Note: This course is part of the sequence for the Sustainable Agriculture Entrepreneurship Certificate.

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Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hort/#HORT\\_245](http://catalog.jccc.edu/fall/coursedescriptions/hort/#HORT_245))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82272 001 F2F	---R---	09:00-11:50 AM	08/21/14-12/12/14	HSC 121	TBA	24 of 24

Kansas Senate Bill SB 155

## HORT 255 - Pest Control Management

This course will explore the general concepts of turf, ornamental, commercial crop and vegetable garden maintenance and pest control in the local area. The student will become familiar with federal and state regulations pertaining to horticulture chemical application. Upon completion of this course, the student should be prepared to take the Kansas or Missouri licensing examination to become a certified applicator of restricted horticultural pesticides and herbicides. 3 hrs. lecture/wk.

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Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/hort/#HORT\\_255\)](http://catalog.jccc.edu/fall/coursedescriptions/hort/#HORT_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82273 350 ONLINE	-----	-	09/01/14-10/05/14	Online	James R	24 of 24

Kansas Senate Bill SB 155

Note: Late Start Course

## HORT 270 - Horticulture Internship

Student should be able to apply classroom knowledge to an actual work situation. The internship will provide students on-the-job experience under the supervision of professionals in the Horticultural industry. The work will be developed cooperatively with area employers, college staff and each student to provide a job experience in the area of their horticultural focus and career goals. 20 hrs field study

Credit Hours: 3

Prerequisite: Department approval

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/hort/#HORT\\_270\)](http://catalog.jccc.edu/fall/coursedescriptions/hort/#HORT_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82275 500 INT	-----	-	08/18/14-12/12/14		Sreedhar L	10 of 10

Kansas Senate Bill SB 155

Requirement: Department approval

## HORT 272 - Sustainable Agriculture Fall Practicum

Through practical experience complemented by lectures and discussions, students will gain exposure to a broad range of tasks facing the market farmer during the fall and early winter seasons. This includes production and marketing of summer crops, planning, and production of fall crops in high tunnels and open field, and marketing these fall crops. Topics include production planning, planting, integrated crop management, harvest and postharvest practices, marketing through various channels, tools and equipment, soil fertility management, and record keeping. Practicum activities will integrate with other courses in this market farming certificate program. Students will learn both conventional and organic production techniques. Entrepreneurship will be emphasized throughout. 7 hrs. practicum/wk.

Note: This course is part of the sequence for the Sustainable Agriculture Entrepreneurship Certificate.

Credit Hours: 2

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/hort/#HORT\\_272\)](http://catalog.jccc.edu/fall/coursedescriptions/hort/#HORT_272)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82276 500 INT	-T-----	01:00-03:50 PM	08/19/14-12/12/14	HSC 124	Shafer S	20 of 20

Note: Students will meet with the instructor during the first day of classes to determine the additional 5 hours that will need to be worked each week at the farm.

Requirement: Department approval

## Physical Ed, Health & Rec

### HPER 100 - Basketball (Beginning)

Students will have an opportunity to learn fundamental basketball skills through demonstration and discussion of strategies for team play. Emphasis is on individual participation. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_100](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_100))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80466 001 F2F	M-----	06:00-06:50 PM	08/18/14-12/12/14	GYM 003B	Morley R	30 of 30
	M-----	06:00-06:50 PM	08/18/14-12/12/14	GYM 003C		
80467 002 F2F	M-W-F--	11:00-11:50 AM	08/18/14-10/24/14	GYM 003B	Walker B	30 of 30
	M-W-F--	11:00-11:50 AM	08/18/14-10/24/14	GYM 003C		

### HPER 101 - Basketball (Intermediate)

Students will have an opportunity to learn intermediate basketball skills through demonstration and discussion of strategies for team play. This course will advance the skills of the student who successfully completed the beginning basketball course. Emphasis is on individual participation and competition team play. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Prerequisite: HPER 100

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_101](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_101))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80468 001 F2F	M-----	06:00-07:50 PM	08/18/14-12/12/14	GYM 003B	Morley R	30 of 30
	M-----	06:00-07:50 PM	08/18/14-12/12/14	GYM 003C		
80469 002 F2F	M-W-F--	11:00-11:50 AM	08/18/14-10/24/14	GYM 003B	Walker B	30 of 30
	M-W-F--	11:00-11:50 AM	08/18/14-10/24/14	GYM 003C		



## HPER 104 - Yoga

This class will utilize techniques from yoga which aim to provide mind/body benefits including better posture and increased body awareness. Muscular strength and flexibility will be developed through poses and positions. This class will be geared towards all students, both beginners as well as those who have previous training. 2 hrs. activity/wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Associated Costs: \$12 to 15

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_104](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_104))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80471 001 F2F	M-W----	08:00-08:50 AM	08/18/14-12/12/14	GYM 007	Beattie-Nelson A	20 of 20
80472 002 F2F	M-W----	09:00-09:50 AM	08/18/14-12/12/14	GYM 007	Beattie-Nelson A	20 of 20
80473 003 F2F	M-W----	10:00-10:50 AM	08/18/14-12/12/14	GYM 007	Triplett P	20 of 20
80474 004 F2F	M-W----	07:00-07:50 PM	08/18/14-12/12/14	GYM 007	Zickefoose W	20 of 20
80475 005 F2F	M-W----	12:30-01:20 PM	08/18/14-12/12/14	 OHEC 143	Nosworthy A	18 of 18
80476 006 F2F	-T-R---	08:30-09:20 AM	08/19/14-12/12/14	GYM 007	TBA	20 of 20
80477 007 F2F	-T--F--	09:30-10:20 AM	08/19/14-12/12/14	GYM 007	Nosworthy A	20 of 20
80478 008 F2F	-T-R---	01:00-01:50 PM	08/19/14-12/12/14	GYM 007	Zickefoose W	20 of 20
80479 009 F2F	-T-R---	02:00-02:50 PM	08/19/14-12/12/14	GYM 007	Zickefoose W	20 of 20
80480 010 F2F	M-W----	01:30-02:20 PM	08/18/14-12/12/14	 OHEC 143	Nosworthy A	18 of 18
80481 011 F2F	M-W----	06:00-06:50 PM	08/18/14-12/12/14	GYM 007	Zickefoose W	20 of 20

## HPER 115 - Soccer

The fundamentals of soccer will be introduced as well as strategies necessary for team play. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_115](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_115))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80482 001 F2F	--W----	06:00-07:50 PM	09/03/14-12/10/14	GYM 003B	TBA	25 of 25
	--W----	06:00-07:50 PM	09/03/14-12/10/14	GYM 003C		
	--W----	06:00-07:50 PM	09/03/14-12/10/14	GYM 526		

Note: This course will meet outside on the practice soccer field (526). Alternate location will be inside Gym 003B & 003C (Field House)

## HPER 117 - Power Volleyball (Beginning)

The basic skills of volleyball taught in this class include the forearm pass, overhead set, serve, block and spike (attacking). Elementary offense and defense along with volleyball rules, scoring and officiating will be covered. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_117](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_117))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80483 001 F2F	-T-R---	10:00-10:50 AM	08/19/14-12/12/14	GYM 125	Rogert J	26 of 26

## HPER 118 - Power Volleyball (Intermediate)

Students will have the opportunity to build upon the basic fundamentals of the Power Volleyball (Beginning) class. Intermediate skills, strategies, offensive and defensive systems and rules will be covered for six-player, four-player, three-player, and two-player volleyball. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Prerequisite: HPER 117

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_118](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_118))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80484 001 F2F	-T-R---	10:00-10:50 AM	08/19/14-12/12/14	GYM 125	Rogert J	26 of 26

## HPER 124 - Tai Chi I

The class will introduce students to the practice of tai chi. Students will learn the basic structure, footwork, and breathing involved in the execution of routines consisting of a variety of postures. 2 hrs. activity/wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_124](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_124))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80485 001 F2F	-T-R---	09:00-09:50 AM	08/19/14-12/12/14	GYM 003E	Taylor S	20 of 20

## HPER 130 - Running Awareness and Exercise

The course will introduce the student to aerobic fitness through the activity of running. The training principles for running and competitive racing will be covered, and the individual will complete a personal running and/or racing training program. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_130](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80486 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Bloemker M	25 of 25

Note: All assignments and tests will be done online

80487 351 ONLINE	-----	-	08/18/14-12/12/14	Online	Bloemker M	25 of 25
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Note: All assignments and tests will be done online

## HPER 134 - Weight Training (Beginning)

In this class, muscular strength and endurance will be developed through weight training activity. A workout program will be implemented for each student. The muscular system, basic terminology of weight training and weight training theory will be discussed. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_134](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_134))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80488 001 F2F	M-W----	09:00-09:50 AM	08/18/14-12/12/14	GYM 022	Javorek J	30 of 30
80489 002 F2F	M-W----	10:00-10:50 AM	08/18/14-12/12/14	GYM 022	Javorek J	30 of 30
80490 003 F2F	-T-R---	09:00-09:50 AM	08/19/14-12/12/14	GYM 022	Javorek J	30 of 30
80491 004 F2F	-T-R---	10:00-10:50 AM	08/19/14-12/12/14	GYM 022	Javorek J	30 of 30
80492 005 F2F	M-W----	06:00-06:50 PM	08/18/14-12/12/14	GYM 022	TBA	30 of 30
80493 006 F2F	M-W----	01:00-01:50 PM	08/18/14-12/12/14	GYM 022	Taylor S	30 of 30

## HPER 135 - Weight Training (Intermediate)

In this class, muscular strength and endurance will be developed. A self-designed and directed resistance workout program will be implemented. The proper use of a training log and personal fitness evaluation techniques will be discussed. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Prerequisite: HPER 134

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_135](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80495 001 F2F	M-W----	09:00-09:50 AM	08/18/14-12/12/14	GYM 022	Javorek J	30 of 30
80496 002 F2F	M-W----	10:00-10:50 AM	08/18/14-12/12/14	GYM 022	Javorek J	30 of 30
80497 003 F2F	-T-R---	09:00-09:50 AM	08/19/14-12/12/14	GYM 022	Javorek J	30 of 30
80498 004 F2F	-T-R---	10:00-10:50 AM	08/19/14-12/12/14	GYM 022	Javorek J	30 of 30
80499 005 F2F	M-W----	06:00-06:50 PM	08/18/14-12/12/14	GYM 022	TBA	30 of 30
80500 006 F2F	M-W----	01:00-01:50 PM	08/18/14-12/12/14	GYM 022	Taylor S	30 of 30

## HPER 137 - Tennis (Beginning)

Students will get individualized instruction in this course on the rules, terminology and history of tennis. The student will receive instruction on the basic strokes of tennis, as well as the strategies of singles and doubles play. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Associated Costs: \$30 to 40

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_137](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_137))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80505 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-10/24/14	GYM 003B	Walker B	20 of 20
	M-W-F--	10:00-10:50 AM	08/18/14-10/24/14	GYM 537		
Note: This class will meet outside on the tennis courts (537). Alternate location will be inside Gym 003B (Field House)						
80506 002 F2F	M-W----	06:00-07:20 PM	08/18/14-10/22/14	GYM 003B	Alarico A	20 of 20
	M-W----	06:00-07:20 PM	08/18/14-10/22/14	GYM 537		
Note: This class will meet outside on the tennis courts (537). Alternate location will be inside Gym 003B (Field House)						
82255 003 F2F	-T-R---	11:00-12:20 PM	08/19/14-10/23/14	GYM 003B	Walker B	20 of 20
	-T-R---	11:00-12:20 PM	08/19/14-10/23/14	GYM 537		

Note: This class will meet outside on the tennis courts (537). Alternate location will be inside Gym 003B (Field House)

## HPER 138 - Tennis (Intermediate)

Students will review the rules, terminology and history of tennis. The student will receive instruction on the strokes of tennis, as well as the strategies of singles and doubles play in a competitive format. Emphasis will be on the mental and physical conditioning of the game. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.



Credit Hours: 1

Associated Costs: \$30 to 40

Prerequisite: HPER 137

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_138](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_138))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80507 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-10/24/14	GYM 003B	Walker B	20 of 20
	M-W-F--	10:00-10:50 AM	08/18/14-10/24/14	GYM 537		

Note: This class will meet outside on the tennis courts (537). Alternate location will be inside Gym 003B (Field House)

80508 002 F2F	M-W----	06:00-06:20 PM	08/18/14-10/22/14	GYM 003B	Alarico A	20 of 20
	M-W----	06:00-06:20 PM	08/18/14-10/22/14	GYM 537		

Note: This class will meet outside on the tennis courts (537). Alternate location will be inside Gym 003B (Field House)

82256 003 F2F	-T-R---	11:00-12:20 PM	08/19/14-10/23/14	GYM 003B	Walker B	20 of 20
	-T-R---	11:00-12:20 PM	08/19/14-10/23/14	GYM 537		

Note: This class will meet outside on the tennis courts (537). Alternate location will be inside Gym 003B (Field House)

## HPER 140 - Modern Dance (Beginning)

This course emphasizes the movement between positions rather than the picture-perfect poses of ballet and other dance styles. Moving through space off of and onto the floor, breathing and moving improvisationally will be explored. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Associated Costs: \$12 to 40

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_140](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80509 001 F2F	M-W----	01:00-01:50 PM	08/18/14-12/12/14	GYM 007	Phillips D	20 of 20

## HPER 150 - Aerobics (Beginning)

Motor skills, jogging and dance steps are combined in this exercise program to improve muscle tone and cardiovascular fitness. 2 hrs. wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_150](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80510 001 F2F	-T-R---	11:00-11:50 AM	08/19/14-12/12/14	GYM 007	Triplett P	20 of 20

## HPER 155 - Ballet (Beginning)

This progressive ballet system is designed to produce muscular strength and flexibility and a working knowledge of anatomy, plus the aesthetic satisfaction of expressing yourself through a classical art form. Offered to students of all ages and experience, both beginners as well as those who have had some training. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Associated Costs: \$17 to 30

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_155](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_155))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80511 001 F2F	M-W----	11:00-11:50 AM	08/18/14-12/12/14	GYM 007	Phillips D	20 of 20

## HPER 158 - Jazz Dance (Beginning)

An introduction to the concepts and motor skills involved with jazz dance. Basic body position will be introduced as well as basic terminology, jazz history, various jazz styles and the basic techniques involved, isolations, combinations, choreography and rhythmic influences. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Associated Costs: \$7 to 30

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_158](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_158))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80512 001 F2F	M-W----	02:00-02:50 PM	08/18/14-12/12/14	GYM 007	Phillips D	20 of 20

## HPER 172 - Track and Field (Beginning)

This course will introduce the student to the sport of track and field. Through activity and discussion the student will improve his or her motor ability to perform track and field events. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_172](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_172))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80513 001 F2F	MTWR---	02:00-02:50 PM	08/18/14-10/09/14	GYM 003A	Batliner B	50 of 50

## HPER 174 - Coaching and Officiating of Track and Field

Students will have the opportunity to learn the fundamentals of coaching and officiating track and field events. Upon successful completion of the course, students will be prepared for USATF Level 1 certification. 2 hrs./wk. This course will not meet the general education requirement for Health and/or Physical Education.

Credit Hours: 2

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_174](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_174))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80514 001 F2F	M-W-F--	11:00-11:50 AM	08/18/14-11/07/14	ITC 181	Batliner B	18 of 18

## HPER 175 - Fencing

Beginning foil fencing will provide the student with the fundamental rules and techniques of foil fencing. The student will utilize these skills in a fencing bout. The student will also be instructed in the rules and procedures of officiating foil fencing. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_175](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_175))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80515 001 F2F	-T-----	07:00-08:50 PM	08/19/14-12/12/14	GYM 003B	Campbell T	20 of 20

## HPER 176 - Self Defense I

The class will present students with a variety of techniques for escaping a physical attack. Students will receive an introduction to the four ranges of self defense: ground, grappling, striking, and weapons. Students will learn the principles that apply in any self defense situation and the basic positions and structure of each range. The class is appropriate for beginners as well as those with previous self defense or martial arts training. 2 hrs. activity/wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_176](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_176))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80516 001 F2F	M-W----	10:00-10:50 AM	08/18/14-12/12/14	GYM 003E	Taylor S	20 of 20

## HPER 185 - Archery

Students will receive individualized instruction in the basic skills of archery as a recreational sport lending itself as a lifetime leisure interest. Safety, fundamental care and usage of archery tackle and beginning archery skills will be taught along with a survey of the history of archery. 2 hrs./wk. HPER 185 Archery classes will meet in the lobby in the gym building by room 116. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Associated Costs: \$10 to 20

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_185](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_185))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80518 001 F2F	-T-----	09:00-11:20 AM	08/19/14-10/21/14	GYM 125	Carter C	25 of 25
This class will meet in the GYM lobby. Alternate location will be Gym 125						
80519 002 F2F	---R---	09:00-11:20 AM	08/21/14-10/23/14	GYM 125	Carter C	25 of 25
This class will meet in the GYM lobby. Alternate location will be Gym 125						

## HPER 192 - Wellness for Life

This course introduces students to the theory and principles upon which the concepts of lifetime fitness and wellness are based. Students will examine the relationship that exists between wellness and lifestyle behaviors. Individual self-assessments will be used to establish current health and fitness levels. 1 hr. lecture/wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_192](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_192))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80520 001 F2F	-T-----	05:30-07:20 PM	08/19/14-10/07/14	GYM 013	Dey R	25 of 25
80528 002 F2F	M-W----	01:00-01:50 PM	10/13/14-12/03/14	GYM 013	Dey R	25 of 25
80530 350 ONLNE	-----	-	08/18/14-11/07/14	Online	Carrier D	25 of 25
Note: The course will incorporate the same content and expectations as the traditional on-campus course. All assignments and tests will be online						
80531 351 ONLNE	-----	-	08/18/14-11/07/14	Online	Carrier D	25 of 25
Note: The course will incorporate the same content and expectations as the traditional on-campus course. All assignments and tests will be online						
80532 352 ONLNE	-----	-	08/18/14-11/07/14	Online	Carrier D	25 of 25

Note: The course will incorporate the same content and expectations as the traditional on-campus course. All assignments and tests will be online

80533 353 ONLINE ----- - 08/18/14-11/07/14 Online Brown S 25 of 25

Note: The course will incorporate the same content and expectations as the traditional on-campus course. All assignments and tests will be online

80534 354 ONLINE ----- - 10/13/14-12/07/14 Online Brown S 25 of 25

Note: The course will incorporate the same content and expectations as the traditional on-campus course. All assignments and tests will be online

## HPER 195 - Introduction to Sports Medicine

The purpose of this class is to introduce the basic concepts of sports medicine, specifically Athletic Training. It will address the fundamentals of the human musculoskeletal system, sports related injuries, injury treatment, and other sports medicine related topics. This class is designed for beginning athletic training students and other students interested in the subject. 3 hrs. lecture/wk. This course will not meet the general education requirement for Health and/or Physical Education.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_195](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_195))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80535 001 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	GYM 013	Edwinson B	20 of 20
80555 002 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	ATB 131	Edwinson B	20 of 20

## HPER 200 - First Aid and CPR

After completing this course, students should be able to perform the basic skills of first aid. The course will cover cause, prevention and first aid care of common emergencies. Certification may be earned in first aid, cardiopulmonary resuscitation and Automated External Defibrillators (AED). 2 hrs. lecture/wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 2

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_200](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_200))

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
80556 001 F2F	M-W----	02:00-02:50 PM	08/18/14-12/12/14	GYM 021	Dey R	18 of 18
Kansas Senate Bill SB 155						
80558 002 F2F	M-----	07:30-09:20 PM	08/18/14-12/12/14	GYM 021	Hootman T	18 of 18
Kansas Senate Bill SB 155						
80561 003 F2F	-T-----	07:30-09:20 PM	08/19/14-12/12/14	GYM 021	Hootman T	18 of 18
Kansas Senate Bill SB 155						
80562 004 F2F	-T-R---	08:00-09:20 AM	09/02/14-11/06/14	GYM 021	Hootman T	18 of 18

Kansas Senate Bill SB 155

80563 005 F2F -T-R--- 02:00-03:20 PM 09/02/14-11/06/14 GYM 021 Hootman T 18 of 18

Kansas Senate Bill SB 155

80564 006 F2F -T-R--- 05:30-07:20 PM 10/14/14-12/04/14 GYM 021 Hootman T 18 of 18

Kansas Senate Bill SB 155

80567 376 HYB M-W---- 10:00-10:50 AM 09/08/14-10/29/14 GYM 021 Brown S 18 of 18

----- - 09/08/14-10/29/14 Online

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

Note: You must attend class on Mondays and Wednesdays throughout the semester. The course will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, all assignments, exams and communication functions will be done online

80573 377 HYB M----- 11:00-11:50 AM 08/18/14-12/12/14 GYM 021 Brown S 18 of 18

----- - 08/18/14-12/12/14 Online

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

Note: You must attend class on Mondays throughout the semester. The course will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, all assignments, exams and communication functions will be done online

80577 378 HYB M----- 01:00-01:50 PM 08/18/14-12/12/14 GYM 021 Brown S 18 of 18

----- - 08/18/14-12/12/14 Online

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

Note: You must attend class on Mondays throughout the semester. The course will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, all assignments, exams and communication functions will be done online

80578 379 HYB -T----- 11:00-11:50 AM 08/19/14-12/12/14 GYM 021 Brown S 18 of 18

----- - 08/19/14-12/12/14 Online

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

Note: You must attend class on Tuesdays throughout the semester. The course will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, all assignments, exams and communication functions will be done online

80580 380 HYB --W---- 11:00-11:50 AM 08/20/14-12/12/14 GYM 021 Brown S 18 of 18

----- - 08/20/14-12/12/14 Online

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

Note: You must attend class on Wednesdays throughout the semester. The course will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, all assignments, exams and communication functions will be done online

80582 382 HYB -T-R--- 12:30-01:20 PM 10/07/14-12/11/14 GYM 021 Brown S 18 of 18

----- - 10/07/14-12/11/14 Online

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

Note: You must attend class on Tuesdays and Thursdays throughout the semester. The course will incorporate the same content and expectations as

the traditional on-campus course. In this hybrid online format, all assignments, exams and communication functions will be done online

## HPER 202 - Personal Community Health

This course is designed to provide the student with the knowledge and understanding to make positive, healthy lifestyle choices. In addition, students will learn about issues within the community that affect their daily health both directly and indirectly. 3 hrs. lecture/wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_202\)](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_202)

[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80587 001 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	GYM 013	Carrier D	24 of 24
80588 002 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	GYM 013	Carrier D	24 of 24
80589 003 F2F	-T-R---	12:30-01:50 PM	08/19/14-12/12/14	GYM 013	Stinson J	24 of 24
80590 350 ONLNE	-----	-	08/18/14-12/12/14	Online	Mallory L	25 of 25

Note: All assignments and tests will be online

80591 351 ONLNE	-----	-	08/18/14-12/12/14	Online	Mallory L	25 of 25
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Note: All assignments and tests will be online

80592 352 ONLNE	-----	-	08/18/14-12/12/14	Online	Mallory L	25 of 25
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Note: All assignments and tests will be online

80593 353 ONLNE	-----	-	08/18/14-12/12/14	Online	Stinson J	25 of 25
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Note: All assignments and tests will be online

80594 354 ONLNE	-----	-	08/18/14-12/12/14	Online	Stinson J	25 of 25
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Note: All assignments and tests will be online

80595 355 ONLNE	-----	-	08/18/14-12/12/14	Online	Carrier D	25 of 25
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Note: All assignments and tests will be online

80596 356 ONLNE	-----	-	08/18/14-12/12/14	Online	Carrier D	25 of 25
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Note: All assignments and tests will be online

80597 357 ONLNE	-----	-	09/02/14-11/07/14	Online	Stinson J	25 of 25
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Note: This course is accelerated and will incorporate the same content and expectations as the traditional full term course. All assignments and tests will be online

80598 358 ONLNE	-----	-	09/02/14-11/07/14	Online	Carrier D	25 of 25
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Note: This course is accelerated and will incorporate the same content and expectations as the traditional full term course. All assignments and tests will be online

## HPER 204 - Care and Prevention of Athletic Injury

Care and Prevention of Athletic Injuries will focus on recognition, evaluation, treatment, and recording of common athletic injuries. Human anatomy will be emphasized through the understanding of athletic movements and physical testing. Additional topics include legal and ethical practices for the athletic trainer and the psychology of today's competitive athlete. Care and Prevention of athletic Injuries is the basic sports medicine class required by most exercise science and coaching degree programs. 3 hrs. lecture/wk. This course will not meet the general education requirement for Health and/or Physical Education.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_204](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_204))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80600 001 F2F	-T-R---	09:30-10:50 AM	08/19/14-12/12/14	GYM 013	Brethauer S	20 of 20

## HPER 208 - Introduction to Exercise Physiology

This introduction to exercise physiology will introduce the effects of exercise on the muscular system, the cardiovascular system and the metabolic system. The course will prepare the student in the design of and principles for an individual exercise program. 3 hrs. lecture/wk. This course will not meet the general education requirement for Health and/or Physical Education.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_208](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_208))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80601 001 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	GYM 013	Taylor S	24 of 24
82690 002 F2F	-T-R---	11:00-12:20 PM	08/19/14-12/12/14		Taylor S	24 of 24

## HPER 220 - Sports Officiating

The rules and practical application of officiating will be covered for the following sports: volleyball, football, basketball, baseball and softball. 3 hrs. lecture/wk. This course will not meet the general education requirement for Health and/or Physical Education.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_220](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80602 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	ITC 185	Canary D	18 of 18



## HPER 224 - Outdoor Recreation

This course introduces the student to activities that create interaction between the individual and elements of the outdoor recreational setting. Outdoor Recreation Students study the fundamental basics of governmental, private, and public control of recreational lands. Outdoor recreation projects include a variety of outdoor activities, such as camping, hiking, nature observation, biking, rock climbing, canoeing, skiing, map & compass, outdoor safety and how to dress and pack for outdoor adventures. The course is typically a full semester course that can be offered online and/or face-to-face 3 hrs. lecture/wk. This course will not meet the general education requirement for Health and/or Physical Education.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_224](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_224))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80628 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Burgess C	25 of 25

Note: During this class students will communicate with the instructor and classmates regarding their outdoor recreational experiences and complete written assignments and tests online

80629 351 ONLINE	-----	-	09/22/14-12/12/14	Online	Burgess C	25 of 25
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Note: During this class students will communicate with the instructor and classmates regarding their outdoor recreational experiences and complete written assignments and tests online

## HPER 240 - Lifetime Fitness I

This course is designed to provide an effective exercise circuit system to help the student develop overall muscle tone and cardiovascular conditioning. The Lifetime Fitness and Wellness manual will emphasize the value of developing a total lifetime fitness attitude with optional lectures available to enhance the student's knowledge of the benefits of a lifetime fitness program. This course requires an initial orientation. After the orientation, the class becomes an open-lab format. Three 40 minute visits/wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_240](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80630 001 F2F	-----	-	08/18/14-12/12/14	GYM 103	Thompson S	500 of 500

Lifetime Fitness

Note: Lifetime Fitness I requires an initial hour and a half orientation, you must bring your new Lifetime Fitness and Wellness Manual, a pen, your JCCC ID and be on time. (A new manual is required due to copyright laws.) After the orientation, the class becomes an open-lab format. To schedule your orientation, or for more information, call 913-469-4432, or come up to the Fitness Center - Gym 103. Orientations will begin on Monday, August 11, 2014 and end on Thursday, September 4, 2014 or you will be dropped for non-attendance

80631 002 F2F	-----	-	08/25/14-12/12/14	GYM 103	Hall T	200 of 200
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Lifetime Fitness

Note: Lifetime Fitness I requires an initial hour and a half orientation, you must bring your new Lifetime Fitness and Wellness Manual, a pen, your JCCC ID and be on time. (A new manual is required due to copyright law s.) After the orientation, the class becomes an open-lab format. To schedule your orientation, or for more information, call 913-469-4432, or come up to the Fitness Center - Gym 103. Orientations will begin on Monday, August 11, 2014 and end on Thursday, September 4, 2014 or you will be dropped for non-attendance

Requirement: Department approval

82780	376 HYB	---R---	11:00-11:50 AM	09/08/14-12/11/14	GYM 021	Brown S	20 of 20
		-----	-	09/08/14-12/11/14	Online		

Lifetime Fitness

Mandatory Classroom Meetings

Note: During this class, students will communicate with the instructor regarding their fitness experiences and complete workouts using a heart rate monitor or similar tracking device. Initial required orientation and assessments will be done during the mandatory class times on campus

## HPER 241 - Lifetime Fitness II

This course is a continuation and expansion of Lifetime Fitness I. This course will meet the general education requirement for Health and/or Physical Education. 2 hrs./wk.

Credit Hours: 1

Prerequisite: HPER 240

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_241](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_241))

CRN		Days	Time	Date	Location	Instructor	Seats Open
80632	001 F2F	-----	-	08/18/14-12/12/14	GYM 103	Triplet P	150 of 150

Lifetime Fitness

81544	002 F2F	-----	-	08/25/14-12/12/14	GYM 103	Hall T	50 of 50
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Lifetime Fitness

Requirement: Department approval

## HPER 242 - Lifetime Fitness III

This course is a continuation and expansion of Lifetime Fitness II. This course will meet the general education requirement for Health and/or Physical Education. 2 hrs./wk.

Credit Hours: 1

Prerequisite: HPER 241

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_242](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_242))

CRN		Days	Time	Date	Location	Instructor	Seats Open
81545	001 F2F	-----	-	08/18/14-12/12/14	GYM 103	Hall T	100 of 100

Lifetime Fitness

Lifetime Fitness

Requirement: Department approval

## HPER 243 - Lifetime Fitness IV

This course is a continuation and expansion of Lifetime Fitness III. This course will meet the general education requirement for Health and/or Physical Education. This course may be repeated for credit towards graduation. 2 hrs./wk.

Credit Hours: 1

Prerequisite: HPER 242

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_243](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_243))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81547 001 F2F	-----	-	08/18/14-12/12/14	GYM 103	Dey R	150 of 150
Lifetime Fitness						
81548 002 F2F	-----	-	08/25/14-12/12/14	GYM 103	Hall T	100 of 100
Lifetime Fitness						
Requirement: Department approval						

## HPER 245 - Elementary Physical Education

This course is designed to meet the needs of students who wish to teach in the area of elementary physical education and/or elementary education. This course will provide the students with knowledge and background in planning, classroom management techniques, teaching methodology, legal liability, evaluation, wellness, special students, sports, activities and games related to elementary physical education. The course will include observation and teaching. 3 hrs.lecture/wk. This course will not meet the general education requirement for Health and/or Physical Education.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_245](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_245))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81619 001 F2F	-T-R---	09:30-10:50 AM	08/19/14-12/12/14	GYM 021	Stinson J	20 of 20

## HPER 255 - Introduction to Physical Education

This course will introduce the student to the field of physical education and sport. This course will discuss the historical, biomechanical, physiological and psychological foundations of physical education and sport. It will examine the role of physical activity as a means to help individuals acquire the skills, fitness levels and knowledge that

contribute to the arena of physical development and organized competition. It will also discuss the role physical education and sports play in our society. Each individual will develop a personal philosophy for physical education and sports. 3 hrs. lecture/wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER\\_255](http://catalog.jccc.edu/fall/coursedescriptions/hper/#HPER_255))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81620 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Mallory L	25 of 25
Note: All assignments and tests will be online						
81621 351 ONLINE	-----	-	08/18/14-12/12/14	Online	Mallory L	25 of 25
Note: All assignments and tests will be online						
81622 352 ONLINE	-----	-	08/18/14-12/12/14	Online	Mallory L	25 of 25
Note: All assignments and tests will be online						

## Humanities

### HUM 122 - Introduction to Humanities

This interdisciplinary study begins with a look at artistic and technical elements of several art forms, including painting, sculpture, architecture, music, theater, film, dance and literature. Major themes expressed in the works and their reflection of the values of their culture are also examined. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hum/#HUM\\_122](http://catalog.jccc.edu/fall/coursedescriptions/hum/#HUM_122))

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
80667 001 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	CC 344	Murphy J	35 of 35
80668 002 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CC 344	Hoare T	35 of 35
80669 003 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CC 344	Murphy J	35 of 35
80671 004 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	CC 344	Chen S	35 of 35
80672 005 F2F	M-W-F--	03:00-03:50 PM	08/18/14-12/12/14	CC 344	Carpenter W	35 of 35
80673 006 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	CC 344	Chen S	35 of 35
80674 007 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CC 344	Chen S	35 of 35
80675 008 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CC 344	McCarty L	35 of 35
80676 009 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	CC 344	Hoare T	35 of 35
80678 010 F2F	-T-R---	03:30-04:45 PM	08/19/14-12/12/14	CC 344	McCarty L	35 of 35

80679	011 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	CC 338	Domoney J	35 of 35
81911	012 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	CC 344	Hoare T	35 of 35
80680	350 ONLINE	-----	-	08/18/14-12/12/14	Online	Domoney J	25 of 25
80682	351 ONLINE	-----	-	08/18/14-12/12/14	Online	Garrett M	25 of 25
80683	352 ONLINE	-----	-	08/18/14-12/12/14	Online	Garrett M	25 of 25

## HUM 145 - Introduction to World Humanities I

This course will acquaint students with the arts and ideas of the world's major civilizations, from antiquity through the Renaissance. The approach will be interdisciplinary, covering the artistic values embodied in painting, sculpture, architecture, literature, theater, music and dance as they have emerged out of their historical contexts. In addition to providing the fundamental principles, methodologies and theories used in the study of the humanities, the course aims to enhance students' understanding of the contemporary world. 3 hrs. lecture/wk. This course is taught in the fall semester.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hum/#HUM\\_145](http://catalog.jccc.edu/fall/coursedescriptions/hum/#HUM_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
80684	001 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CC 344	Chen S	35 of 35

## HUM 155 - Classical Mythology

This course provides a systematic study of the myths and epic cycles of the Greeks and Romans in both literature and art and investigates their survival and metamorphosis in the literature and visual arts of Western Europe. In addition, this course provides several methodological frameworks with which to analyze several types of tales and their relation to history, religion, rituals and art. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hum/#HUM\\_155](http://catalog.jccc.edu/fall/coursedescriptions/hum/#HUM_155))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
80688	001 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CC 338	Bailes K	35 of 35
80690	002 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CC 338	Robertson M	35 of 35
80691	003 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	CC 338	Norcott-Mahany B	35 of 35
80692	350 ONLINE	-----	-	08/18/14-12/12/14	Online	Norcott-Mahany B	25 of 25
80693	351 ONLINE	-----	-	08/18/14-12/12/14	Online	Jackson J	25 of 25

## HUM 156 - Contemporary Approaches to World Mythology

This course provides a systematic study of world mythologies, where they appear in literature and art and their survival and metamorphosis in contemporary culture. The course provides several methodological frameworks with which to analyze myths and their relation to history, religion, ritual and art. Through the study and comparison of world mythologies, students are encouraged to evaluate their own perspectives and experiences in the context of human diversity. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hum/#HUM\\_156](http://catalog.jccc.edu/fall/coursedescriptions/hum/#HUM_156))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80695 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CC 338	Bailes K	35 of 35

## HUM 165 - Introduction to Chinese Culture

The course acquaints students with the ideas, culture, and arts of China, from its prehistory through the present day, using a thematic structure that reflects the interplay of diversity and unity that characterizes Chinese culture and history in ways that simultaneously conflict with and complement each other. The approach is interdisciplinary, examining a long tradition of philosophy and religion that permeates all aspects of Chinese life, the values embodied in various traditional and modern arts, and how nature, the environment and issues of sustainability are understood via Chinese schools of thought. In addition to developing students' appreciation of China's contribution to world culture, the course aims to enhance students' understanding of the contemporary world. 3hrs. lecture/wk. This course is taught in the fall semester.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hum/#HUM\\_165](http://catalog.jccc.edu/fall/coursedescriptions/hum/#HUM_165))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80696 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CC 344	Chen S	35 of 35

## Heating,Vent.,Air Conditioning

### HVAC 105 - HVAC Fundamentals

This is a beginning course in heating, ventilation and air conditioning technology that is appropriate for HVAC students. Upon successful completion of this course, the student should be able to identify the basic components of an air-conditioning system. Topics will include heat laws, refrigerants, oils and refrigeration cycles. In the lab, students will design, assemble and operate a working refrigeration system. Competencies will include brazing, wiring, evacuating and charging a system. 3 hrs. lecture/wk. and 3 hrs. lab/wk.

Credit Hours: 4

Associated Costs: \$30-100

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hvac/#HVAC\\_105](http://catalog.jccc.edu/fall/coursedescriptions/hvac/#HVAC_105))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83009 001 F2F	-T-R---	08:00-08:50 AM	08/19/14-12/12/14	ATB 127	TBA	18 of 18
	-T-R---	09:00-10:50 AM	08/19/14-12/12/14	ATB 148		

Kansas Senate Bill SB 155

83011 002 F2F	-T-R---	06:00-06:50 PM	08/19/14-12/12/14	ATB 127	TBA	18 of 18
	-T-R---	07:00-08:50 PM	08/19/14-12/12/14	ATB 148		

Kansas Senate Bill SB 155

## HVAC 110 - Electrical Fundamentals

This course is in electrical theory and is required for HVAC but is appropriate for all interested students. Common electrical components found in the HVAC industry are used to develop these skills. Upon successful completion of this course, the student should be able to identify electrical components and their relationships to the various repair and troubleshooting techniques. 3 hrs. lecture/wk. and 3 hrs. lab/wk.

Credit Hours: 4

Associated Costs: \$30-150

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hvac/#HVAC\\_110](http://catalog.jccc.edu/fall/coursedescriptions/hvac/#HVAC_110))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83010 001 F2F	-T-R---	11:30-12:20 PM	08/19/14-12/12/14	ATB 164A	TBA	18 of 18
	-T-R---	12:30-02:20 PM	08/19/14-12/12/14	ATB 164A		

Kansas Senate Bill SB 155

83008 002 F2F	M-W----	06:00-06:50 PM	08/18/14-12/12/14	ATB 164A	TBA	18 of 18
	M-W----	07:00-08:50 PM	08/18/14-12/12/14	ATB 164A		

Kansas Senate Bill SB 155

## HVAC 125 - Energy Alternatives

Upon successful completion of this course, the student should be able to identify diverse methods of alternate energy production. Some of the technologies that will be discussed are wind energy, photoelectric energy, nuclear energy, hydroelectric energy, biomass and alternate fuel vehicles. Students will understand the advantages of using various alternate energy technologies, the effects or by-products of each and the problems that might be encountered. Some student research will be included in the context of the course. Emphasis will be on the most promising or effective alternate energy technologies available. 2 hrs. lecture/wk.

Credit Hours: 2

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hvac/#HVAC\\_125](http://catalog.jccc.edu/fall/coursedescriptions/hvac/#HVAC_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81552 001 F2F	-T-----	11:30-01:20 PM	08/19/14-12/12/14	ATB 131	TBA	18 of 18

Kansas Senate Bill SB 155

## HVAC 136 - Heating System Fundamentals

Upon successful completion of this course, the student should be able to identify all the components and accessories in residential heating systems. Emphasis will be on the electrical diagrams and mechanical principles. Practical instruction in service diagnostic procedures for efficient operation, maintenance and troubleshooting of these systems make up the lab portion of the course. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$30-150

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hvac/#HVAC\\_136](http://catalog.jccc.edu/fall/coursedescriptions/hvac/#HVAC_136))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83005 001 F2F	M-W----	08:00-08:50 AM	08/18/14-12/12/14	ATB 127	TBA	18 of 18
	M-W----	09:00-10:20 AM	08/18/14-12/12/14	ATB 148		

Kansas Senate Bill SB 155

83012 002 F2F	-T-R--	06:00-06:50 PM	08/18/14-12/12/14	ATB 128	TBA	18 of 18
	-T-R--	07:00-08:20 PM	08/18/14-12/12/14	ATB 148		

Kansas Senate Bill SB 155

## HVAC 142 - Load Calculations

Upon successful completion of this course, students will be able to perform the load calculations for residential and commercial HVAC applications. The students will be using the Air Conditioning Contractors of America (ACCA) Manual J and Manual N. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

Credit Hours: 3

Prerequisite: HVAC 105

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hvac/#HVAC\\_142](http://catalog.jccc.edu/fall/coursedescriptions/hvac/#HVAC_142))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83006 001 F2F	M-W----	08:00-08:50 AM	08/18/14-12/12/14	ATB 131	TBA	18 of 18
	M-W----	09:00-10:20 AM	08/18/14-12/12/14	ATB 155		

Kansas Senate Bill SB 155



## HVAC 164 - EAP 608 Refrigerant Management

The student should have a complete understanding and knowledge of the characteristics of several different types of refrigerants and the correct usage. Upon completion of this course, the student should be able to pass the examination set forth by a third-party testing facility. 1 hr. lecture/wk.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hvac/#HVAC\\_164](http://catalog.jccc.edu/fall/coursedescriptions/hvac/#HVAC_164))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83018 001 F2F	----F--	08:00-05:00 PM	10/03/14-10/10/14	ATB 128	TBA	16 of 16

Kansas Senate Bill SB 155

## HVAC 165 - 410-A Refrigerant Management

Upon completion of this course, the students should be able to understand nuances of new refrigerants on the market. The student should have a complete understanding and knowledge of the characteristics of R-410-A. Upon completion of this course, the student should be able to pass the examination set forth by a third-party testing facility. 1 hr. lecture/wk.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hvac/#HVAC\\_165](http://catalog.jccc.edu/fall/coursedescriptions/hvac/#HVAC_165))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83019 001 F2F	----F--	08:00-05:00 PM	11/07/14-11/14/14	ATB 128	TBA	16 of 16

Kansas Senate Bill SB 155

## HVAC 167 - Sheet Metal Layout and Fabrication

Upon successful completion of this course, the student should be able to identify the components, equipment and operation for sheet metal layout and fabrication. Practice problems are included at the end of each unit in order to provide the student with an opportunity to apply the methods attained by sheet metal layout. Shop facilities are available. The patterns will be fabricated and joined into a line of fittings. This gives the most complete test of pattern accuracy and also provides the experience needed by a competent layout person. The student will be required to provide ANSI Z87 safety glasses and may be expected to provide other basic hand tools and/or equipment. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$30 to 150

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hvac/#HVAC\\_167](http://catalog.jccc.edu/fall/coursedescriptions/hvac/#HVAC_167))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81550 001 F2F	M-W----	11:00-11:50 AM	08/18/14-12/12/14	ATB 164A	TBA	18 of 18
	M-W----	12:00-01:20 PM	08/18/14-12/12/14	ATB 168C		

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81551 002 F2F	M-W----	06:00-06:50 PM	08/18/14-12/12/14	ATB 142	TBA	18 of 18
	M-W----	07:00-08:50 PM	08/18/14-12/12/14	ATB 168C		

Kansas Senate Bill SB 155

## HVAC 231 - HVAC Rooftop Units

Topics will include electrical controls and economizers of various rooftop units, roof curbs, installation, service, diagnosis, evacuation and charging of typical light commercial rooftop units. The student will be required to provide ANSI Z87 safety glasses and may be expected to provide other basic hand tools and/or equipment. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$30 to 150

Prerequisites: (HVAC 105 or HVAC 121) AND (HVAC 110 or HVAC 123)

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hvac/#HVAC\\_231](http://catalog.jccc.edu/fall/coursedescriptions/hvac/#HVAC_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81549 001 F2F	M-W----	11:00-11:50 AM	08/18/14-12/12/14	ATB 127	TBA	18 of 18
	M-W----	12:00-01:20 PM	08/18/14-12/12/14	ATB 148		

Kansas Senate Bill SB 155

## HVAC 242 - Duct Design and Equipment Selection

Upon successful completion of this course, the student should be able to determine proper sizing of residential HVAC equipment and duct work to meet the requirements for high-quality climate control systems. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$30-150

sPrerequisite: HVAC 105 or HVAC 121

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hvac/#HVAC\\_242](http://catalog.jccc.edu/fall/coursedescriptions/hvac/#HVAC_242))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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83013 001 F2F -T-R--- 06:00-06:50 PM 08/19/14-12/12/14 ATB 125 TBA 18 of 18

-T-R--- 07:00-08:20 PM 08/19/14-12/12/14 ATB 155

Kansas Senate Bill SB 155

## HVAC 250 - HVAC Installation and Start-up Procedures

Upon successful completion of this course, the student will be able to identify techniques and procedures to install new systems and retrofit systems. Topics include initial start-up, maintenance of furnaces and air conditioners, electrical requirements, permits and inspections, combustion air, sheet metal and applying mechanical standards. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$30-150

Prerequisites or Corequisites: (HVAC 201 or HVAC 221) AND (HVAC 236 or HVAC 223)

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/hvac/#HVAC\\_250](http://catalog.jccc.edu/fall/coursedescriptions/hvac/#HVAC_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83007 001 F2F	M-W----	02:00-02:50 PM	08/18/14-12/12/14	ATB 127	TBA	18 of 18
	M-W----	03:00-04:20 PM	08/18/14-12/12/14	ATB 148		

Kansas Senate Bill SB 155

## Industrial Technology

### INDT 125 - Industrial Safety/OSHA 30

This course introduces the student to basic safety policies, procedures, and regulations. The student should be able to list various safety, health, and environmental topics, and recognize the need for an ongoing safety program. Upon successful completion of this course, including attendance and grade requirements, the students may be eligible for the OSHA General Industry Health and Safety Training card. 3 hr. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/indt/#INDT\\_125](http://catalog.jccc.edu/fall/coursedescriptions/indt/#INDT_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80624 001 F2F	--W-F--	10:30-11:45 AM	08/20/14-12/12/14	ITC 122	Gilmore S	20 of 20
80625 002 F2F	--W----	02:00-04:50 PM	08/20/14-12/12/14	ATB 131	Gilmore S	20 of 20
80626 003 F2F	---R---	12:00-02:50 PM	08/21/14-12/12/14	ATB 131	Gilmore S	20 of 20

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80627 004 F2F -T----- 02:00-04:50 PM 08/19/14-12/12/14 ATB 131 Gilmore S 20 of 20

Kansas Senate Bill SB 155

80547 005 F2F -----S- 08:00-05:00 PM 08/23/14-09/27/14 ATB 127 Burks D 25 of 25

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## INDT 155 - Workplace Skills

Upon successful completion of this course, the student should be able to identify the job skills necessary to have a successful career in the field of his or her choosing. Topics include listening skills, oral communication, human relations, decision making/problem solving, how to work as a team, time and resource management, work ethics and career planning. 1 hr. lecture/wk.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/indt/#INDT\\_155\)](http://catalog.jccc.edu/fall/coursedescriptions/indt/#INDT_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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80525 001 F2F	----F--	01:00-01:50 PM	08/22/14-12/12/14	ATB 127	Bedell T	30 of 30
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Kansas Senate Bill SB 155

80527 002 F2F	M-----	05:00-05:50 PM	08/18/14-12/12/14	ITC 183	Bedell T	18 of 18
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Kansas Senate Bill SB 155

80529 003 F2F	----F--	09:30-10:20 AM	08/22/14-12/12/14	ATB 127	Bedell T	17 of 17
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Kansas Senate Bill SB 155

82337 004 F2F	-----SU	08:00-05:00 PM	10/11/14-10/12/14	ATB 127	Bedell T	30 of 30
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Kansas Senate Bill SB 155

## Interpreter Training

### INTR 122 - Intermediate American Sign Language I

This course will focus on the development of intermediate American Sign Language communication skills. Comprehension skills and linguistic features of the language taught in context will be emphasized. 6 hrs. integrated lecture/lab/wk. The daytime sections only are open to students in the interpreter training program. INTR 122, FL 270 and ASL 122 are the same courses; only enroll in one.

Credit Hours: 3

Associated Costs: \$10 to 20

Prerequisite: INTR 121 or ASL 121 or FL 181 with a grade of "C" or higher and Corequisite: Students accepted in the interpreter training program must take corequisites of INTR 130 and INTR 126 and (INTR 147 or ASL 145) and (INTR 145 or ASL 145) all with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/intr/#INTR\\_122](http://catalog.jccc.edu/fall/coursedescriptions/intr/#INTR_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82421 001 F2F	M-W-F--	08:00-09:50 AM	08/18/14-12/12/14	GEB 215	Luton D	8 of 8
Kansas Senate Bill SB 155						
82422 002 F2F	M-W-F--	11:30-01:20 PM	08/18/14-12/12/14	GEB 215	Luton D	8 of 8
Kansas Senate Bill SB 155						

## INTR 126 - Classifiers in American Sign Language

The course will provide an in-depth analysis of classifiers in ASL through discussion and demonstration of the three different categories of classifiers in ASL: representative classifiers (noun and its action), descriptive classifiers (size-and-shape, extent, perimeter, pattern and texture), and instrumental classifiers (manipulative and handle). Students will learn to comprehend and produce classifiers from all three categories. 4 hrs. integrated lecture/lab/wk.

Credit Hours: 2

Associated Costs: \$400 to 500

Prerequisites: INTR 121 or ASL 121 with grade of "C" or higher and acceptance in the interpreter training program  
Corequisites: (INTR 122 or ASL 122) and INTR 130 and (INTR 147 or ASL 147) and (INTR 145 or ASL 145)

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/intr/#INTR\\_126](http://catalog.jccc.edu/fall/coursedescriptions/intr/#INTR_126))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82425 001 F2F	-T-R---	08:00-09:50 AM	08/19/14-12/12/14	GEB 215	Symansky R	10 of 10
Kansas Senate Bill SB 155						
82427 002 F2F	-T-R---	02:00-03:50 PM	08/19/14-12/12/14	GEB 311	Symansky R	10 of 10
Kansas Senate Bill SB 155						

## INTR 130 - Survey of the Interpreting Profession

This course provides an introduction to interpreting as an occupation. Students will come to understand interpersonal communication skills, professional ethics, parameters of responsibilities, community resources and legal ramifications as they relate to the interpreter. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10 to 50

Prerequisites: INTR 121 or FL 181 or ASL 121 with a grade of "C" or higher and acceptance in the interpreter training program  
Corequisites: (INTR 122 or ASL 122) and INTR 126 and (INTR 147 or ASL 147) and (INTR 145 or ASL 145) all with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/intr/#INTR\\_130](http://catalog.jccc.edu/fall/coursedescriptions/intr/#INTR_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82432 001 F2F	---R---	10:00-12:50 PM	08/21/14-12/12/14	GEB 215	Kuhns K	30 of 30

## INTR 145 - Introduction to the Deaf Community

This course will prepare students to develop and recognize the diversity within the Deaf Community, significant events and figures in Deaf History, and basic norms and values of Deaf Culture. Students will examine and compare Deaf Culture and hearing culture in America. The daytime sections are open only to students in the interpreter training program. 3 hrs. lecture/wk. INTR 145 and ASL 145 are the same course; do not enroll in both.

Credit Hours: 3

Associated Costs: \$10 to 50

Prerequisite: Acceptance to interpreter training program and Prerequisite or corequisite: ANTH 125 and SPD 120 for Interpreter Training Program Corequisites for Interpreter Training Prog: INTR 122 and INTR 126 and INTR 130 and INTR 147 all with a grade of "C" or higher Note: Prerequisite or corequisite of INTR 120 or ASL 120 or FL 180 required for students in the American Sign Language Studies Certificate

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/intr/#INTR\\_145](http://catalog.jccc.edu/fall/coursedescriptions/intr/#INTR_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82430 001 F2F	-T-----	10:00-12:50 PM	08/19/14-12/12/14	GEB 215	Kuhns K	30 of 30

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## INTR 147 - Fingerspelling I

Students will work on developing beginning expressive and receptive fingerspelling skills based on word recognition principles. 3 hrs. integrated lecture/lab/wk. The daytime sections are open only to students in the interpreter training program. INTR 147 and ASL 147 are the same course; do not enroll in both.

Note: INTR 147 and ASL 147 are the same course; do not enroll in both

Credit Hours: 2

Prerequisite: INTR 121 or FL 181 or ASL 121 with a grade of "C" or higher and Corequisites: For students accepted in the interpreter training program, enroll in: (INTR 122 or ASL 122) and INTR 126 and INTR 130 and (INTR 145 or ASL 145) all with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/intr/#INTR\\_147](http://catalog.jccc.edu/fall/coursedescriptions/intr/#INTR_147))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82434 001 F2F	M-W----	10:00-11:20 AM	08/18/14-12/12/14	GEB 215	Luton D	30 of 30

## INTR 181 - Interpreting Practicum I

Students will observe skilled interpreters in various interpreting situations in a variety of settings during the semester. 2 hrs. lab, field work/wk.

Credit Hours: 1

Associated Costs: \$10 to 50

Prerequisites: INTR 130 and INTR 145 with a grade of "C" or higher and Corequisites: INTR 223 and INTR 226 and INTR 250 all with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/intr/#INTR\\_181](http://catalog.jccc.edu/fall/coursedescriptions/intr/#INTR_181))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82437 500 INT	-----	-	08/18/14-12/12/14	Online	Storme S	20 of 20

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Note: For more information, contact the instructor, Stacey Storme at [ssorme@jccc.edu](mailto:ssorme@jccc.edu).

## INTR 223 - Advanced American Sign Language

This course is a continuation of Intermediate American Sign Language II. Students will learn about culturally significant topics related to the Deaf community, more complex ASL grammatical features and conversational skill development. Comprehension skills and linguistic features of ASL will be taught to a variety of contexts in simulated, typical interaction. Students will have opportunities to utilize what they learn about advanced ASL through class activities, dialogues, short stories, general conversations and class discussions. Sign comprehension and production skills will be emphasized. This course meets for six hours of internship/week.

Credit Hours: 3

Associated Costs: \$10 to 25

Prerequisite: INTR 123 or ASL 123 or FL 271 with a grade of "C" or higher Corequisites: INTR 250 and INTR 226 and INTR 181 all with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/intr/#INTR\\_223](http://catalog.jccc.edu/fall/coursedescriptions/intr/#INTR_223))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82448 001 F2F	M-W-F--	08:00-09:50 AM	08/18/14-12/12/14	CC 318	Symansky R	7 of 7

Kansas Senate Bill SB 155

82450 002 F2F	M-W-F--	10:00-11:50 AM	08/18/14-12/12/14	CC 318	Symansky R	7 of 7
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Kansas Senate Bill SB 155

## INTR 226 - Specialized and Technical Vocabulary

This course will expand the interpreter training students' vocabulary related to specialized and technical contexts. Students will discuss vocabulary use in a variety of contexts to include socially restricted terms and phrases Deaf people use; colloquialisms; varying registers; terminology in medical, mental health, religion, sex, drugs; and strong language in ASL. Students' development of comprehension and production skills in common formal and informal settings will be emphasized. Students will also discuss Signing Exact English (SEE II) and the differences from American Sign Language (ASL). 4 hrs. integrated lecture-lab/wk.

Credit Hours: 2

Associated Costs: \$10 to 50

Prerequisite: INTR 123 or ASL 123 with a grade of "C" or higher Corequisites: INTR 181 and INTR 250 and INTR 223 all with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/intr/#INTR\\_226](http://catalog.jccc.edu/fall/coursedescriptions/intr/#INTR_226))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82454 001 F2F	-T-R---	08:00-09:50 AM	08/19/14-12/12/14		Luton D	7 of 7
Kansas Senate Bill SB 155						
82457 002 F2F	-T-R---	10:00-11:50 AM	08/19/14-12/12/14	SCI 216	Luton D	7 of 7
Kansas Senate Bill SB 155						

## INTR 250 - Interpreting I

In this introduction to interpreting principles, emphasis will be on English-to-ASL and ASL-to-English skills. Students will participate in sequential drills and apply these skills in class. 10 hrs. integrated lecture/lab/wk.

Credit Hours: 6

Associated Costs: \$10 to 50

Prerequisite: INTR 131 with a grade of "C" or higher Corequisites: INTR 181 and INTR 223 and INTR 226 all with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/intr/#INTR\\_250](http://catalog.jccc.edu/fall/coursedescriptions/intr/#INTR_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82460 001 F2F	MTWRF--	08:00-09:50 AM	08/18/14-12/12/14	GEB 311	Storme S	7 of 7
Kansas Senate Bill SB 155						
82465 002 F2F	MTWRF--	10:00-11:50 AM	08/18/14-12/12/14	GEB 311	Storme S	7 of 7
Kansas Senate Bill SB 155						



# IT 140 - Networking Fundamentals

This course serves as the first module of four that are designed to prepare students to complete the Cisco Certified Network Associate (CCNA) Certification. The course introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. The principles and structure of IP addressing and the fundamentals of Ethernet concepts, media, and operations are introduced to provide a foundation for the CCNA curriculum. By the end of the course, students will be able to build simple LANs, perform basic configurations for routers and switches, and implement IP addressing schemes. 3 hrs. lecture 2 hrs. open lab/wk

Credit Hours: 4

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/it/#IT\\_140](http://catalog.jccc.edu/fall/coursedescriptions/it/#IT_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82257 376 HYB	M-----	06:00-07:50 PM	08/18/14-12/12/14	RC 350	Al-Rawi A	15 of 15
	-----	-	08/18/14-12/12/14	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						
82258 377 HYB	-T-----	10:00-11:50 AM	08/19/14-12/12/14	RC 350	Renfro T	15 of 15
	-----	-	08/19/14-12/12/14	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						
82259 378 HYB	-T-----	01:00-02:50 PM	08/19/14-12/12/14	RC 350	Renfro T	15 of 15
	-----	-	08/19/14-12/12/14	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						
82268 379 HYB	--W----	01:00-02:50 PM	08/20/14-12/12/14	RC 350	Renfro T	15 of 15
	-----	-	08/20/14-12/12/14	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						
82271 380 HYB	--W----	06:00-07:50 PM	08/20/14-12/12/14	RC 350	Renfro T	15 of 15
	-----	-	08/20/14-12/12/14	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						
82274 381 HYB	---R---	01:00-02:50 PM	08/21/14-12/12/14	RC 350	Renfro T	15 of 15
	-----	-	08/21/14-12/12/14	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						
82277 382 HYB	----F--	06:00-07:50 PM	08/22/14-12/12/14	RC 350	Holdsworth R	15 of 15

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

## IT 145 - Routing and Switching Essentials

This course is designed to provide students with a fundamental understanding of network routing and switching. Students successfully completing this course will be able to configure and troubleshoot routers and switches and resolve common issues with RIP (Routing Information Protocol) and OSPF (Open Shortest Path First) in IPv4 and IPv6 (Internet Protocol version 4 and 6) networks. Laboratory exercises will accompany lectures. 3 hrs. lecture, 2 hrs. open lab/wk

Credit Hours: 3

Prerequisites: IT 140

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/it/#IT\\_145](http://catalog.jccc.edu/fall/coursedescriptions/it/#IT_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82278 376 HYB	-T-----	10:00-11:50 AM	08/19/14-12/12/14	RC 352	Akkam M	15 of 15
	-----	-	08/19/14-12/12/14	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						
82279 377 HYB	-T-----	06:00-07:50 PM	08/19/14-12/12/14	RC 352	Akkam M	15 of 15
	-----	-	08/19/14-12/12/14	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						
82280 378 HYB	--W----	10:00-11:50 AM	08/20/14-12/12/14	RC 352	Akkam M	15 of 15
	-----	-	08/20/14-12/12/14	Online		

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Mandatory Classroom Meetings

## IT 203 - Voice Over IP Fundamentals

This course is designed to provide students with the fundamentals of Voice over IP (VoIP) networking technology. Concepts covered include an explanation of the national voice and data network, telephony terminology, VoIP protocol analysis and telephony survey techniques. 2 hrs. lecture, 2 hrs. instructional lab, 1 hr. open lab/wk.

Credit Hours: 4

Prerequisite: IT 145

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/it/#IT\\_203](http://catalog.jccc.edu/fall/coursedescriptions/it/#IT_203))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82281 001 F2F	M-----	06:00-09:50 PM	08/18/14-12/12/14	RC 352	Syed M	15 of 15

Kansas Senate Bill SB 155

## IT 205 - Implementing Windows Client

The focus of this course is the use of Microsoft Windows as an operating system in a business environment. Planning a simple network system, installation and configuration of the software and hardware, resource management, connectivity, running application software under Windows, monitoring and optimizing system hardware, and troubleshooting all lead the student to a deeper understanding of local area network use and administration. 2 hrs. lecture, 2 hrs. instructional lab, 1 hr. open lab/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/it/#IT\\_205](http://catalog.jccc.edu/fall/coursedescriptions/it/#IT_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82282 376 HYB	M-----	10:00-11:50 AM	08/18/14-12/12/14	RC 340	Gordon J	15 of 15
	-----	-	08/18/14-12/12/14	Online		

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Mandatory Classroom Meetings

82283 377 HYB	----F--	01:00-02:50 PM	08/22/14-12/12/14	RC 340	TBA	15 of 15
	-----	-	08/22/14-12/12/14	Online		

Mandatory Classroom Meetings

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82287 378 HYB	-T-R---	06:00-07:50 PM	08/19/14-10/09/14	RC 340	TBA	15 of 15
	-----	-	08/19/14-10/09/14	Online		

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

## IT 209 - Scaling Network

This course is designed to provide students with the necessary knowledge and skills to interconnect and configure routers and switches in large networks. Students successfully completing this course should be able to perform switch and router administration tasks including installing, configuring and troubleshooting. Students will build networks based on the hierarchical design model supported by virtual Local Area Networks (VLANs), Spanning Tree Protocol (STP), Open Shortest Path First (OSPF) and Enhanced Interior Gateway Routing Protocol (EIGRP) in Internet Protocol Version 4 and 6 (IPv4 and IPv6) networks. 3\_hrs. lecture, 2 hrs. open lab/wk.

Credit Hours: 4

Prerequisite: IT 145

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/it/#IT\\_209](http://catalog.jccc.edu/fall/coursedescriptions/it/#IT_209))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82293 376 HYB	M-----	01:00-02:50 PM	08/18/14-12/12/14	RC 350	Al-Rawi A	15 of 15
	-----	-	08/18/14-12/12/14	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						
82297 377 HYB	---R---	06:00-07:50 PM	08/21/14-12/12/14	RC 350	Al-Rawi A	15 of 15
	-----	-	08/21/14-12/12/14	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						
82307 378 HYB	----F--	06:00-07:50 PM	08/22/14-12/12/14	RC 352	TBA	15 of 15
	-----	-	08/22/14-12/12/14	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						

## IT 221 - Windows Server

This course is designed to provide students with the knowledge and skills to perform competently in the role of a network administrator utilizing the Windows network operating system. Students completing this course will be able to accomplish basic fundamental network management tasks, including planning server roles and subsequent requirements, planning the network file system, implementing user accounts and file system security, implementing network printing, and managing the network servers. 2 hrs. lecture, 2 hrs. instructional lab, 1 hr. open lab/wk.

Credit Hours: 3

Prerequisites: IT 205

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/it/#IT\\_221](http://catalog.jccc.edu/fall/coursedescriptions/it/#IT_221))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82308 376 HYB	--W----	01:00-02:50 PM	08/20/14-12/12/14	RC 340	Gordon J	15 of 15
	-----	-	08/20/14-12/12/14	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						
82300 377 HYB	--W----	06:00-07:50 PM	08/20/14-12/12/14	RC 352	Gordon J	15 of 15
	-----	-	08/20/14-12/12/14	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						
82309 378 HYB	-T-R---	06:00-07:50 PM	10/14/14-12/12/14	RC 340	TBA	15 of 15
	-----	-	10/14/14-12/12/14	Online		

## IT 225 - Windows Active Directory Services

The focus of this course is using Microsoft Windows Server or Advanced Server software to install, configure and troubleshoot Active Directory components, Domain Name Space (DNS) for Active Directory and Active Directory security solutions. The course also emphasizes the skills required to manage, monitor and optimize the desktop environment using Group Policy. 2 hrs. lecture, 2 hrs. instructional lab, 1 hr. open lab/wk.

Credit Hours: 3

Prerequisite: IT 221

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/it/#IT\\_225](http://catalog.jccc.edu/fall/coursedescriptions/it/#IT_225))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82310 376 HYB	M-W----	06:00-07:50 PM	08/18/14-10/08/14	RC 340	Carney R	15 of 15
	-----	-	08/18/14-10/08/14	Online		

Kansas Senate Bill SB 155  
Mandatory Classroom Meetings

82311 377 HYB	--W----	01:00-02:50 PM	08/20/14-12/12/14	RC 346	Carney R	15 of 15
	-----	-	08/20/14-12/12/14	Online		

Mandatory Classroom Meetings  
Kansas Senate Bill SB 155

## IT 230 - Linux Fundamentals

This course is designed to provide students with a fundamental understanding of the Linux operating system environment. Students successfully completing this course will be able to execute common Linux commands and utilities; and accomplish system tasks such as navigating the file system, applying file system security, managing user accounts, using the printing environment, and utilizing the resources of a basic Linux system. 2 hrs. lecture, 2 hrs. instructional lab, 1 hr. open lab/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/it/#IT\\_230](http://catalog.jccc.edu/fall/coursedescriptions/it/#IT_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82312 376 HYB	M-----	01:00-02:50 PM	08/18/14-12/12/14	RC 346	Gordon J	15 of 15
	-----	-	08/18/14-12/12/14	Online		

Kansas Senate Bill SB 155  
Mandatory Classroom Meetings

82313	377 HYB	M-----	06:00-07:50 PM	08/18/14-12/12/14	RC 346	Golden T	15 of 15
		-----	-	08/18/14-12/12/14	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155							
82314	378 HYB	--W----	10:00-11:50 AM	08/20/14-12/12/14	RC 346	Gordon J	15 of 15
		-----	-	08/20/14-12/12/14	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155							
82315	379 HYB	---R---	06:00-07:50 PM	08/21/14-12/12/14	RC 346	Golden T	15 of 15
		-----	-	08/21/14-12/12/14	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings							

## IT 231 - Linux Administration

This course is designed to provide students with the necessary knowledge and skills to perform competently as a Linux system administrator. Students successfully completing this course should be able to perform basic system administration tasks including installing, configuring and troubleshooting a basic Linux system, managing devices, implementing the printing environment, installing software packages, and configuring the graphical user interface. 2 hrs. lecture, 2 hrs. instructional lab, 1 hr. open lab/wk.

Credit Hours: 3

Prerequisite: IT 230

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/it/#IT\\_231](http://catalog.jccc.edu/fall/coursedescriptions/it/#IT_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
82316	376 HYB	M-----	10:00-11:50 AM	08/18/14-12/12/14	RC 346	Urbom C	15 of 15
		-----	-	08/18/14-12/12/14	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings							
82317	377 HYB	--W----	06:00-07:50 PM	08/20/14-12/12/14	RC 346	Fuller M	15 of 15
		-----	-	08/20/14-12/12/14	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155							

## IT 245 - Network Infrastructure

This course is designed to provide an in-depth understanding of the ability to install, manage, monitor, configure and troubleshoot DNS, DHCP, Remote Access, Network Protocols, IP Routing and WINS in a Windows 2000 network infrastructure. In addition, it will provide an in-depth understanding of the ability to manage, monitor and troubleshoot

Network Address Translation and Certificate Services. Laboratory exercises will accompany the lectures. 2 hrs. lecture, 2 hrs. instructional lab, 1 hr. open lab/wk.

Credit Hours: 3

Prerequisite: IT 221

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/it/#IT\\_245](http://catalog.jccc.edu/fall/coursedescriptions/it/#IT_245))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82318 376 HYB	----F--	06:00-07:50 PM	08/22/14-12/12/14	RC 340	Mortell G	15 of 15
	-----	-	08/22/14-12/12/14	Online		

Kansas Senate Bill SB 155  
Mandatory Classroom Meetings

82319 377 HYB	M-W----	06:00-07:50 PM	10/13/14-12/03/14	RC 340	Carney R	15 of 15
	-----	-	10/13/14-12/03/14	Online		

Mandatory Classroom Meetings  
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## IT 247 - Accessing Wide Area Networks

The goal is to develop an understanding of various Wide Area Network (WAN) technologies to connect medium-size business networks. The course focuses on WAN technologies including Point-to-Point Protocol (PPP), Frame Relay and broadband links. WAN security concepts are discussed in detail, including types of threats, how to analyze network vulnerabilities, and general methods for mitigating common security threats. The course explains the principles of Access Control Lists (ACLs) and describes how to implement IP addressing services for an enterprise network, including Network Address Translation (NAT) and Dynamic Host Configuration Protocol (DHCP). IPv6 addressing concepts are also discussed. Finally, students learn how to troubleshoot and correct common network implementation issues. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Prerequisites: IT 145 and IT 209

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/it/#IT\\_247](http://catalog.jccc.edu/fall/coursedescriptions/it/#IT_247))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82322 376 HYB	-T-----	06:00-07:50 PM	08/19/14-12/12/14	RC 350	Al-Rawi A	15 of 15
	-----	-	08/19/14-12/12/14	Online		

Kansas Senate Bill SB 155  
Mandatory Classroom Meetings

82324 377 HYB	---R---	10:00-11:50 AM	08/21/14-12/12/14	RC 350	Al-Rawi A	15 of 15
	-----	-	08/21/14-12/12/14	Online		

## IT 251 - Network Security Fundamentals

This course is designed to provide students with a fundamental understanding of network security principles and implementation. Topics covered include authentication, the types of attacks and malicious code that may be used against computer networks, the threats and countermeasures for e-mail, Web applications, remote access, and file and print services. A variety of security topologies will be discussed as well as technologies and concepts used for providing secure communication channels, secure internetworking devices, intrusion detection systems, and firewalls. Hands-on exercises will be used to reinforce the concepts. 3 hrs. lecture, 2 hrs. open lab/wk.

Credit Hours: 4

Prerequisite: IT 247

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/it/#IT\\_251](http://catalog.jccc.edu/fall/coursedescriptions/it/#IT_251))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82325 376 HYB	---R---	10:00-11:50 AM	08/21/14-12/12/14	RC 352	Akkam M	15 of 15
	-----	-	08/21/14-12/12/14	Online		

Kansas Senate Bill SB 155  
Mandatory Classroom Meetings

82327 377 HYB	---R---	06:00-07:50 PM	08/21/14-12/12/14	RC 352	Wehr W	15 of 15
	-----	-	08/21/14-12/12/14	Online		

Mandatory Classroom Meetings  
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## IT 271 - Information Technology Internship I

This course affords the student the opportunity to apply classroom knowledge to an actual work environment. It will provide advanced information technology students with appropriate on-the-job experience with area employers, under instructional oversight, which will promote the student's career goals. Student will work a total of 300 hours a semester at an approved job site.

Credit Hours: 3

Prerequisites: IT 210 or IT 221 or IT 230 and department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/it/#IT\\_271](http://catalog.jccc.edu/fall/coursedescriptions/it/#IT_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82329 500 INT	-----	-	08/18/14-12/12/14	RC	Akkam M	5 of 5

Kansas Senate Bill SB 155



Requirement: Department approval

## IT 272 - Information Technology Internship II

This course is a continuation of IT 271, Internship I. It provides the student additional opportunity to apply classroom knowledge to an actual work environment. Students will work a total of 300 hours per semester at an approved job site.

Credit Hours: 3

Prerequisites: IT 271 and department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/it/#IT\\_272](http://catalog.jccc.edu/fall/coursedescriptions/it/#IT_272))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82330 500 INT	-----	-	08/18/14-12/12/14	RC	Akkam M	5 of 5

Kansas Senate Bill SB 155

Requirement: Department approval

## IT 292 - Special Topics:

This course periodically presents specialized topics in computer networking that are not available in the regularly offered curriculum. Special Topics may be repeated for credit; but only on different topics.

Credit Hours: 2

Prerequisite: Department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/it/#IT\\_292](http://catalog.jccc.edu/fall/coursedescriptions/it/#IT_292))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82333 377 HYB	-T-----	06:00-06:50 PM	08/19/14-12/12/14	RC 346	Camey R	15 of 15
	-----	-	08/19/14-12/12/14	Online		

Special Topics: Virtualization Technologies

Mandatory Classroom Meetings

Requirement: Department approval

82334 378 HYB	-T-----	07:00-07:50 PM	08/19/14-12/12/14	RC 346	Camey R	15 of 15
	-----	-	08/19/14-12/12/14	Online		

Special Topics: VMware Applications

Mandatory Classroom Meetings

Requirement: Department approval

82335 379 HYB	-T-----	08:00-08:50 PM	08/19/14-12/12/14	RC 346	Camey R	15 of 15
	-----	-	08/19/14-12/12/14	Online		

Special Topics: Storage Networking

Mandatory Classroom Meetings

Requirement: Department approval

82336	380 HYB	-T-----	09:00-09:50 PM	08/19/14-12/12/14	RC 346	Carney R	15 of 15
		-----	-	08/19/14-12/12/14	Online		

Special Topics: NetApp Applications

Mandatory Classroom Meetings

Requirement: Department approval

## Interior Design

Missouri residents, see Reverse Cooperative Information (<http://www.jccc.edu/cooperative/cooperative-mcc-residents.html>)

## ITMD 121 - Interior Design

This course provides basic, introductory knowledge about interior design. Upon successful completion of this course, the student should understand the significance of interior design, complete projects using the elements and principles of design and color theory in interior spaces, use space planning skills to arrange furniture on a floor plan, and present the floor plan and its decorative scheme. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$75 to 100

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD\\_121\)](http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD_121)

[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81345 001 F2F	M-W----	03:30-04:45 PM	08/18/14-12/12/14	GEB 356	Grube K	20 of 20

Kansas Senate Bill SB 155

81346 002 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	GEB 356	Grube K	20 of 20
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Kansas Senate Bill SB 155

81347 003 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	GEB 356	Wilson J	20 of 20
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## ITMD 123 - Space Planning

This is an advanced course focusing on the process of space planning. Upon successful completion of this course, the student should be able to demonstrate an advanced level of understanding in: space planning rationale, space planning procedures, and how to convey the meaning of a space plan. 4 hrs. integrated lecture and lab/wk.

Credit Hours: 3

Associated Costs: \$50

Prerequisites: ITMD 121 with "C" or higher and DRAF 164 with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD\\_123](http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81348 001 F2F	--W----	08:00-12:30 PM	08/20/14-12/12/14	GEB 356	Green D	20 of 20

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## ITMD 125 - Interior Textiles

This course is a comprehensive study of textiles used in interior design. Upon successful completion of this course, the student should be able to differentiate fibers and textiles according to their specific characteristics and to select fibers and interior textiles for specific applications. Specific course content includes properties and characteristics of natural and man-made fibers; construction methods; and various finishing processes, such as weaving, knitting, felting, printing and dyeing. The course will concentrate on textiles designed for interior applications. 4 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD\\_125](http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81349 001 F2F	M-W----	01:00-03:15 PM	08/18/14-12/12/14	GEB 361	Green D	18 of 18

Kansas Senate Bill SB 155

81350 376 HYB	-----	-	08/18/14-12/12/14	Online	Randolph J	20 of 20
	-T-R---	04:00-05:50 PM	08/19/14-12/12/14	OCB 374		

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## ITMD 127 - Elements of Floral Design

This course provides in-depth knowledge and hands-on application of floral design. Upon successful completion of this course, the student should be able to use the principles of floral design, develop a proficiency in the techniques of line and mass arrangements, possess a greater appreciation for flowers and other plant material, apply the mechanics and design considerations involved in working with silk and dried materials, and design and create silk and dried floral arrangements. 1.5 hrs. integrated lecture, lab/wk.

Credit Hours: 1

Associated Costs: \$100 to 150

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD\\_127](http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD_127))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81351 001 F2F	M-----	06:00-09:00 PM	08/25/14-10/13/14	GEB 361	TBA	15 of 15

Kansas Senate Bill SB 155

## ITMD 129 - Design Presentation

This is an intermediate course focusing on interior design presentation skills. Upon successful completion of this course, the student will demonstrate visual communication skills including isometric, axonometric, oblique and perspective drawings as well as use rendering techniques and color to enhance drawings. Additionally the student will organize and demonstrate visual and verbal presentations to communicate the design solution. 4 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$75 to 100

Prerequisites: ITMD 121 with a grade of "C" or higher and DRAF 164 with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD\\_129](http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD_129))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81352 001 F2F	M-W----	01:00-03:15 PM	08/18/14-12/12/14	GEB 356	Grube K	20 of 20

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## ITMD 132 - Materials and Resources

This course provides in-depth knowledge about materials used in interior spaces. The student will evaluate the quality of interior materials; demonstrate the ability to use product information resources; identify manufacturing and construction techniques used in products; recognize the sustainability and environmental impact of materials; use correct terminology to describe the various types of interior materials; and compare the design, use, durability and cost of materials. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD\\_132](http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD_132))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81353 001 F2F	M-----	09:00-11:45 AM	08/18/14-12/12/14	GEB 361	Grube K	18 of 18

Kansas Senate Bill SB 155

## ITMD 133 - Furniture & Ornamentation/Antiquity to Renaissance

This course provides in-depth knowledge in the study of Western furniture and ornament. Upon successful completion of this course, the student should be able to analyze and compare the furniture, ornamentation, discover motifs and textiles of historical periods from antiquity to the Renaissance. Additionally, the student should be able to

discover the religious, political and social influences on the ornamentation and furnishings of each period. The student should also be able to identify and define the craftsmanship and materials used in the furniture of each historical period and correctly use vocabulary related to each era. 3hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD\\_133](http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD_133))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81354 001 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	GEB 351A	Cummings J	17 of 17
Kansas Senate Bill SB 155						
81355 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Green D	20 of 20
Kansas Senate Bill SB 155						

## ITMD 140 - Window Treatments

This course provides comprehensive knowledge about draperies and window treatments and their construction. Upon successful completion of this course, the student should demonstrate the use of correct vocabulary relating to drapery and window treatments, explain the equipment used in the drapery industry, distinguish appropriate textiles and hardware for specific window treatments, measure for window treatments, and describe and select the proper suspension system for specific window treatments. The student will measure, select and present the proper style, fabric and suspension system for a specific window treatment. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisites: ITMD 121 and ITMD 125 both with a grade of "C" or higher and prerequisite or corequisite: ITMD 271 with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD\\_140](http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81356 001 F2F	--W----	10:00-12:45 PM	10/29/14-12/03/14	GEB 361	Grube K	18 of 18
Kansas Senate Bill SB 155						
82423 002 F2F	-T-----	06:00-08:45 PM	09/23/14-10/21/14	GEB 361	Wilson J	18 of 18
Kansas Senate Bill SB 155						

## ITMD 143 - Accessory Fundamentals

This course provides in-depth knowledge about accessories and accessory placement. Upon successful completion of this course, the student should be able to identify the various principles and elements of design as they relate to accessories. Students should be able to identify and explain the difference between functional and decorative accessories. Additionally, the student should demonstrate an understanding of the quality of different types accessories, how to identify the client's personal style, and how to successfully place different types of accessories. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisite: ITMD 121 with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD\\_143](http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD_143))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82408 001 F2F	M-----	06:00-08:45 PM	11/03/14-12/01/14	GEB 361	Kalkofen B	18 of 18

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## ITMD 145 - Upholstered Furniture

This course provides comprehensive knowledge about upholstery construction. Upon successful completion of this course, the student should be able to demonstrate the use of correct vocabulary relating to upholstery construction, explain the equipment used in the upholstery industry, identify appropriate textiles and materials for upholstery use, and describe the various suspension systems used in bench-constructed and mass-produced furniture. 1 hr. lecture/wk.


Credit Hours: 1

Prerequisites: ITMD 121 and ITMD 125 both with a grade of "C" or higher and prerequisite or corequisite: ITMD 271 with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD\\_145](http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81357 001 F2F	--W----	10:00-12:45 PM	09/24/14-10/22/14	GEB 361	Grube K	18 of 18

Kansas Senate Bill SB 155

82407 002 F2F	-T-----	06:00-08:45 PM	08/19/14-09/16/14	 BDG	Bailey J	18 of 18
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Kansas Senate Bill SB 155

## ITMD 148 - History of Asian Furniture and Design

This course provides in-depth knowledge in the study of Asian furniture and ornament. Upon successful completion of this course, the student will be able to analyze and compare furniture, ornamentation, design motifs and textiles of the Near East and Far East during historical periods from antiquity to modern times. The student should be able to identify the religious, political and social influences on the ornamentation and furnishings of each period. In addition, the student should be able to identify the craftsmanship and materials used in the furniture of each historical period and to demonstrate the use of correct vocabulary related to each era. 2 hrs. lecture/wk.

Credit Hours: 2

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD\\_148](http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD_148))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81358 001 F2F	---R---	01:00-03:45 PM	08/21/14-10/23/14	GEB 361	Cummings J	18 of 18

## ITMD 149 - Casegoods

Upon successful completion of this course the student should be able to understand various construction techniques, describe different wood species and their properties, and explain the best functional and decorative uses for each wood species. The student will apply principles and elements of design when selecting casegoods, describe care and repair of casegoods, and understand current trends in the casegood industry. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisite: ITMD 121 with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD\\_149](http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD_149))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82411 001 F2F	--W----	10:00-12:45 PM	08/20/14-09/17/14	GEB 361	Grube K	18 of 18

## ITMD 150 - Asian Rugs and Carpets

This course provides in-depth knowledge in the study of Asian carpets and rugs. Upon successful completion of this course, the students will be able to analyze and compare materials, ornamentation, design motifs and textiles of the Near East and Far East during historical periods from antiquity to modern times. The student should be able to identify the religious, political and social influences on the ornamentation and furnishings. In addition, the student should be able to demonstrate the use of correct vocabulary. 1 hr. lecture/wk.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD\\_150](http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81359 001 F2F	---R---	10:00-11:45 AM	08/21/14-10/09/14	GEB 361	Erwin H	18 of 18

Kansas Senate Bill SB 155

## ITMD 180 - Leadership in Design

Upon successful completion of this course, the student should be able to identify leadership skills necessary to have successful involvement in the field of interior design and professional organizations. Topics include group communication methods, time management, team-building skills, and organizing and facilitating meetings. Students desiring leadership opportunities in professional organizations are encouraged to enroll. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisite: ITMD 123 with a grade of "C" or higher

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD\\_180\)](http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81360 001 F2F	---R---	10:00-11:45 AM	10/16/14-12/04/14	GEB 361	Erwin H	17 of 17

## ITMD 213 - Lighting Design and Planning

This course provides in-depth knowledge about lighting design and planning giving the student the ability to not only understand but to manipulate and create the lighting plan. Upon successful completion of this course, the student should be able to define and use vocabulary relating to lighting design and planning and to recognize and explain lighting application and technology used in the lighting industry. Additionally, the student should be able to identify and describe proper fixtures and equipment for lighting applications and demonstrate skills in selecting proper lighting designs for specific applications. 3 hrs. lecture/wk..

Credit Hours: 3

Prerequisite: ITMD 121 with grade of "C" or higher or FASH 125

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD\\_213\)](http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD_213)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81361 001 F2F	-T-----	10:00-12:45 PM	08/19/14-12/12/14	GEB 361	Kalkofen B	18 of 18

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## ITMD 221 - Residential Design

This is an advanced course focusing on residential design. The design process will be practiced from beginning to end in order to formulate a complete design solution. Upon successful completion of this course, the student should be able to demonstrate an advanced level of space planning on a floor plan. In addition, the student will develop color schemes that will solve specific assigned interior design problems and demonstrate the ability to coordinate fabrics and finishes in a complete floor plan for a residential unit. The student will produce floor plans and additional views enhanced by color and shadow. The student will also demonstrate an understanding of business practices. 5 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$50

Prerequisites: DRAF 264 with a grade of "C" or higher AND prerequisite or corequisite ITMD 271 with a grade of "C" or higher

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD\\_221\)](http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81362 376 HYB	-----	-	08/18/14-12/12/14	Online	Erwin H	18 of 18
	-T-----	01:00-04:00 PM	08/19/14-12/12/14	GEB 356		



## ITMD 223 - Commercial Design

This is an advanced course focusing on commercial design. Upon successful completion of this course, the student will be able to define and use vocabulary related to commercial design, identify and use proper architectural symbols common to the commercial design industry. Additionally, the student should be able to demonstrate the skills necessary to create a code compliant commercially designed space; explain the different concepts of office planning; and use the design process to arrive at potential design solutions. 5 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$50

Prerequisite: DRAF 264 with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD\\_223](http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD_223))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81363 001 F2F	----F--	10:00-12:45 PM	08/22/14-12/12/14	GEB 356	Green D	17 of 17
	----F--	01:00-03:45 PM	08/22/14-12/12/14	GEB 351A		

Kansas Senate Bill SB 155

## ITMD 237 - Capstone: Merchandising and Entrepreneurship

This course is designed as a capstone for the Interior Merchandising and Interior Entrepreneurship programs. It should be taken in conjunction with or after completion of the final interiors studio course or in the graduating semester. Upon successful completion of this course, the student should be able to select and rework portfolio materials for maximum visual potential and appeal. In addition, the student will prepare a resume, conduct a job search, and present written and oral presentations based on resource and product files from other classes. 2 hrs. lecture/wk.

Credit Hours: 2

Associated Costs: \$75 to 100

Prerequisite: Department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD\\_237](http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD_237))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81364 001 F2F	----F--	08:00-09:50 AM	08/22/14-12/12/14	GEB 356	Kalkofen B	2 of 2

Kansas Senate Bill SB 155

## ITMD 239 - Capstone: Interior Design

This course is designed as a capstone for the Interior Design Program. It should be taken in conjunction with or after completion of the final interiors studio course or in the graduating semester. Upon successful completion of this course, the student should be able to select and rework portfolio materials for maximum visual potential and appeal. In addition, the student will prepare a resume, conduct a job search, and present written and oral presentations based on resource and product files from other classes. 2 hrs. lecture/wk.

Credit Hours: 2

Associated Costs: \$75 to 100

Prerequisite: Department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD\\_239](http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD_239))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81537 001 F2F	----F--	08:00-09:50 AM	08/22/14-12/12/14	GEB 356	Kalkofen B	8 of 8

Kansas Senate Bill SB 155

## ITMD 271 - Budgeting and Estimating

Upon successful completion of this course, the student should be able to demonstrate a business-like approach toward job and work, explain and list methods of pricing interior design/merchandising materials and services, measure accurately for materials, utilize business math in interior design/merchandising applications, and accurately compute cost in cases. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$20

Prerequisites: ITMD 121 with a grade of "C" or higher and ITMD 125 with a grade of "C" or higher and MATH 120 with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD\\_271](http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81538 001 F2F	M-----	09:00-11:45 AM	08/18/14-12/12/14	GEB 356	Kalkofen B	22 of 22

Kansas Senate Bill SB 155

82414 002 F2F	--W----	01:00-03:45 PM	08/20/14-12/12/14	GEB 351A	Kalkofen B	17 of 17
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Kansas Senate Bill SB 155

## ITMD 282 - Interiors Internship I

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. This course consists of supervised work experience in an approved training situation. It is designed to provide practical experience in the interiors industry. A minimum of 240 hours per semester of on-the-job training is required.

Credit Hours: 1

Prerequisite: ITMD 121 with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD\\_282](http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD_282))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81539 500 INT	-----	-	08/18/14-12/12/14	GEB	Kalkofen B	40 of 40

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## ITMD 284 - Interiors Internship II

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. This course consists of supervised work experience in an approved training situation. It is designed to provide practical experience in the interiors industry. A minimum of 240 hours per semester of on-the-job training is required.

Credit Hours: 1

Prerequisites: ITMD 121 with a grade of "C" or higher and ITMD 282 with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD\\_284](http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD_284))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81540 501 INT	-----	-	08/18/14-12/12/14	GEB	Kalkofen B	40 of 40

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## ITMD 291 - Independent Study

Independent study is a directed, structured learning experience offered as an extension of the regular curriculum. It is intended to allow individual students to broaden their comprehension of the principles of and competencies associated with the discipline or program. Its purpose is to supplement existing courses with individualized, in-depth learning experiences. Such learning experiences may be undertaken independent of the traditional classroom setting, but will be appropriately directed and supervised by regular instructional staff. Total contact hours vary based on the learning experience.

Credit Hours: 1

Prerequisite: 2.0 GPA minimum and department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD\\_291](http://catalog.jccc.edu/fall/coursedescriptions/itmd/#ITMD_291))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81541 960 IND	-----	-	08/18/14-12/12/14		Kalkofen B	1 of 1

## JOUR 120 - Mass Media and Society

Each of us is exposed to and affected by the mass media on a daily basis. This course is designed to increase students' awareness of the various media and media's impact on their daily beliefs, opinions, decisions, and goals. As a result, students will become more media literate and astute critics of media messages. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR\\_120](http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80433 001 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CC 324	Alley E	24 of 24
80427 002 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CC 324	Alley E	24 of 24
80429 003 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	LIB 357	Crable C	24 of 24
80431 004 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CC 324	Raduziner M	24 of 24
80436 005 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	LIB 305	Schulte M	22 of 22
80438 350 ONLNE	-----	-	08/18/14-12/12/14	Online	Raduziner M	25 of 25
80439 351 ONLNE	-----	-	08/18/14-12/12/14	Online	Raduziner M	25 of 25
80440 352 ONLNE	-----	-	08/18/14-12/12/14	Online	Haas J	25 of 25
80437 377 HYB	-----	-	08/18/14-12/12/14	Online	Thum G	22 of 22
	M-----	06:00-08:00 PM	08/25/14-08/25/14	ATB 132		
	M-----	06:00-08:00 PM	09/15/14-09/15/14	ATB 132		
	M-----	06:00-08:00 PM	10/13/14-10/13/14	ATB 132		
	M-----	06:00-08:00 PM	11/10/14-11/10/14	ATB 132		
	M-----	06:00-08:00 PM	12/01/14-12/01/14	ATB 132		

## JOUR 120H - HON: Mass Media & Society

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR\\_120H](http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR_120H))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81514 01H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## JOUR 122 - Reporting for the Media

Reporting for the Media is structured for students interested in the basics of writing and reporting. Writing for print, broadcast, and online media are included. Information gathering and story writing are conducted under strict deadlines to prepare students for a professional position. Basic news writing and style principles will be gained by writing stories for JCCC student media, including the student newspaper, The Campus Ledger. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR\\_122](http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80441 001 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	LIB 357	Crable C	24 of 24

## JOUR 125 - Fundamentals of Advertising

Fundamentals of Advertising introduces the student to the contemporary advertising process. Research, planning, creativity, production and media scheduling are discussed, along with individual mediums and their forms, functions and roles in society. Major emphasis is placed on advertising and integrated marketing research, planning and creativity. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR\\_125](http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80442 001 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	LIB 352	Thum G	25 of 25

Kansas Senate Bill SB 155

80443 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Thum G	25 of 25
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## JOUR 127 - Introduction to Broadcasting

This course serves students interested in gaining a greater understanding of broadcast and emerging technologies. Class time includes discussion of trends and issues, including regulations, ethics, news and information, and audience ratings. Productions in the college's student media facilities offer opportunities to experience and further evaluate their relationship to broadcast and related electronic media. 3 hrs.lecture /wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR\\_127](http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR_127))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80445 001 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	CC 324	Nichols J	24 of 24

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## JOUR 130 - Principles of Public Relations

This course is intended to provide the student with an overview of the history, principles and real-life functions of public relations. Public relations is a rapidly growing field. The ability to communicate well with the public is essential in business, education, health care and numerous other fields. This course is designed to give students the background to develop their PR skills. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR\\_130](http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80446 001 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	LIB 352	Thum G	25 of 25
80447 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Thum G	25 of 25

## JOUR 202 - Broadcast Performance

Students will learn how to improve their speaking voices and body language as well as the techniques necessary to effectively communicate messages through basic announcing skills. Interviewing, radio and television news, and commercial announcing are some of the topics covered in this course, which will allow students to polish their skills through performances in the college's television studio and on campus media. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR\\_202](http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR_202))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80449 001 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	COM 252	Baumgardner M	12 of 12
80450 002 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	COM 252	Baumgardner M	12 of 12

## JOUR 207 - Radio Production

This course provides students with the fundamentals of Internet radio production. The goal is to teach students basic techniques in audio console functions, program formats, and editing using computer software. Writing, producing, and performing are included. Students will gain hands-on experience through exposure to the campus radio station, ECAV. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10 to 25

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/jour#JOUR\\_207](http://catalog.jccc.edu/fall/coursedescriptions/jour#JOUR_207))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80459 001 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	COM 252	Messner B	14 of 14
Kansas Senate Bill SB 155						
80460 002 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	COM 252	TBA	14 of 14
Kansas Senate Bill SB 155						

## JOUR 220 - International Media

The globalization of media has created a necessity to understand the complex media systems established overseas. These systems exert influence over the cultural, political and economic climate in the world's industrialized nations. Students in this course will learn about the history, interconnectivity, technological innovations and controversies surrounding media systems from a diverse selection of countries. Special emphasis in this course will be placed on the understanding of global journalism. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/jour#JOUR\\_220](http://catalog.jccc.edu/fall/coursedescriptions/jour#JOUR_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82105 001 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CC 314	Crable C	24 of 24

## JOUR 227 - Basic Video Production

This course provides students with the fundamentals of video production. The goal is to teach students basic video techniques. Topics covered include technology, lighting, camera operations, audio and editing. Students will gain hands-on experience in the college's Media Production Services Department. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/jour#JOUR\\_227](http://catalog.jccc.edu/fall/coursedescriptions/jour#JOUR_227))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80454 001 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	COM 260	Petrie J	14 of 14
Kansas Senate Bill SB 155						
80455 002 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	COM 260	Petrie J	14 of 14
Kansas Senate Bill SB 155						

## JOUR 242 - Advanced Broadcast Performance: TV

Students will produce news, feature, sports, and interview programming for airing on the college's cable station, video server, and social networks. The development of news stories will be included in hands-on activities throughout the course. Learning composure, focus, and detail in a team information-gathering operation will be emphasized. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: JOUR 202

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR\\_242](http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR_242))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80451 001 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	COM 252	Baumgardner M	12 of 12

## JOUR 247 - Advanced Video Production

Students will direct, produce, and edit programming for distribution via the college's media outlets. Students will develop the technical skills involved in both studio production and field production as well as advanced skills in camera operations, multi-camera directing, lighting, audio production, and graphics. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: JOUR 227

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR\\_247](http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR_247))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80456 001 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	COM 260	Petrie J	12 of 12

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## JOUR 252 - Advanced Broadcast Performance II: TV

This course builds upon the skills learned in the Advanced Broadcast Performance course. Students will produce news, features, sports, and interview programming for airing on the college's cable station, video server, and social networks. The development of news packages, event reporting, and extended coverage of campus events will be included in hands-on activities throughout the course. Learning composure, focus, and detail in a team information-gathering operation will be emphasized. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: JOUR 242

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR\\_252](http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR_252))



CRN	Days	Time	Date	Location	Instructor	Seats Open
80452 001 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	COM 252	Baumgardner M	10 of 10

## JOUR 257 - Advanced Video Production II

This course builds upon the Advanced Video Production course. Students will direct, produce, and edit programming for distribution via the college's media outlets. They will enhance their advanced technical skills involved in both studio production and field production as well as advanced skills in camera operations, multi-camera directing, lighting, audio production, and graphics. The development of writing for media programming will also be emphasized. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: JOUR 247

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR\\_257](http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR_257))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80457 001 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	COM 260	Petrie J	10 of 10

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## JOUR 262 - Advanced Broadcast Performance III: TV

This course builds upon the skills learned in Advanced Broadcast Performance II. Students will produce news, features, sports, and interview programming for airing on the college's cable station, video server, and social networks in a collaborative effort with other students in the broadcast/video program. The development of news packages, event reporting, and extended coverage of campus events will be included in hands-on activities throughout the course. Learning composure, focus, and detail in a team information-gathering operation will be emphasized. Production supervision skills will also be emphasized. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: JOUR 252

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR\\_262](http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR_262))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80453 001 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	COM 252	Baumgardner M	10 of 10

## JOUR 267 - Advanced Video Production III

This course continues the advancement of technical skills offered in Advanced Video Production II. Enhancement of skills includes program production of electronic student media. Application of technical skills in studio and field production, multi-camera directing, lighting, audio production and graphics will evolve through hands-on training. Advanced work in writing for student media programming is emphasized. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: JOUR 257

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR\\_267](http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR_267))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80458 001 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	COM 260	Petrie J	10 of 10

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## JOUR 269 - Journalism Internship

A journalism/media internship allows students to gain work experience at an approved training center under staff supervision. Emphasis is on learning new skills related to a particular program or department at a media facility. Students may learn the application of writing and production techniques needed to produce video and broadcast news, produce advertising, or public relations promotional copy. On-the-job training includes a minimum of 60 hrs. for the semester by arrangement.

Credit Hours: 1

Prerequisite: Instructor approval; completion of 3 credit hours in journalism/ media communications course at JCCC or other college with a grade of C or higher.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR\\_269](http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR_269))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80422 500 INT	-----	-	08/18/14-12/12/14		Raduziner M	10 of 10

Note: Students meet in Professor Raduziner's office in LIB 301A. For more information on Journalism internships, please contact Prof. Raduziner, [markr@jccc.edu](mailto:markr@jccc.edu).

Requirement: Department approval

## JOUR 270 - Journalism Internship

A journalism/media internship allows students to gain work experience at an approved training center under staff supervision. Emphasis is on learning new skills related to a particular program or department at a media facility. Students may learn the application of writing and production techniques needed to produce video and broadcast news, produce advertising, or public relations promotional copy. On-the-job training includes a minimum of 120 hrs. for the semester by arrangement.

Credit Hours: 2

Prerequisite: Instructor approval; completion of 3 credit hours in journalism/ media communications course at JCCC or other college with a grade of C or higher.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR\\_270](http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR_270))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80424 500 INT	-----	-	08/18/14-12/12/14		Raduziner M	10 of 10

Note: Students meet in Professor Raduziner's office in LIB 301A. For more information on Journalism internships, please contact Prof. Raduziner, markr@jccc.edu.

Requirement: Department approval

## JOUR 271 - Journalism Internship

A journalism/media internship allows students to gain work experience at an approved training center under staff supervision. Emphasis is on learning new skills related to a particular program or department at a media facility. Students may learn the application of writing techniques needed to produce and broadcast news, and produce advertising or public relations promotional copy. On-the-job training involves approximately 15-20 hrs./wk. by arrangement.

Credit Hours: 3

Prerequisites: Instructor approval; completion of six credit hours in journalism/media communications at JCCC or another college with a grade of "C" or higher in those 6 hours.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR\\_271](http://catalog.jccc.edu/fall/coursedescriptions/jour/#JOUR_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80425 500 INT	-----	-	08/18/14-12/12/14		Raduziner M	10 of 10

Note: Students meet in Professor Raduziner's office in LIB 301A. For more information on Journalism internships, please contact Prof. Raduziner, markr@jccc.edu.

Requirement: Department approval

## Legal Studies

### LAW 121 - Introduction to Law

Upon successful completion of this course, the student should be able to explain the major substantive and procedural aspects of law. This course provides an overview of the legal system and knowledge of specific legal topics, including torts, criminal law, contracts, family law, business law, real estate and probate. This course is a requirement for applying to the paralegal program and for completion of the legal nurse consultant program. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW\\_121](http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81689 001 F2F	--W----	07:00-09:50 PM	08/20/14-12/12/14	CC 329	Williams G	24 of 24

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81690 002 F2F ---R--- 04:00-06:50 PM 08/21/14-12/12/14 GEB 379 TBA 22 of 22

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81691 350 ONLINE ----- - 08/18/14-12/12/14 Online Fordham N 22 of 22

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81692 351 ONLINE ----- - 08/18/14-12/12/14 Online Fordham N 22 of 22

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## LAW 123 - Paralegal Professional Studies

Upon successful completion of this course, the student should be able to explain the legal assistant profession. Topics will include paralegal licensing, certification, education, employment and professional ethics. The course is required for students seeking admission to the paralegal program. 1 hr. lecture/wk.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW\\_123](http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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81693 001 F2F	--W----	06:00-06:50 PM	08/20/14-12/12/14	CC 329	Manlove H	24 of 24
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81694 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Manlove H	22 of 22
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## LAW 132 - Civil Litigation

This course will acquaint the student with the major characteristics of the civil litigation process. Students will become familiar with the various types of procedural rules regulating the civil litigation process and their application. Emphasis will be on the role of the legal assistant in a civil litigation practice and will include the drafting of pleadings. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: paralegal students or legal nurse consultant students - admission to the program and LAW 121 or department chair approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW\\_132](http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW_132))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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81698 001 F2F	--W----	07:00-09:50 PM	08/20/14-12/12/14	OCB 248	Manlove H	30 of 30
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## LAW 132H - HON: Civil Litigation

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW\\_132H](http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW_132H))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81515 01H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Kansas Senate Bill SB 155

Requirement: Department approval

## LAW 134 - Introduction to Legal Technology

Upon successful completion of this course, the student will be able to explain the role of technology within a legal work environment and use software customarily available in a modern legal work environment, including word processing, spreadsheet, presentation, and database software. In addition, students will demonstrate the ability to create, edit, and share common legal documents and forms, and to use the internet within a legal work environment. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10

Prerequisite: Admission as a student to the paralegal program or department chair approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW\\_134](http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW_134))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81700 001 F2F	M-----	12:00-02:50 PM	08/18/14-12/12/14	GEB 379	Nadlman J	22 of 22

Kansas Senate Bill SB 155

81701 002 F2F	-T-----	07:00-09:50 PM	08/19/14-12/12/14	GEB 379	Nadlman J	22 of 22
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Kansas Senate Bill SB 155

## LAW 171 - Law Office Management

This course will acquaint the student with the general principles of law office management and will emphasize the unique characteristics of organizing and managing the law office or legal department. Projects will provide students with opportunities for practical application of law office management concepts. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: Paralegal program students - admission to the paralegal program or department approval. Legal nurse consultant students - LAW 225 and LAW 121

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW\\_171](http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW_171))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82965 001 F2F	M-----	07:00-09:50 PM	08/18/14-12/12/14	OCB 248	Fordham N	30 of 30

Kansas Senate Bill SB 155

## LAW 195 - Legal Research

This course builds on the skills developed in the Introduction to Legal Research course. In this course, the student will develop more sophisticated skills for the retrieval of information from professional legal literature sources, including both print and electronic media. Opportunities will be provided for skill development in the use of these resources. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: Admission to the paralegal program or department chair approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW\\_195](http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW_195))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82979 376 HYB	-----	-	08/18/14-12/12/14	Online	Fordham N	20 of 20
	-T-----	04:00-04:50 PM	08/19/14-12/12/14	GEB 379		

Kansas Senate Bill SB 155

82980 377 HYB	-----	-	08/18/14-12/12/14	Online	Fordham N	20 of 20
	-T-----	06:00-06:50 PM	08/19/14-12/12/14	GEB 379		

Kansas Senate Bill SB 155

## LAW 201 - Advanced Legal Technology

Upon successful completion of this course, the student will be able to evaluate and use specialized legal software to perform customary tasks within a legal environment, including litigation support, case management, office management, file management, time-keeping and billing, docket control, preparation of legal presentations, and research. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10

Prerequisite: LAW 134 or BOT 106. Paralegal students must take LAW 134 and BOT students must take BOT 106

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW\\_201](http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW_201))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81705 001 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	GEB 379	Krieger K	22 of 22

Kansas Senate Bill SB 155

## LAW 205 - Legal Analysis and Writing

This course is a required course within the Legal Studies Program. In this course, the student will learn to analyze case law, statutes and secondary legal authority. In addition, the student will learn how to communicate research results, analysis and conclusions professionally and effectively. Numerous opportunities will be provided for skill development. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: Admission to the paralegal program or department chair approval AND LAW 195

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW\\_205](http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81707 376 HYB	M-----	04:00-04:50 PM	08/18/14-12/12/14	GEB 379	Nadlman J	22 of 22
	-----	-	08/18/14-12/12/14	Online		

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81708 377 HYB	M-----	05:00-05:50 PM	08/18/14-12/12/14	GEB 379	Nadlman J	22 of 22
	-----	-	08/18/14-12/12/14	Online		

Kansas Senate Bill SB 155

## LAW 205H - HON: Research & Writing II

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW\\_205H](http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW_205H))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81516 02H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Kansas Senate Bill SB 155

Requirement: Department approval

## LAW 212 - Business Organizations

Upon successful completion of this course, the student should be able to describe the various forms of business ownership, including corporations, partnerships and sole proprietorships. The emphasis in the course is on the role of the legal assistant in a business law practice and on the preparation of related documents. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: Admission to the legal studies program or department chair approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW\\_212](http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW_212))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81711 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Nadlman J	22 of 22

Kansas Senate Bill SB 155

## LAW 241 - Wills, Trusts and Probate Administration

Upon successful completion of this course, the student should be able to draft a will with testamentary powers. The use of trusts, probate procedures, techniques for fact gathering and mastery of estate tax principles are emphasized in this course. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: Paralegal program students - admission to the paralegal program or department approval. Legal nurse consultant students - LAW 225 and LAW 121

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW\\_241](http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW_241))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81714 001 F2F	--W----	04:00-06:50 PM	08/20/14-12/12/14	GEB 379	Williams G	22 of 22

Kansas Senate Bill SB 155

## LAW 269 - Bankruptcy Law

This course will familiarize the student with the purpose and application of the federal Bankruptcy Code. Topics will include an introduction to the bankruptcy law, bankruptcy court procedures, and the preparation of bankruptcy forms and documents. Emphasis will be on Chapter 7 of the Bankruptcy Code and the role of the legal assistant as part of a team in a bankruptcy practice. 3 hrs. lecture/wk.

Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 3



Associated Costs: \$4

Prerequisites: Paralegal program students - admission to the paralegal program or department chair approval  
Legal nurse consultant students - LAW 121 or LAW 225

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW\\_269](http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW_269))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82966 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Hawk G	22 of 22

Kansas Senate Bill SB 155

## LAW 270 - Administrative Law

Upon successful completion of the course, the student will be able to explain and apply substantive and procedural principles of administrative agencies. The course will concentrate on the basic principles of workers' compensation law, Social Security law; the Americans with Disabilities Act and the Occupational Safety Health Administration. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: Admission to the legal nurse consultant program and LAW 225 and LAW 121 or admission to the paralegal program

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW\\_270](http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW_270))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82968 001 F2F	-T-----	07:00-09:50 PM	08/19/14-12/12/14	CC 329	Tebbe A	24 of 24

Kansas Senate Bill SB 155

## LAW 271 - Legal Ethics, Interviewing and Investigation

Upon successful completion of this course, the student will be able to explain ethical rules and standards governing the legal profession, interview clients and witnesses and perform factual investigation pursuant to legal proceedings. A major emphasis will be on recognition of ethical problems commonly encountered and the development of interviewing and investigating skills. The course is designated as the capstone course for the paralegal program. The course will draw the student's paralegal learning together and provide a single opportunity during which a student demonstrates that he/she has accomplished the department's educational goals. This opportunity will focus on finalizing an e-portfolio project. Classroom discussions will focus on career-planning, including current trends in the profession, procedures for obtaining employment, and development of a resume, cover letter and e-portfolio. 3 hrs. lecture/wk.

Credit Hours: 3

Requirements: Prerequisite: Admission to the paralegal program or department chair approval AND Prerequisite or Corequisite: LAW 205

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW\\_271](http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81719 001 F2F	---R---	07:00-09:50 PM	08/21/14-12/12/14	CC 329	Tebbe A	24 of 24

Kansas Senate Bill SB 155

## LAW 275 - Paralegal Internship I

This course provides the student with an opportunity to gain practical work experience under the supervision of an attorney in day-to-day, on-site office work. The student must complete 120 hours of work at the internship site. In addition to on-site work, the student will meet with the internship instructor during the internship period four times and complete all requirements; keep an eight-week log; interview a practicing paralegal; draft a cover letter and resume; and submit final evaluations by the employer and student. Obtaining an internship is the responsibility of the individual student. 120 internship hours

Credit Hours: 1

Prerequisite: Admission to the legal studies program

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW\\_275](http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW_275))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81720 500 INT	-----	-	08/18/14-12/12/14		Tebbe A	20 of 20

Kansas Senate Bill SB 155

## LAW 276 - Paralegal Internship II

This course provides the student with an opportunity to gain practical work experience under the supervision of an attorney in day-to-day, on-site office work. The student must complete 120 hours of work at the internship site. In addition to on-site work, the student will meet with the internship instructor during the internship period four times and complete all requirements; keep an eight-week log; interview a practicing paralegal manager; participate in a mock job interview; and submit final evaluations by the employer and the student. Obtaining an internship is the responsibility of the individual student.

Credit Hours: 1

Prerequisite: LAW 275

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW\\_276](http://catalog.jccc.edu/fall/coursedescriptions/law/#LAW_276))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81721 500 INT	-----	-	08/18/14-12/12/14		Tebbe A	20 of 20

Kansas Senate Bill SB 155

## Learning Communities

### LCOM 099 - Accelerated Math: Elementary Algebra/Intermediate Algebra

This 16-week course is an integration of the content of both Elementary Algebra and Intermediate Algebra and graded as if taken as two separate courses. You will earn 3 credit hours in Elementary Algebra and 3 credit hours in Intermediate Algebra that will transfer as if they were being taught in the traditional format. Students will receive credit on their transcript for MATH 115 and MATH 116. MATH 115 may fulfill some certificate requirements, but will not fulfill degree requirements.

Credit Hours: 6

Associated Costs: \$0 to 100

Prerequisite: MATH 111 with a grade of "C" or higher or an appropriate score on an assessment test.

	Days	Time	Date	Location	Instructor	Seats Open
81736 001 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CLB 211	Dunham J	56 of 56
	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CLB 211		

Enroll in both MATH 115 (CRN 81603) and MATH 116 (CRN 81604)

Note: For LCOM 099-001, you must enroll in both MATH 115-170 (CRN 81603) and MATH 116-170 (CRN 81604). You do not enroll in LCOM 099-001.

This is a Learning Community course combining Elementary Algebra and Intermediate Algebra. Students will be asked to learn all of the content from these two algebra classes during one semester. To accomplish this, students must be prepared to dedicate sufficient time and effort both inside and outside of the classroom. Students will earn 3 credit hours in Elementary Algebra and 3 credit hours in Intermediate Algebra for a total of 6 hours, which will transfer as if they were being taught in a traditional format.

81737 002 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CLB 209	TBA	60 of 60
	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CLB 209		

Enroll in both MATH 115 (CRN 81605) and MATH 116 (CRN 81606)

Note: For LCOM 099-002, you must enroll in both MATH 115-171 (CRN 81605) and MATH 116-171 (CRN 81606). You do not enroll in LCOM 099-002.

This is a Learning Community course combining Elementary Algebra and Intermediate Algebra. Students will be asked to learn all of the content from these two algebra classes during one semester. To accomplish this, students must be prepared to dedicate sufficient time and effort both inside and outside of the classroom. Students will earn 3 credit hours in Elementary Algebra and 3 credit hours in Intermediate Algebra for a total of 6 hours, which will transfer as if they were being taught in a traditional format.

81738 003 F2F	-T-R---	06:00-07:15 PM	08/19/14-12/12/14	CLB 205	TBA	60 of 60
	-T-R---	07:30-08:45 PM	08/19/14-12/12/14	CLB 205		

Enroll in both MATH 115 (CRN 81607) and MATH 116 (CRN 81608)

Note: For LCOM 099-003, you must enroll in both MATH 115-172 (CRN 81607) and MATH 116-172 (CRN 81608). You do not enroll in LCOM 099-003.

This is a Learning Community course combining Elementary Algebra and Intermediate Algebra. Students will be asked to learn all of the content from these two algebra classes during one semester. To accomplish this, students must be prepared to dedicate sufficient time and effort both inside and outside of the classroom. Students will earn 3 credit hours in Elementary Algebra and 3 credit hours in Intermediate Algebra for a total of 6 hours, which will transfer as if they were being taught in a traditional format.

### LCOM 120 - Business Math/Learning Strategies for Math

Students earn 4-credit hours (3 credit hours for MATH 120 Business Math and 1 credit hour for LS 174 Learning Strategies for Math). This 4-credit hour course facilitates mathematics learning by integrating thinking skills, study skills and mathematical content. The student will acquire life-long learning skills along with fundamental math procedures and concepts. Students in this learning community class will learn problem solving, test taking and cognitive skills. They will apply these skills to their math textbook, homework assignments, class discussions and lectures. This course will also address emotions and attitudes which may block math learning, and will offer strategies and techniques designed to overcome these feelings. Active learning will be encouraged through activities such as pair and share, journal writing, group discussions, self-assessments and collaborative learning. 4 hr. lecture/wk.

Credit Hours: 4

Prerequisite: MATH 111 with a grade of "C" or higher or appropriate score on the math assessment test

Corequisites: MATH 120 and LS 174

	Days	Time	Date	Location	Instructor	Seats Open
82706 001 F2F	M-W-F--	12:00-01:15 PM	08/18/14-12/12/14	GEB 381	TBA	30 of 30

Enroll in both MATH 120 (CRN 81761) and LS 174 (CRN 82699)

Note: For LCOM 120-001, you must enroll in both MATH 120-030 (CRN 81761) and LS 174-001 (CRN 82699). You do not enroll in LCOM 120-001. This is a Learning Community course combining Business Mathematics and Learning Strategies for Math and is team-taught. Students will earn 3 credit hours in Business Mathematics and 1 credit hour in Learning Strategies for a total of 4 hours, which will transfer as if they were being taught in a traditional format.

Requirement: unavailable

## LCOM 155 - Elem Algebra/Learn Strat Math

Students earn 4-credit hours (3 credit hours for MATH 115, Intro to Algebra and 1 credit hour for LS 174, Learning Strategies for MATH). This course facilitates mathematics learning by integrating thinking skills, study skills and mathematical content. The student will acquire life-long learning skills along with the basic skills of algebra. Students in this learning community class will learn problem solving, test taking and cognitive skills. They will apply these skills to their math textbook, homework assignments, class discussions and lectures. This course will also address emotions and attitudes which may block math learning and will offer strategies and techniques designed to overcome these feelings. MATH 115 may fulfill some certificate requirements, but will not fulfill degree requirements.

Credit Hours: 4

Prerequisite: MATH 111 with a minimum grade of "C" or appropriate score on the math assessment test

	Days	Time	Date	Location	Instructor	Seats Open
82741 001 F2F	M-W-F--	01:00-02:15 PM	08/18/14-12/12/14	CLB 211	TBA	30 of 30

Enroll in both MATH 115 (CRN 81587) and LS 174 (CRN 82738)

Note: For LCOM 155, you must enroll in both MATH 115-033 (CRN 81587) and LS 174-002 (CRN 82738). You do not enroll in LCOM 155-001. This is a Learning Communities course combining Elementary Algebra and Learning Strategies for Math and is team-taught. Students will earn 3 credits in Math and 1 credit in Learning Strategies for a total of 4 hours, which will transfer as though they were being taught in a traditional format. These classes will be team-taught.

Requirement: unavailable

## LCOM 157 - Fund Math/Learn Strateg Math

Students earn 4-credit hours (3 credit hours for MATH 111 Fundamentals of Math and 1 credit hour for LS 174 Learning Strategies for Math). This course facilitates mathematics learning by integrating thinking skills, study skills and mathematical content. The student will acquire life-long learning skills along with fundamental math procedures and concepts. Students in this learning community class will learn problem solving, test taking and cognitive skills. They will apply these skills to their math textbook, homework assignments, class discussions and lectures. This course will also address emotions and attitudes which may block math learning and will offer strategies and techniques designed to overcome these feelings. Active learning will be encouraged through activities such as pair and share, journal writing, group discussions, self-assessments and collaborative learning. MATH 111 will not fulfill degree requirements.

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Credit Hours: 4

Prerequisite: Appropriate score on the math assessment test

	Days	Time	Date	Location	Instructor	Seats Open
82751 001 F2F	M-W-F--	02:00-03:15 PM	08/18/14-12/12/14	OCB 308	TBA	30 of 30

Enroll in both MATH 111 (CRN 81558) and LS 174 (CRN 82749)

Note: For LCOM 157, you must enroll in both MATH 111-031 (CRN 81558) and LS 174-003 (CRN 82749). You do not enroll in LCOM 157-001. This is a Learning Communities course combining Fundamentals of Math and Learning Strategies for Math and is team-taught. Students will earn 3 credits in Math and 1 credit in Learning Strategies for a total of 4 hours, which will transfer as though they were being taught in a traditional format.

Requirement: unavailable

## LCOM 165 - American Histories/Family Hist

Students can earn 6-credit hours (3-credit hours for ENGL 121, Composition I and 3-credit hours for HIST 141, U.S. Since 1877). U.S. History comes alive and makes more sense to people when they can see the big and little events in light of their own family's stories and memories. Not only will students study the expected topics (World War II, Viet Nam, the Great Depression), they will also explore the history of private life: what people ate, wore, worked and played at in any given era. At the same time, students will work on writing their own family's history. Instead of approaching Composition I as a series of unrelated essays, students will learn to write by focusing on how class readings and discussions related directly to their own and their family's lives. Through narrative, analysis, and research, they will create a document that their family can rely on and refer to over the course of generations to come.

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Credit Hours: 6

Prerequisite: ENGL 106 or appropriate placement score or EAP 113 and EAP 117

	Days	Time	Date	Location	Instructor	Seats Open
81505 001 F2F	-T-R---	09:30-12:15 PM	08/19/14-12/12/14	GEB 242	Antle J Broomfield A	50 of 50

Enroll in both ENGL 121 (CRN 80132) and HIST 141 (CRN 81504)

Note: For LCOM 165, you must enroll in both HIST 141-017 (CRN 81504) and ENGL 121-051 (CRN 80132). This is a Learning Communities course

combining U.S. History Since 1877 and Composition I and is team-taught. Students will earn 3 credits in History and 3 credits in English for a total of 6 hours, which will transfer as though they were being taught in a traditional format. These classes will be team-taught. You do not enroll in LCOM 165 directly.

Requirement: unavailable

## Legal Interpreting

### LI 150 - Legal Interpreting Skills II

This course develops students' skills in simultaneous interpreting, and advanced consecutive interpreting. In addition, through classroom, lab, and field experiences, students practice the three interpretation modes they have learned in the program and improve all aspects of their interpreting while forming good professional habits. Self-assessment, professional growth and development of a personal philosophy of interpreting is stressed. This course is taught in English and Spanish. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: LI 130 and LI 140 and LAW 121 and Corequisite: LI 160 and Prerequisite or Corequisite: LI 170

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/li/#LI\\_150](http://catalog.jccc.edu/fall/coursedescriptions/li/#LI_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82403 001 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	CC 325	Steck M	12 of 12

### LI 160 - Spanish Legal Interpreting

This course develops the knowledge, techniques, and practices needed to function as a bilingual interpreter in a legal environment. Students will be introduced to basic legal situations, procedures, order of events, with vocabulary and terminology in both English and Spanish. Upon completion, students should be able to apply legal interpreting techniques in a variety of legal settings. This course is taught in English and Spanish. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: LI 130 and LI 140 and LAW 121 and Corequisite: LI 150 and Prerequisite or

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/li/#LI\\_160](http://catalog.jccc.edu/fall/coursedescriptions/li/#LI_160))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82404 001 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	CC 316	Renna M	12 of 12

### LI 170 - Legal Procedures and Ethics

The course will acquaint Legal Interpreting students with the major characteristics of civil and criminal litigation. Students will be able to explain the various types of procedures regarding civil and criminal litigation process and their application. The student will also be able to explain ethical rules and standards governing the legal profession. 3 hrs. lecture/ wk.

Credit Hours: 3

Prerequisite: LAW 121

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/li/#LI\\_170](http://catalog.jccc.edu/fall/coursedescriptions/li/#LI_170))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82326 001 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	CC 331	Tebbe A	11 of 11

## Learning Strategies

### LS 174 - Learning Strategies for Math

This course teaches thinking and study skills specifically geared toward the learning of math. Students practice these skills on their math textbooks and homework assignments as well as in their math class discussions and lectures. This course also addresses feelings and attitudes that may block math learning and offers strategies and techniques designed to overcome these feelings. 1 hr. lecture/wk. Learning Strategies courses offer students opportunities to acquire the thinking and learning skills needed to be a successful learner, including reading textbooks, taking notes, organizing information and preparing for tests. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 1

Corequisite: Concurrent enrollment in a math course

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/lis/#LS\\_174](http://catalog.jccc.edu/fall/coursedescriptions/lis/#LS_174))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82699 001 F2F	M-W-F--	12:55-01:15 PM	08/18/14-12/12/14	GEB 381	TBA	30 of 30

Co-requisite to enroll in MATH 120 (CRN 81761)

Note: Students enrolling in LS 174-001 (CRN 82699) must also enroll in MATH 120-030 (CRN 81761). This is a Learning Community course combining Business Mathematics and Learning Strategies for Math and is team taught. Students will earn 3 credit hours in Business Mathematics and 1 credit hour in Learning Strategies for a total of 4 hours, which will transfer as if they were being taught in a traditional format.

82738 002 F2F	M-W-F--	01:55-02:15 PM	08/18/14-12/12/14	CLB 211	TBA	30 of 30
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Co-requisite to enroll in MATH 115 (CRN 81587)

Note: Students enrolling in LS 174-002 (CRN 82738) must also enroll in MATH 115-033 (CRN 81587). This is a Learning Community course combining Elementary Algebra and Learning Strategies for Math and is team taught. Students will earn 3 credit hours in Elementary Algebra and 1 credit hour in Learning Strategies for a total of 4 hours, which will transfer as if they were being taught in a traditional format.

82749 003 F2F	M-W-F--	02:55-03:15 PM	08/18/14-12/12/14	OCB 308	TBA	30 of 30
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Co-requisite to enroll in MATH 111 (CRN 81558)

Note: Students enrolling in LS 174-003 (CRN 82749) must also enroll in MATH 111-031 (CRN 81558). This is a team-taught Learning Communities course for which students will earn a total of 4 credit hours. The credits will transfer as though they were being taught in the traditional format.

82794 004 F2F	M-W-F--	09:00-09:50 AM	08/27/14-10/08/14	LIB 305	TBA	15 of 15
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82795 005 F2F	M-W-F--	11:00-11:50 AM	08/27/14-10/08/14	LIB 305	TBA	15 of 15
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82797	006 F2F	-T-R---	11:00-12:15 PM	08/28/14-10/07/14	LIB 303	Kanter F	14 of 14
82798	007 F2F	M-W-F--	10:00-10:50 AM	10/13/14-11/21/14	LIB 305	TBA	15 of 15
82799	008 F2F	-T-R---	09:30-10:45 AM	10/14/14-11/20/14	LIB 303	Kanter F	14 of 14

## LS 176 - Strategic Learning System

In this course, students will learn a series of strategies for processing information from textbooks and lectures and strategies for studying for and taking tests. As the strategies are introduced, students apply them to the content of courses in which they are concurrently enrolled. Upon successful completion of the course, students will have developed a system for learning that can be adapted for use in any learning situation. 1 hr. lecture/wk. Learning Strategies courses offer students opportunities to acquire the thinking and learning skills needed to be a successful learner, including reading textbooks, taking notes, organizing information and preparing for tests.

Credit Hours: 1

Corequisite: Concurrent enrollment in a college lecture course

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/ls/#LS\\_176](http://catalog.jccc.edu/fall/coursedescriptions/ls/#LS_176))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
82800	001 F2F	M-W-F--	09:00-09:50 AM	08/27/14-10/08/14	LIB 303	Fielder R	14 of 14
82801	002 F2F	M-W-F--	11:00-11:50 AM	08/27/14-10/08/14	LIB 303	Mann V	14 of 14
82806	004 F2F	-T-R---	11:00-12:15 PM	08/28/14-10/07/14	LIB 305	TBA	15 of 15
82807	005 F2F	-T-R---	12:30-01:45 PM	08/28/14-10/07/14	LIB 303	Mann V	14 of 14
82808	006 F2F	M-W-F--	10:00-10:50 AM	10/13/14-11/21/14	LIB 303	Mann V	14 of 14
82810	007 F2F	M-W-F--	12:00-12:50 PM	10/13/14-11/21/14	LIB 303	Mann V	14 of 14

## LS 178 - Memory Strategies

In this course, students learn a series of techniques to help them improve their retention and recall of information needed for success in college courses. These techniques provide a systematic approach to learning and remembering. Students immediately use the techniques to learn information from their other college courses. 1 hr. lecture/wk. Learning Strategies courses offer students opportunities to acquire the thinking and learning skills needed to be a successful learner, including reading textbooks, taking notes, organizing information and preparing for tests.

Credit Hours: 1

Corequisite: Concurrent enrollment in another college course

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/ls/#LS\\_178](http://catalog.jccc.edu/fall/coursedescriptions/ls/#LS_178))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
82811	001 F2F	M-W-F--	10:00-10:50 AM	08/27/14-10/08/14	LIB 305	Mann V	15 of 15



82812	002 F2F	M-W-F--	12:00-12:50 PM	08/27/14-10/08/14	LIB 303	Mann V	14 of 14
82815	003 F2F	-T-R---	09:30-10:45 AM	08/28/14-10/07/14	LIB 303	Kanter F	14 of 14
82816	004 F2F	M-W-F--	09:00-09:50 AM	10/13/14-11/21/14	LIB 305	Mann V	15 of 15
82817	005 F2F	M-W-F--	11:00-11:50 AM	10/13/14-11/21/14	LIB 305	Mann V	15 of 15
82818	006 F2F	-T-R---	11:00-12:15 PM	10/14/14-11/20/14	LIB 305	Kanter F	15 of 15

## LS 186 - Exam Strategies

This course offers students an opportunity to explore their own learning styles and to develop appropriate strategies for improving test performance through improved learning procedures. Emphasis will be on practical application of the learned strategies to courses in which the students are concurrently enrolled. 1 hr. lecture/wk. Learning Strategies courses offer students opportunities to acquire the thinking and learning skills needed to be a successful learner, including reading textbooks, taking notes, organizing information and preparing for tests.

Credit Hours: 1

Corequisite: Concurrent enrollment in at least one other college course in which exams are taken

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/ls/#LS\\_186](http://catalog.jccc.edu/fall/coursedescriptions/ls/#LS_186))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
82819	001 F2F	M-W-F--	10:00-10:50 AM	08/27/14-10/08/14	LIB 303	Ackelson M	14 of 14
82820	002 F2F	M-W-F--	11:00-11:50 AM	10/13/14-11/21/14	LIB 303	Ackelson M	14 of 14
82821	003 F2F	-T-R---	11:00-12:15 PM	10/14/14-11/20/14	LIB 303	Ackelson M	14 of 14

## LS 200 - College Learning Methods

This course provides students with opportunities to develop skills and habits that will help them establish and maintain effective learning systems. Students first learn and practice the learning methods in class and then apply these methods to appropriate situations in their other college coursework. The methods, which are based on valid learning and thinking principles, will help students meet the higher-level demands of the subjects encountered in college courses. 3 hrs. lecture/wk. Learning Strategies courses offer students opportunities to acquire the thinking and learning skills needed to be a successful learner, including reading textbooks, taking notes, organizing information and preparing for tests.

Note: Learning Strategies courses offer students opportunities to acquire the thinking and learning skills needed to be a successful learner, including reading textbooks, taking notes, organizing information and preparing for tests.

Credit Hours: 3

Corequisite: Concurrent enrollment in at least one academic college course

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/ls/#LS\\_200](http://catalog.jccc.edu/fall/coursedescriptions/ls/#LS_200))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82822 001 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	LIB 305	Ackelson M	15 of 15
82823 002 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	LIB 305	Ackelson M	15 of 15
82824 003 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	LIB 305	Ackelson M	15 of 15
82825 004 F2F	M-W-F--	01:00-02:15 PM	09/03/14-12/12/14	LIB 305	TBA	15 of 15

## Mathematics

### MATH 111 - Fundamentals of Mathematics

Fundamentals of Mathematics is designed for the student who needs to improve or review basic math skills and concepts. This course includes computation using integers, fractions, decimals, proportions and percents along with an overview of measurement, geometry, statistics and linear equations. Fundamentals of Math provides the mathematical foundation upon which subsequent studies in mathematics and other areas depend. This course may be offered as a Learning Community (LCOM) section. Please see the current credit course schedule for LCOM details. This course does not fulfill degree requirements. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture / wk.


Credit Hours: 3

Associated Costs: \$0 to 100

Prerequisite: AAC 112 with a grade of "C" or higher or appropriate score on the math placement test.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_111](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_111))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81553 001 F2F	MTWRF--	11:00-11:50 AM	08/18/14-12/12/14	OCB 308	TBA	24 of 24
Note: MATH 111-001 meets 5 hours a week enabling students to learn Fundamentals of Mathematics material at a slower pace.						
81554 011 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	GEB 313	TBA	24 of 24
81555 012 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	OCB 308	TBA	24 of 24
81556 013 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	GEB 381	TBA	24 of 24
81557 030 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	CLB 213	TBA	24 of 24
81558 031 F2F	M-W-F--	02:00-02:50 PM	08/18/14-12/12/14	OCB 308	TBA	30 of 30
Co-requisite to enroll in LS 174 (CRN 82749)						
Note: Students enrolling in MATH 111-031 (CRN 81558) must also enroll in LS 174-003 (CRN 82749). This is a Learning Community course combining Fundamentals of Mathematics and Learning Strategies for Math and is team taught. Students will earn 3 credit hours in Fundamentals of Mathematics and 1 credit hour in Learning Strategies for a total of 4 hours, which will transfer as if they were being taught in a traditional format.						
81559 040 F2F	M-W----	09:30-10:45 AM	08/18/14-12/12/14	OCB 332	Imm C	24 of 24
81560 050 F2F	M-W----	06:00-07:15 PM	08/18/14-12/12/14	OCB 332	TBA	24 of 24
81562 061 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	GEB 381	TBA	24 of 24

81563	062 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	LIB 353B	Imm C	24 of 24
81564	080 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	GEB 381	TBA	24 of 24
81565	081 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	GEB 381	TBA	24 of 24
81566	100 F2F	M-----	03:00-05:50 PM	08/18/14-12/12/14	CLB 203	TBA	24 of 24
81567	140 F2F	----F--	06:00-08:50 PM	08/22/14-12/12/14	CLB 213	TBA	24 of 24
81568	150 F2F	-----S-	09:00-11:50 AM	08/23/14-12/12/14	CLB 203	TBA	24 of 24
81569	200 F2F	-T-----	06:00-09:00 PM	09/02/14-12/12/14	 LCS	Fischer E	20 of 20
81570	280 F2F	M-W----	02:00-03:25 PM	09/03/14-12/12/14	GEB 313	TBA	15 of 15
81571	290 F2F	-T-R---	06:00-07:45 PM	09/16/14-12/12/14	GEB 381	TBA	15 of 15
81572	350 ONLINE	-----	-	08/18/14-12/12/14	Online	Fischer E	18 of 18

Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

81573	351 ONLINE	-----	-	08/18/14-12/12/14	Online	Palcic R	18 of 18
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Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

81574	375 ONLINE	-----	-	09/15/14-12/12/14	Online	Fischer E	15 of 15
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Note: In this online course, it is expected that students will work daily for a total of at least 14 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

81575	450 SEL	-----	-	08/18/14-12/11/15	Self Paced	Deas M	5 of 5
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Note: Students can begin their study in this self-paced math course at any time between July 1, 2014 and October 31, 2014, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Mary Deas, at [mdeas@jccc.edu](mailto:mdeas@jccc.edu) or 913-469-8500, ext. 4215. For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/mathematics/self-paced.html>

(<http://www.jccc.edu/mathematics/self-paced.html>)

Requirement: Department approval

## MATH 115 - Elementary Algebra

This is a beginning course in algebra, designed to help students acquire a solid foundation in the basic skills of algebra. Students will learn to simplify arithmetic and algebraic expressions, including exponential expressions, polynomials, rational expressions and radical expressions; solve equations and inequalities, including linear equations and quadratic equations; graph linear equations; and analyze linear equations. MATH 115 may fulfill some certificate

requirements, but will not fulfill degree requirements. This course may be offered as a Learning Community (LCOM) section. Please see the current credit course schedule for LCOM details. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$0 to 100

Prerequisite: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_115](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_115))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81576 001 F2F	MTWRF--	01:00-01:50 PM	08/18/14-12/12/14	GEB 315	TBA	30 of 30
Note: MATH 115-001 meets 5 hours a week enabling students to learn Elementary Algebra material at a slower pace.						
81577 010 F2F	M-W-F--	07:00-07:50 AM	08/18/14-12/12/14	CLB 213	TBA	24 of 24
81578 011 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	CLB 203	Hoopes D	30 of 30
81579 012 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CLB 203	Hoopes D	30 of 30
81580 013 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	GEB 313	Lefert K	30 of 30
81581 014 F2F	M-W-F--	10:00-10:55 AM	08/18/14-12/12/14	CLB 203	Robinson W	26 of 26
Note: Math 115-014 is an Accelerated Review Course (ARC) that begins with a 2-week intensive review. The review will be held in a computer classroom where the student will have access to individualized instruction. Attendance during the 2-week intensive review is NOT optional. The student will spend the 2-week intensive review time either refreshing Fundamentals of Mathematics skills or working to bypass Elementary Algebra. If the student makes adequate progress during the 2-week intensive review, the student will be allowed to advance to an Intermediate Algebra ARC for the remaining 14 weeks of the semester. If you have questions about this opportunity, contact Nancy Carpenter at <a href="mailto:nancyc@jccc.edu">nancyc@jccc.edu</a> .						
81582 015 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	OCB 308	TBA	24 of 24
81583 016 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CLB 203	Hoopes D	30 of 30
81584 030 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	GEB 340	Dunham J	30 of 30
81585 031 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	CLB 211	Lefert K	30 of 30
81586 032 F2F	M-W-F--	01:00-01:55 PM	08/18/14-12/12/14	CLB 203	Edmonds B	26 of 26
Note: Math 115-032 is an Accelerated Review Course (ARC) that begins with a 2-week intensive review. The review will be held in a computer classroom where the student will have access to individualized instruction. Attendance during the 2-week intensive review is NOT optional. The student will spend the 2-week intensive review time either refreshing Fundamentals of Mathematics skills or working to bypass Elementary Algebra. If the student makes adequate progress during the 2-week intensive review, the student will be allowed to advance to an Intermediate Algebra ARC for the remaining 14 weeks of the semester. If you have questions about this opportunity, contact Nancy Carpenter at <a href="mailto:nancyc@jccc.edu">nancyc@jccc.edu</a> .						
81587 033 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	CLB 211	Robinson W	30 of 30
Co-requisite to enroll in LS 174 (CRN 82738)						
Note: Students enrolling in Math 115-033 (CRN 81587) must also enroll in LS 174-002 (CRN 82738). This is a learning communities course combining Elementary Algebra and Learning Strategies for Math and is team taught. Students will earn 3 credit hours in Elementary Algebra and 1 credit hour in Learning Strategies for a total of 4 hours, which will transfer as if they were being taught in a traditional format.						
81588 040 F2F	M-W----	11:00-12:15 PM	08/18/14-12/12/14	OCB 332	O'Brien L	26 of 26
82995 041 F2F	M-W----	04:00-06:50 PM	10/13/14-12/07/14	CLB 316	TBA	24 of 24

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81589	050 F2F	M-W----	06:00-07:25 PM	08/18/14-12/12/14	GEB 340	TBA	30 of 30
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Note: Math 115-050 is an Accelerated Review Course (ARC) that begins with a 2-week intensive review. The review will be held in a computer classroom where the student will have access to individualized instruction. Attendance during the 2-week intensive review is NOT optional. The student will spend the 2-week intensive review time either refreshing Fundamentals of Mathematics skills or working to bypass Elementary Algebra. If the student makes adequate progress during the 2-week intensive review, the student will be allowed to advance to an Intermediate Algebra ARC for the remaining 14 weeks of the semester. If you have questions about this opportunity, contact Nancy Carpenter at [nancyc@jccc.edu](mailto:nancyc@jccc.edu).

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81590	060 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	CLB 207	TBA	30 of 30
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81592	062 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	OCB 308	Jensen J	24 of 24
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81593	063 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CLB 207	O'Brien L	30 of 30
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81594	064 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CLB 207	Wang S	30 of 30
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81595	080 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CLB 207	TBA	30 of 30
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81596	081 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	GEB 340	Jensen J	30 of 30
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81597	082 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	CLB 211	Hughes D	30 of 30
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81598	083 F2F	-T-R---	04:30-05:45 PM	08/19/14-12/12/14	CLB 211	Hughes D	30 of 30
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81599	090 F2F	-T-R---	07:30-08:45 PM	08/19/14-12/12/14	CLB 211	TBA	30 of 30
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81600	120 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	CLB 403	TBA	30 of 30
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81601	140 F2F	----F--	06:00-08:50 PM	08/22/14-12/12/14	CLB 211	TBA	30 of 30
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81602	160 F2F	-----U	12:00-02:50 PM	08/24/14-12/12/14	CLB 203	TBA	30 of 30
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81603	170 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CLB 211	Dunham J	56 of 56
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Co-requisite to enroll in MATH 116 (CRN 81604)

Note: For Math 115-170 you must enroll in both Math 115-170 (CRN 81603) and MATH 116-170 (CRN 81604). This is a Learning Community course combining Elementary Algebra and Intermediate Algebra. Students will be asked to learn all of the content from these two algebra classes during one semester. To accomplish this, students must be prepared to dedicate sufficient time and effort both inside and outside of the classroom. Students will earn 3 credit hours in Elementary Algebra and 3 credit hours in Intermediate Algebra for a total of 6 hours, which will transfer as if they were being taught in a traditional format.

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81605	171 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CLB 209	TBA	60 of 60
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Co-requisite to enroll in MATH 116 (CRN 81606)

Note: For Math 115-171 you must enroll in both Math 115-171 (CRN 81605) and MATH 116-171 (CRN 81606). This is a Learning Community course combining Elementary Algebra and Intermediate Algebra. Students will be asked to learn all of the content from these two algebra classes during one semester. To accomplish this, students must be prepared to dedicate sufficient time and effort both inside and outside of the classroom. Students will earn 3 credit hours in Elementary Algebra and 3 credit hours in Intermediate Algebra for a total of 6 hours, which will transfer as if they were being taught in a traditional format.


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81607	172 F2F	-T-R---	06:00-07:15 PM	08/19/14-12/12/14	CLB 205	TBA	60 of 60
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Co-requisite to enroll in MATH 116 (CRN 81608)

Note: For Math 115-172 you must enroll in both Math 115-172 (CRN 81607) and MATH 116-172 (CRN 81608). This is a Learning Community course combining Elementary Algebra and Intermediate Algebra. Students will be asked to learn all of the content from these two algebra classes during one semester. To accomplish this, students must be prepared to dedicate sufficient time and effort both inside and outside of the classroom. Students will earn 3 credit hours in Elementary Algebra and 3 credit hours in Intermediate Algebra for a total of 6 hours, which will transfer as if they were being taught in a traditional format.

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81609	200 F2F	M-----	09:00-12:00 PM	08/25/14-12/12/14	 LCS	Fischer E	20 of 20
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81610	201 F2F	M-----	06:00-09:00 PM	08/25/14-12/12/14	 LCS	Edmonds B	20 of 20
81611	280 F2F	M-W----	02:00-03:25 PM	09/03/14-12/12/14	GEB 381	TBA	15 of 15
81612	290 F2F	-T-R---	06:00-07:45 PM	09/16/14-12/12/14	CLB 403	TBA	15 of 15
81613	350 ONLINE	-----	-	08/18/14-12/12/14	Online	Imm C	18 of 18

Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

81614	351 ONLINE	-----	-	08/18/14-12/12/14	Online	Lefert K	18 of 18
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Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

81616	360 ONLINE	-----	-	08/18/14-10/12/14	Online	Lefert K	18 of 18
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Note: In this online course, it is expected that students will work daily for a total of at least 20 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

81617	375 ONLINE	-----	-	09/15/14-12/12/14	Online	Fischer E	15 of 15
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Note: In this online course, it is expected that students will work daily for a total of at least 14 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

81618	450 SEL	-----	-	08/18/14-12/11/15	Self Paced	Deas M	5 of 5
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Note: Students can begin their study in this self-paced math course at any time between July 1, 2014 and October 31, 2014, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Mary Deas, at [mdeas@jccc.edu](mailto:mdeas@jccc.edu) or 913-469-8500, ext. 4215. For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/mathematics/self-paced.html>

(<http://www.jccc.edu/mathematics/self-paced.html>)

Requirement: Department approval

## MATH 116 - Intermediate Algebra

This course focuses on arithmetic and algebraic manipulation, equations and inequalities, graphs, and analysis of equations and graphs. Students will simplify arithmetic and algebraic expressions, including those containing rational expressions, rational exponents, radicals and complex numbers; solve equations and inequalities including linear, quadratic, quadratic in form, as well as those containing rational expressions, radicals or absolute value; graph linear inequalities; and analyze functions and non-functions. 3 or 5 hrs.lecture/wk. This course may be offered as a Learning Community (LCOM) section. Please see the current credit course schedule for LCOM details.

Credit Hours: 3

Associated Costs: \$0 to 100

Prerequisite: MATH 115 with a grade of "C" or higher or appropriate score on the math placement test.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_116](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_116))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81675 001 F2F	MTWRF--	12:00-12:50 PM	08/18/14-12/12/14	CLB 402	TBA	24 of 24
Note: MATH 116-001 meets 5 hours a week enabling students to learn Intermediate Algebra material at a slower pace.						
81676 010 F2F	M-W-F--	07:00-07:50 AM	08/18/14-12/12/14	CLB 203	TBA	30 of 30
81677 011 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	GEB 315	TBA	30 of 30
81678 012 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	GEB 381	Goodman C	24 of 24
81679 013 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CLB 402	Kennett J	24 of 24
81680 014 F2F	M-W-F--	10:00-10:55 AM	08/18/14-12/12/14	CLB 207	Dunham J	24 of 24
Note: Math 116-014 is an Accelerated Review Course (ARC) that begins with a 2-week intensive review. The review will be held in a computer classroom where the student will have access to individualized instruction. Attendance during the 2-week intensive review is NOT optional. The student will spend the 2-week intensive review time either refreshing Elementary Algebra skills or working to bypass Intermediate Algebra. If the student makes adequate progress during the 2-week intensive review, the student will be allowed to advance to a College Algebra ARC for the remaining 14 weeks of the semester. If you have questions about this opportunity, contact Nancy Carpenter at <a href="mailto:nancyc@jccc.edu">nancyc@jccc.edu</a> .						
81681 015 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CLB 205	TBA	30 of 30
81682 016 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CLB 211	Kennett J	30 of 30
81683 017 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CLB 207	Wang S	30 of 30
81684 030 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	CLB 203	Wang S	30 of 30
81685 031 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	CLB 207	Goodman C	30 of 30
81686 032 F2F	M-W-F--	01:00-01:55 PM	08/18/14-12/12/14	GEB 313	Dunham J	24 of 24
Note: Math 116-032 is an Accelerated Review Course (ARC) that begins with a 2-week intensive review. The review will be held in a computer classroom where the student will have access to individualized instruction. Attendance during the 2-week intensive review is NOT optional. The student will spend the 2-week intensive review time either refreshing Elementary Algebra skills or working to bypass Intermediate Algebra. If the student makes adequate progress during the 2-week intensive review, the student will be allowed to advance to a College Algebra ARC for the remaining 14 weeks of the semester. If you have questions about this opportunity, contact Nancy Carpenter at <a href="mailto:nancyc@jccc.edu">nancyc@jccc.edu</a> .						
81687 033 F2F	M-W-F--	02:00-02:50 PM	08/18/14-12/12/14	CLB 203	TBA	30 of 30
81688 040 F2F	M-W----	12:30-01:45 PM	08/18/14-12/12/14	OCB 332	O'Brien L	26 of 26
82994 041 F2F	M-W----	04:00-06:50 PM	10/13/14-12/07/14	GEB 381	TBA	24 of 24
81695 050 F2F	M-W----	06:00-07:25 PM	08/18/14-12/12/14	CLB 203	TBA	24 of 24

Note: Math 116-050 is an Accelerated Review Course (ARC) that begins with a 2-week intensive review. The review will be held in a computer classroom where the student will have access to individualized instruction. Attendance during the 2-week intensive review is NOT optional. The student will spend the 2-week intensive review time either refreshing Elementary Algebra skills or working to bypass Intermediate Algebra. If the student makes adequate progress during the 2-week intensive review, the student will be allowed to advance to a College Algebra ARC for the

remaining 14 weeks of the semester. If you have questions about this opportunity, contact Nancy Carpenter at nancyc@jccc.edu.

81697	060 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	CLB 203	TBA	30 of 30
81699	061 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	GEB 340	Fischer E	30 of 30
81702	062 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CLB 209	Barlow R	24 of 24
81704	063 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CLB 402	Kennett J	24 of 24
81706	064 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CLB 403	Kennett J	30 of 30
81709	065 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CLB 203	O'Brien L	30 of 30
81710	080 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	OCB 332	TBA	26 of 26
81712	081 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	 OHEC 105	TBA	24 of 24
81722	083 F2F	-T-R---	04:30-05:45 PM	08/19/14-12/12/14	CLB 205	Deas M	30 of 30
81723	090 F2F	-T-R---	06:00-07:15 PM	08/19/14-12/12/14	CLB 203	Hoopes D	30 of 30
81724	110 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	OCB 332	TBA	26 of 26
81725	140 F2F	----F--	06:00-08:50 PM	08/22/14-12/12/14	CLB 207	TBA	30 of 30
81727	160 F2F	-----U	12:00-02:50 PM	08/24/14-12/12/14	CLB 207	TBA	30 of 30
81604	170 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CLB 211	Dunham J	56 of 56
Co-requisite to enroll in MATH 115 (CRN 81603)							
81606	171 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CLB 209	TBA	60 of 60
Co-requisite to enroll in MATH 115 (CRN 81605)							
81608	172 F2F	-T-R---	07:30-08:45 PM	08/19/14-12/12/14	CLB 205	TBA	60 of 60
Co-requisite to enroll in MATH 115 (CRN 81607)							
81728	240 F2F	---R---	06:00-09:00 PM	09/04/14-12/12/14	 DSH 408	TBA	20 of 20
81731	250 F2F	M-W----	06:00-07:25 PM	09/03/14-12/12/14	 OHEC	TBA	20 of 20
81732	280 F2F	M-W----	02:00-03:25 PM	09/03/14-12/12/14	GEB 340	TBA	15 of 15
81733	290 F2F	-T-R---	06:00-07:45 PM	09/16/14-12/12/14	GEB 313	TBA	15 of 15
81734	350 ONLINE	-----	-	08/18/14-12/12/14	Online	Barlow R	18 of 18

Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

81749	351 ONLINE	-----	-	08/18/14-12/12/14	Online	Barlow R	18 of 18
Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.							
		-----	-	10/13/14-12/07/14	Online	O'Brien L	15 of 15



82040 365 ONLINE

Note: In this online course, it is expected that students will work daily for a total of at least 20 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

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81753 375 ONLINE ----- - 09/15/14-12/12/14 Online Barlow R 15 of 15

Note: In this online course, it is expected that students will work daily for a total of at least 14 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

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81754 450 SEL ----- - 08/18/14-12/11/15 Self Paced Reinhard V 5 of 5

Note: Students can begin their study in this self-paced math course at any time between July 1, 2014 and October 31, 2014, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Vivian Reinhard, at [vreinhard@jccc.edu](mailto:vreinhard@jccc.edu) or 913-469-8500, ext. 4959. For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/mathematics/self-paced.html>

(<http://www.jccc.edu/mathematics/self-paced.html>)

Requirement: Department approval

## MATH 118 - Geometry

This course is an informal approach to geometry. Topics will include lines, polygons, area, volume, circles, similarity, congruence and coordinate geometry. 3 hrs. lecture/wk.

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Credit Hours: 3

Associated Costs: \$0 to 100

Prerequisite: MATH 115 with a grade of "C" or higher or appropriate score on the math placement test.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_118](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_118))

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CRN	Days	Time	Date	Location	Instructor	Seats Open
81755 450 SEL	-----	-	08/18/14-12/11/15	Self Paced	Reinhard V	5 of 5

Note: Students can begin their study in this self-paced math course at any time between July 1, 2014 and October 31, 2014, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Vivian Reinhard, at [vreinhard@jccc.edu](mailto:vreinhard@jccc.edu) or 913-469-8500, ext. 4959. For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/mathematics/self-paced.html>

(<http://www.jccc.edu/mathematics/self-paced.html>)

Requirement: Department approval

## MATH 120 - Business Mathematics

This is a course for the student who needs specific skills in mathematics to address business problems and business applications. Students will learn the mathematics involved in payroll, retailing, asset valuation, interest, finance, and the time value of money. Students will use a calculator and computer to solve a variety of applications. This course

may be offered as a Learning Community (LCOM) section. Please see the current credit course schedule for LCOM details. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$0 to 25


Prerequisite: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_120](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81756 010 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CLB 211	TBA	30 of 30
81759 011 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	GEB 315	Wilson S	30 of 30
81761 030 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	GEB 381	TBA	30 of 30

Co-requisite to enroll in LS 174 (CRN 82699)

Note: Students enrolling in MATH 120-030 (CRN 81761) must also enroll in LS 174-001 (CRN 82699). This is a Learning Community course combining Business Mathematics and Learning Strategies for Math and is team taught. Students will earn 3 credit hours in Fundamentals of Mathematics and 1 credit hour in Learning Strategies for a total of 4 hours, which will transfer as if they were being taught in a traditional format.

81763 060 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	CLB 211	TBA	30 of 30
81765 080 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	CLB 207	Helgeson D	30 of 30
81769 090 F2F	-T-R---	06:00-07:15 PM	08/19/14-12/12/14	GEB 340	TBA	28 of 28
81771 100 F2F	M-----	12:00-02:50 PM	08/18/14-12/12/14	CLB 403	TBA	30 of 30
81772 140 F2F	----F--	06:00-08:50 PM	08/22/14-12/12/14	CLB 203	TBA	30 of 30
81773 200 F2F	--W----	06:00-09:00 PM	09/03/14-12/12/14	 LCS	TBA	20 of 20
81775 280 F2F	-T-R---	12:30-01:55 PM	09/02/14-12/12/14	GEB 313	TBA	15 of 15
81777 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Wilson S	18 of 18

Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

81778 351 ONLINE	-----	-	08/18/14-12/12/14	Online	Wilson S	18 of 18
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Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

81779 352 ONLINE	-----	-	08/18/14-12/12/14	Online	TBA	18 of 18
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Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work,

communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

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82894 370 ONLINE ----- - 09/02/14-12/12/14 Online TBA 15 of 15

Note: In this online course, it is expected that students will work daily for a total of at least 12 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

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81780 450 SEL ----- - 08/18/14-12/11/15 Self Paced Reinhard V 5 of 5

Note: Students can begin their study in this self-paced math course at any time between July 1, 2014 and October 31, 2014, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Vivian Reinhard, at [vreinhard@jccc.edu](mailto:vreinhard@jccc.edu) or 913-469-8500, ext. 4959. For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/mathematics/self-paced.html> (<http://www.jccc.edu/mathematics/self-paced.html>)

Requirement: Department approval

## MATH 130 - Technical Mathematics I

This course is the first of a two-semester sequence that will introduce the mathematical skills and concepts necessary in technical work. It will focus on the basics of algebra, geometry and their applications. Topics will include operations with polynomials, linear equations, systems of equations, formulas and basic geometry. 3 hrs. lecture/wk.

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Credit Hours: 3

Associated Costs: \$0 to 100

Prerequisite: MATH 111 with a grade of "C" or higher or an appropriate score on the math placement test.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_130](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81781 040 F2F	M-W----	08:00-09:15 AM	08/18/14-12/12/14	OCB 332	TBA	26 of 26
81782 050 F2F	M-W----	06:00-07:15 PM	08/18/14-12/12/14	CLB 402	TBA	24 of 24
81785 080 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	OCB 308	TBA	24 of 24

## MATH 131 - Technical Mathematics II

This course is the second of a two-semester sequence on the mathematical skills and concepts necessary in technical work. It will focus on more advanced algebraic skills, solving equations, and trigonometry. The topics will include polynomials, rational expressions, radical expressions, complex numbers, solving quadratic, rational, radical, exponential and logarithmic equations, and working with basic trigonometry. 3 hrs. lecture/wk.

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Credit Hours: 3

Associated Costs: \$0 to 100

Prerequisites: MATH 130 with a grade of "C" or higher or an equivalent course with a grade of "C" or higher

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_131\)](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81787 090 F2F	-T-R---	06:00-07:15 PM	08/19/14-12/12/14	CLB 402	TBA	24 of 24

## MATH 171 - College Algebra


This course focuses on the study of functions and their graphs, techniques of solving equations, and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk.

Credit Hours: 3

Associated Costs: \$0 to 100

Prerequisite: MATH 116 with a grade of "C" or higher or MATH 131 with a grade of "C" or higher or appropriate score on the math placement test.

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_171\)](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_171)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81804 001 F2F	MTWRF--	09:00-09:50 AM	08/18/14-12/12/14	GEB 315	Balman B	30 of 30
Note: MATH 171-001 meets 5 hours a week enabling students to learn College Algebra material at a slower pace.						
81805 002 F2F	MTWRF--	10:00-10:50 AM	08/18/14-12/12/14	GEB 315	Balman B	30 of 30
Note: MATH 171-002 meets 5 hours a week enabling students to learn College Algebra material at a slower pace.						
81806 003 F2F	MTWRF--	11:00-11:50 AM	08/18/14-12/12/14	GEB 340	Balman B	30 of 30
Note: MATH 171-003 meets 5 hours a week enabling students to learn College Algebra material at a slower pace.						
81807 004 F2F	MTWRF--	02:00-02:50 PM	08/18/14-12/12/14	GEB 315	Dotson G	30 of 30
Note: MATH 171-004 meets 5 hours a week enabling students to learn College Algebra material at a slower pace.						
81808 010 F2F	M-W-F--	07:00-07:50 AM	08/18/14-12/12/14	CLB 209	TBA	24 of 24
81809 011 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	CLB 207	TBA	30 of 30
81810 012 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	 OHEC 105	Robinson W	24 of 24
81811 013 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CLB 207	Wang S	30 of 30
81812 014 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	GEB 340	TBA	30 of 30
81813 015 F2F	M-W-F--	10:00-10:55 AM	08/18/14-12/12/14	CLB 213	Kennett J	20 of 20

Note: Math 171-015 is an Accelerated Review Course (ARC) that begins with a 2-week intensive review. The review will be held in a computer classroom where the student will have access to individualized instruction. Attendance during the 2-week intensive review is NOT optional. The student will spend the 2-week intensive review time refreshing Intermediate Algebra skills. If you have questions about this opportunity, contact Nancy



Carpenter at nancyc@jccc.edu.

81814	016 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	GEB 340	Jensen J	30 of 30
81815	017 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	GEB 313	TBA	30 of 30
81816	018 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CLB 403	McChesney T	30 of 30
81817	030 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	GEB 313	Jensen J	30 of 30
81818	031 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	OCB 308	Barlow R	24 of 24
81819	032 F2F	M-W-F--	01:00-01:55 PM	08/18/14-12/12/14	CLB 213	Kennett J	20 of 20

Note: Math 171-032 is an Accelerated Review Course (ARC) that begins with a 2-week intensive review. The review will be held in a computer classroom where the student will have access to individualized instruction. Attendance during the 2-week intensive review is NOT optional. The student will spend the 2-week intensive review time refreshing Intermediate Algebra skills. If you have questions about this opportunity, contact Nancy Carpenter at nancyc@jccc.edu.

81820	033 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	OCB 308	Barlow R	24 of 24
82993	040 F2F	M-W----	04:00-06:50 PM	10/13/14-12/07/14	CC 229	TBA	24 of 24
81821	050 F2F	M-W----	06:00-07:25 PM	08/18/14-12/12/14	CLB 213	TBA	20 of 20

Note: Math 171-050 is an Accelerated Review Course (ARC) that begins with a 2-week intensive review. The review will be held in a computer classroom where the student will have access to individualized instruction. Attendance during the 2-week intensive review is NOT optional. The student will spend the 2-week intensive review time refreshing Intermediate Algebra skills. If you have questions about this opportunity, contact Nancy Carpenter at nancyc@jccc.edu.

82891	051 F2F	M-W----	07:30-08:45 PM	08/18/14-12/12/14	GEB 381	TBA	24 of 24
81822	060 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	OCB 308	TBA	24 of 24
81824	062 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	GEB 313	Lewis J	30 of 30
81825	063 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	GEB 340	Fischer E	30 of 30
81826	064 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CLB 211	Dunham J	30 of 30
81827	065 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	GEB 313	Goodman C	30 of 30
81831	081 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CLB 203	Dunham J	30 of 30
81832	082 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	CLB 203	Carpenter N	30 of 30
81833	083 F2F	-T-R---	04:30-05:45 PM	08/19/14-12/12/14	CLB 203	Hoopes D	30 of 30
81836	090 F2F	-T-R---	06:00-08:15 PM	08/19/14-12/12/14	GEB 315	TBA	30 of 30
81839	100 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	CLB 403	TBA	30 of 30
81841	140 F2F	----F--	06:00-08:50 PM	08/22/14-12/12/14	CLB 205	TBA	30 of 30
81843	150 F2F	-----S-	09:00-11:50 AM	08/23/14-12/12/14	CLB 205	Reinhard V	30 of 30
81844	160 F2F	-----U	12:00-02:50 PM	08/24/14-12/12/14	CLB 205	Gibbs A	30 of 30
81845	240 F2F	M-W----	06:00-07:25 PM	09/03/14-12/12/14	 DSH 409	TBA	20 of 20
81846	250 F2F	-T-R---	06:00-07:25 PM	09/02/14-12/12/14	 OHEC 119	TBA	20 of 20
81847	290 F2F	M-W----	02:00-03:45 PM	09/15/14-12/12/14	CLB 207	TBA	15 of 15

81848 350 ONLINE ----- - 08/18/14-12/12/14 Online Imm C 18 of 18

Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

81849 351 ONLINE ----- - 08/18/14-12/12/14 Online Lewis J 18 of 18

Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

81850 352 ONLINE ----- - 08/18/14-12/12/14 Online Lewis J 18 of 18

Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

82895 353 ONLINE ----- - 08/18/14-12/12/14 Online Imm C 18 of 18

Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

81851 370 ONLINE ----- - 09/02/14-12/12/14 Online Veer P 15 of 15

Note: In this online course, it is expected that students will work daily for a total of at least 12 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

81852 375 ONLINE ----- - 09/15/14-12/12/14 Online Lewis J 15 of 15

Note: In this online course, it is expected that students will work daily for a total of at least 14 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

81853 450 SEL ----- - 08/18/14-12/11/15 Self Paced Veer P 5 of 5

Note: Students can begin their study in this self-paced math course at any time between July 1, 2014 and October 31, 2014, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Phil Veer, at pveer@jccc.edu or 913-469-8500, ext. 4700. For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/mathematics/self-paced.html>

Requirement: Department approval

## MATH 171H - HON: College Algebra

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_171H](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_171H))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81517 01HF2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## MATH 172 - Trigonometry

This is a course in trigonometric functions and graphs. Emphasis will be on understanding function notation, definitions, algebraic relations, real-world applications, graphing in the real and complex plane, inverse functions, polar functions and vectors. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$0 to 100

Prerequisite: MATH 171 with a grade of "C" or higher or appropriate score on the math placement test.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_172](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_172))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81961 010 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	OCB 308	TBA	24 of 24
81962 011 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	GEB 381	Jensen J	24 of 24
81963 030 F2F	M-W-F--	02:00-02:50 PM	08/18/14-12/12/14	CLB 213	TBA	24 of 24
81964 060 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	OCB 332	TBA	26 of 26
81966 062 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	OCB 332	Robinson W	26 of 26
81967 080 F2F	-T-R---	04:30-05:45 PM	08/19/14-12/12/14	CLB 402	TBA	24 of 24
81969 090 F2F	-T-R---	06:00-07:15 PM	08/19/14-12/12/14	OCB 308	TBA	24 of 24
81970 280 F2F	M-W----	02:00-03:25 PM	09/03/14-12/12/14	OCB 332	TBA	15 of 15
81972 350 ONLNE	-----	-	08/18/14-12/12/14	Online	Lewis J	18 of 18

Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online

math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

82898 370 ONLINE ----- - 09/02/14-12/12/14 Online Lewis J 15 of 15

Note: In this online course, it is expected that students will work daily for a total of at least 12 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

81973 450 SEL ----- - 08/18/14-12/11/15 Self Paced Veer P 5 of 5

Note: Students can begin their study in this self-paced math course at any time between July 1, 2014 and October 31, 2014, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Phil Veer, at [pveer@jccc.edu](mailto:pveer@jccc.edu) or 913-469-8500, ext. 4700. For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/mathematics/self-paced.html>

(<http://www.jccc.edu/mathematics/self-paced.html>)

Requirement: Department approval

## MATH 173 - Precalculus

Note: MATH 173 is an accelerated course recommended for students with a strong high school math background (three to four years) who plan to take calculus. This course focuses on the study of functions and their graphs, solving equations and inequalities, recognition and creation of patterns, and the use of mathematical models. Included in the course are linear, power, polynomial, rational, radical, exponential, logarithmic, trigonometric, and absolute value functions. 5 hrs. lecture/wk.

Note: MATH 173 is not required for calculus, although it can satisfy the prerequisite for calculus. Read the course description for Calculus I (MATH 241) and Business and Applied Calculus (MATH 231 and MATH 232) to see what the requirements for those courses are. If you have any questions, please talk with the Dean of Mathematics.

Credit Hours: 5

Associated Costs: \$0 to 100

Prerequisite: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_173](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_173))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81976 002 F2F	MTWRF--	11:00-11:50 AM	08/18/14-12/12/14	CLB 402	Edmonds B	24 of 24
81978 003 F2F	MTWRF--	01:00-01:50 PM	08/18/14-12/12/14	CLB 402	O'Neil C	24 of 24
81979 050 F2F	M-W----	06:00-08:15 PM	08/18/14-12/12/14	OCB 308	TBA	24 of 24
81980 080 F2F	-T-R---	03:30-05:45 PM	08/19/14-12/12/14	CLB 213	O'Neil C	24 of 24
81975 280 F2F	MTWRF--	08:00-08:55 AM	09/02/14-12/12/14	CLB 402	TBA	15 of 15



## MATH 175 - Discrete Mathematics and its Applications

This course is designed to present the beauty, scope, practical applications and relevance of mathematics. It will focus on applications of general interest drawn primarily from the social and biological sciences and business. Topics will be placed in a historical context, and mathematical reasoning will be stressed. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$0 to 100

Prerequisite: MATH 171 or MATH 173 with a grade of "C" or higher or appropriate score on the math placement test.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_175](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_175))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81981 010 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CLB 402	McChesney T	24 of 24

## MATH 181 - Statistics

This is a beginning course in statistical analysis, the skill of making sense of raw data - constructing graphical representations of data, developing models for making predictions, performing tests to determine significant change and finding intervals for population values. Students will learn the basics of descriptive statistics, probability, sampling, confidence intervals, distributions, hypothesis testing, regression and correlation. Use of technology will be incorporated into course topics. 3 hrs. lecture/wk.

Note: A statistical package using the computer is a required part of instruction. No computer skills are necessary.

Credit Hours: 3

Associated Costs: \$0 to 100

Prerequisite: MATH 171 or MATH 173 or an equivalent course with a grade of "C" or higher or appropriate score on the math placement test.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_181](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_181))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81982 010 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	CLB 213	TBA	24 of 24
81983 011 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CLB 209	Grondahl R	24 of 24
81984 012 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CLB 209	Grondahl R	24 of 24
81985 013 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CLB 213	Lefert K	24 of 24
81986 030 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	CLB 209	Helgeson D	24 of 24
81987 031 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	CLB 209	Helgeson D	24 of 24

81988	040 F2F	M-W----	02:00-03:15 PM	08/18/14-12/12/14	CLB 209	Edmonds B	24 of 24
81989	050 F2F	M-W----	04:30-05:45 PM	08/18/14-12/12/14	CLB 209	TBA	24 of 24
81990	060 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	CLB 213	Robinson W	24 of 24
81991	061 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CLB 213	Robinson W	24 of 24
81992	062 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CLB 213	TBA	24 of 24
81993	080 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CLB 213	TBA	24 of 24
81994	081 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CLB 209	TBA	24 of 24
81995	082 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	CLB 213	TBA	24 of 24
81996	090 F2F	-T-R---	06:00-07:15 PM	08/19/14-12/12/14	CLB 213	TBA	24 of 24
81998	150 F2F	-----S-	09:00-11:50 AM	08/23/14-12/12/14	CLB 213	TBA	24 of 24
81999	280 F2F	M-W-F--	09:00-09:55 AM	09/03/14-12/12/14	CLB 213	TBA	15 of 15
82000	281 F2F	-T-R---	02:00-03:25 PM	09/02/14-12/12/14	CLB 209	TBA	15 of 15
82001	350 ONLINE	-----	-	08/18/14-12/12/14	Online	Palcic R	18 of 18

Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

82002	351 ONLINE	-----	-	08/18/14-12/12/14	Online	Palcic R	18 of 18
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Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

82003	352 ONLINE	-----	-	08/18/14-12/12/14	Online	Palcic R	18 of 18
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Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

82004	353 ONLINE	-----	-	08/18/14-12/12/14	Online	Palcic R	18 of 18
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Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

82005	370 ONLINE	-----	-	09/02/14-12/12/14	Online	Palcic R	15 of 15
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Note: In this online course, it is expected that students will work daily for a total of at least 12 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work,

communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

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82896 371 ONLINE ----- - 09/02/14-12/12/14 Online Palcic R 15 of 15

Note: In this online course, it is expected that students will work daily for a total of at least 12 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

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82006 450 SEL ----- - 08/18/14-12/11/15 Self Paced Veer P 5 of 5

Note: Students can begin their study in this self-paced math course at any time between July 1, 2014 and October 31, 2014, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Phil Veer, at [pveer@jccc.edu](mailto:pveer@jccc.edu) or 913-469-8500, ext. 4700. For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/mathematics/self-paced.html>

(<http://www.jccc.edu/mathematics/self-paced.html>)

Requirement: Department approval

## MATH 181H - HON: Statistics

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

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Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_181H](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_181H))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81518 02H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## MATH 212 - Math for Elementary Teachers II

This is the second of a two-course sequence for prospective teachers of elementary/middle school mathematics. The focus of this course is an in-depth investigation of the mathematical principles and concepts encountered in grades K-8. Topics include probability, statistics, measurement, and shapes including congruency, similarity, and transformations. The use of appropriate techniques and tools, such as calculators, computers, and manipulatives, will be integrated throughout the course in order to enhance the depth of understanding. 3 hrs. lecture/wk. NOTE: the prerequisite of MATH 210 requires a grade of "C" or higher.

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Credit Hours: 3

Associated Costs: \$0 to 100

Prerequisite: MATH 210 with a grade of "C" or higher or department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_212](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_212))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82401 060 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	OCB 332	McChesney T	26 of 26

## MATH 214 - Introduction to Teaching Math and Science I

This course allows math and science students to explore and develop an appreciation for teaching as a career. To support their learning, students will be introduced to the theory and practice that is necessary to design and deliver quality instruction. They will plan and implement lessons of an inquiry-based curriculum in an elementary classroom during the semester. MATH 214, ASTR 214, BIOL 214, CHEM 214, GEOS 214, PHYS 214 and PSCI 214 are the same course; enroll in only one. 1.25 hrs. lecture/wk.

Credit Hours: 1

Prerequisites: MATH 171 with a grade of "C" or higher OR appropriate score on the math placement test OR department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_214](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_214))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82996 100 F2F	M-----	03:00-04:15 PM	08/18/14-12/12/14	CLB 213	Rothrock K	24 of 24

## MATH 231 - Business and Applied Calculus I

This is the first course in calculus as it applies to business; the social, behavioral, and biomedical sciences; and other fields. Concepts include measuring the slope of a curve, writing equations of tangent lines, finding maximum and minimum points, determining the rate of change of a function, and measuring the area under a curve. Algebraic skills and application problems are stressed. Specific calculus topics include finding limits, differentiation of algebraic, exponential and logarithmic functions, and integration of algebraic and exponential functions. Trigonometry (MATH 172) can be taken concurrently with MATH 231 for those students planning to enroll in MATH 232 in subsequent semesters. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$0 to 100

Prerequisite: MATH 171 or MATH 173 with a grade of "C" or higher or appropriate score on the math placement test.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_231](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82007 010 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	CLB 211	O'Neil C	30 of 30
82008 011 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	GEB 313	Goodman C	30 of 30

82009	030 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	CLB 207	Goodman C	30 of 30
82010	031 F2F	M-W-F--	02:00-02:50 PM	08/18/14-12/12/14	CLB 402	O'Neil C	30 of 30
82011	060 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CLB 203	Wang S	30 of 30
82012	080 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CLB 211	Gibbs A	30 of 30
82014	090 F2F	-T-R---	06:00-07:15 PM	08/19/14-12/12/14	CLB 211	Gibbs A	30 of 30
82015	350 ONLINE	-----	-	08/18/14-12/12/14	Online	Imm C	18 of 18

Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

82899	370 ONLINE	-----	-	09/02/14-12/12/14	Online	Lefert K	15 of 15
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Note: In this online course, it is expected that students will work daily for a total of at least 12 hours each week in order to meet all deadlines. One of more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

## MATH 232 - Business and Applied Calculus II

This is the second course in a two-semester series on calculus that covers five techniques of integration, differentiation and integration of trigonometric functions, differential equations, and functions of several variables as applied to business, statistics, biology and the social sciences. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$0 to 100

Prerequisites: MATH 231 and either MATH 172 or MATH 173 with a grade of "C" or higher or appropriate score on the math placement test.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_232](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_232))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
82016	030 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	GEB 340	TBA	30 of 30

## MATH 232H - HON: Bus. & Applied Calculus II

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_232H](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_232H))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81519 03H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## MATH 241 - Calculus I

This is the first of a three-semester sequence on calculus designed for engineering, physics and math majors. Rates of change, areas and volumes will be studied. To accomplish this, the students will study and apply limits and continuity. Differentiation and integration of algebraic, trigonometric and transcendental functions will also be a major focus of this course. 5 hrs. lecture/wk.

Credit Hours: 5

Associated Costs: \$0 to 100

Prerequisite: Either (MATH 171 and MATH 172) or MATH 173 or an equivalent course with a grade of "C" or higher or an appropriate score on an placement test.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_241](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_241))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82018 001 F2F	MTWRF--	08:00-08:50 AM	08/18/14-12/12/14	CLB 205	Grondahl R	28 of 28
82019 002 F2F	MTWRF--	09:00-09:50 AM	08/18/14-12/12/14	CLB 403	Helgeson D	28 of 28
82020 003 F2F	MTWRF--	10:00-10:50 AM	08/18/14-12/12/14	CLB 403	Edmonds B	28 of 28
82021 004 F2F	MTWRF--	11:00-11:50 AM	08/18/14-12/12/14	CLB 205	Dotson G	28 of 28
82022 005 F2F	MTWRF--	12:00-12:50 PM	08/18/14-12/12/14	CLB 205	Dotson G	28 of 28
82023 006 F2F	MTWRF--	02:00-02:50 PM	08/18/14-12/12/14	CLB 205	McChesney T	28 of 28
82025 080 F2F	-T-R---	03:30-05:45 PM	08/19/14-12/12/14	CLB 207	Gibbs A	28 of 28
82026 090 F2F	-T-R---	06:00-08:15 PM	08/19/14-12/12/14	CLB 207	Hughes D	28 of 28

## MATH 241H - HON: Calculus I

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_241H](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_241H))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81520 04H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## MATH 242 - Calculus II

This is the second course of a three-semester sequence on calculus. The emphasis will be an analytic, numerical and graphical approach to techniques of integration, and infinite series, including scientific applications. 5 hrs. lecture/wk.

Credit Hours: 5

Associated Costs: \$0 to 100

Prerequisite: MATH 237 or MATH 241 or an equivalent course with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_242](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_242))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82027 001 F2F	MTWRF--	08:00-08:50 AM	08/18/14-12/12/14	CLB 403	TBA	30 of 30
82028 002 F2F	MTWRF--	12:00-12:50 PM	08/18/14-12/12/14	GEB 315	Grondahl R	30 of 30
82029 050 F2F	M-W----	06:00-08:15 PM	08/18/14-12/12/14	GEB 313	Hughes D	30 of 30
82030 080 F2F	-T-R---	03:30-05:45 PM	08/19/14-12/12/14	CLB 209	Edmonds B	24 of 24

## MATH 242H - HON: Calculus II

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_242H](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_242H))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81521 05H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## MATH 243 - Calculus III

This is the third course in a three-semester sequence on analytic geometry and calculus. Topics include vector-valued functions, functions of several variables, multiple integration, and vector analysis. 5 hrs. lecture/wk.

Credit Hours: 5

Associated Costs: \$0 to 100

Prerequisite: MATH 242 with a grade of "C" or higher or an equivalent course with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_243](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_243))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82031 001 F2F	MTWRF--	01:00-01:50 PM	08/18/14-12/12/14	CLB 205	Edmonds B	30 of 30
82032 090 F2F	-T-R---	06:00-08:15 PM	08/19/14-12/12/14	CLB 209	TBA	24 of 24

## MATH 246 - Elementary Linear Algebra

This sophomore-level introduction to linear algebra uses a matrix-oriented approach, with an emphasis on problem solving and applications. The course focus is on matrix arithmetic, systems of linear equations, properties of Euclidean n-space, eigenvalues and eigenvectors, orthogonality and vector spaces. Students are expected to use technology for matrix operations. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$0 to 100

Prerequisite: MATH 242 or an equivalent course with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_246](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_246))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82033 050 F2F	M-W----	06:00-07:15 PM	08/18/14-12/12/14	CLB 211	TBA	30 of 30

## MATH 254 - Differential Equations

This course will cover standard types of equations that involve rates of change. In particular, this is an introductory course in equations that involve ordinary derivatives. Both qualitative and quantitative approaches will be used. Standard types and methods will be covered, including Laplace transforms, infinite series, and numerical methods. Basic linear algebra will be developed to solve systems of differential equations. 4 hrs. lecture/wk.

Credit Hours: 4

Associated Costs: \$0 to 100

Prerequisite: MATH 243 with a grade of "C" or higher or an equivalent course with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_254](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_254))



CRN	Days	Time	Date	Location	Instructor	Seats Open
82034 001 F2F	MTWR---	09:00-09:50 AM	08/18/14-12/12/14	CLB 205	Edmonds B	30 of 30

## MATH 285 - Statistics for Business

This is a beginning course in calculus-based statistical analysis with an emphasis on applications to business. The skill of making sense of raw data is important, and includes constructing graphical representations of data, developing models for making predictions, performing tests to determine significant change and finding intervals for population values. Students will learn the basics of descriptive statistics, probability, sampling, confidence intervals, hypothesis testing, linear regression, and an introduction to quality control. Students must have an understanding of calculus concepts in order to successfully complete this course. 4 hrs. lecture/wk. Students transferring MATH 285 to KU must have CIS 201 as a corequisite.

Credit Hours: 4

Associated Costs: \$0 to 100

Prerequisite: MATH 231 or MATH 241 or an equivalent course with a grade of "C" or higher Note: Students transferring MATH 285 to the University of Kansas must have CIS 201 as a corequisite.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH\\_285](http://catalog.jccc.edu/fall/coursedescriptions/math/#MATH_285))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82035 001 F2F	MTWR---	08:00-08:50 AM	08/18/14-12/12/14	CLB 209	Wilson S	24 of 24
82036 050 F2F	M-W----	06:00-07:50 PM	08/18/14-12/12/14	CLB 209	TBA	24 of 24

## Metal Fabrication and Welding

### MFAB 124 - Introduction to Welding

Introduction to Welding is a basic welding, tool, and equipment safety course. This course will expose students to the various welding processes and techniques. Tools, equipment and safety related to the metal fabrication area will be discussed and used by the student. This is a hands-on course. Students will be required to purchase and use personal protective equipment (PPE). 1hr lecture and 4hrs lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mfab/#MFAB\\_124](http://catalog.jccc.edu/fall/coursedescriptions/mfab/#MFAB_124))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80999 001 F2F	--W----	08:00-08:50 AM	08/20/14-12/12/14	ATB 129	Stoufer J	15 of 15
	--W----	09:00-12:50 PM	08/20/14-12/12/14	ATB 150		

81000 002 F2F ----F-- 12:00-12:50 PM 08/22/14-12/12/14 ATB 127 Stoufer J 15 of 15

----F-- 01:00-04:50 PM 08/22/14-12/12/14 ATB 150

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81002 003 F2F -----S- 08:00-08:50 AM 08/23/14-12/12/14 ATB 131 Young N 15 of 15

-----S- 09:00-12:50 PM 08/23/14-12/12/14 ATB 150

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## MFAB 128 - Basic Machine Tool Technology

This course provides instruction in the operation of metal cutting machinery, which includes practice in the safe operation of a lathe, vertical mill, and precision grinders. Layout equipment, measuring tools, gauges, hand tools, drilling machine, bench grinder, power saws, and heat treating equipment will also be presented. Machine tool safety, shop math and trigonometry will be emphasized throughout the course. 1 hr. lecture, 5 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$80

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mfab/#MFAB\\_128](http://catalog.jccc.edu/fall/coursedescriptions/mfab/#MFAB_128))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81003 001 F2F	-T-----	05:00-05:50 PM	08/19/14-12/12/14	ATB 128	Tanking J	15 of 15
	-T-----	06:00-09:50 PM	08/19/14-12/12/14	ATB 146		

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## MFAB 180 - Blueprint and Symbols Reading for Welders

Upon successful completion of this course, the student should be able to identify basic welding positions and explain, list, sketch, draw, use or describe current American Welding Society (AWS) welding symbols and weld joint configurations. The student will be introduced to several methods of producing welding blueprints, object representatives, and specific meanings of selected lines, surface features, sectional views and basic math formulas used in the welding industry. The student will be able to identify the symbols used for fillet welds and groove welds made with and without backing. Topics such as pipe welding representations, pipe welding connections, pipe welding classifications, welder certification, metallurgical effects of heat on metals and the importance of weld quality and welding safety will be studied. 2 hrs. lecture/wk.

Credit Hours: 2

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mfab/#MFAB\\_180](http://catalog.jccc.edu/fall/coursedescriptions/mfab/#MFAB_180))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81004 001 F2F	M-----	06:00-07:50 PM	08/18/14-12/12/14	ATB 127	Pommier G	28 of 28

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## MFAB 205 - Shielded Metal Arc Welding (SMAW) II

Upon successful completion of this course, the student should be able to weld fillet welds in the vertical-up (3F), and overhead (4F) weld positions, and groove joints in the vertical up, (3G) and overhead position (4G) weld positions with and/or without backing to industry standards. Students will be required to prepare materials using oxy-fuel cutting techniques. Students will perform a welding proficiency test equal to or exceeding the American Welding society (AWS) standard D1.1. Structural welding code. Students will be expected to provide basic hand tools and/or equipment. 1 hr. lecture, 4hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Prerequisite: MFAB 121 or MFAB 131

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mfab/#MFAB\\_205](http://catalog.jccc.edu/fall/coursedescriptions/mfab/#MFAB_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81155 001 F2F	MTWR---	12:00-12:50 PM	08/18/14-09/11/14	ATB 127	Tremain R	15 of 15
	MTWR---	01:00-04:50 PM	08/18/14-09/11/14	ATB 150		

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81157 002 F2F	M-----	05:00-05:50 PM	08/18/14-12/12/14	ATB 142	Westerbeck M	15 of 15
	M-----	06:00-09:50 PM	08/18/14-12/12/14	ATB 150		

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## MFAB 210 - Gas Metal Arc Welding (GMAW) II

Upon completion of this course the student should be able to perform more advanced welds in selected positions on a variety of metal thicknesses. Mild steel, stainless steel, and aluminum metals will be utilized. Emphasis will be on short circuit, spray arc and pulse arc modes of metal transfer using larger diameter wire electrode. Industry standard testing techniques will be used. 1 hr. lecture, 4hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Prerequisite: MFAB 130 or MFAB 133

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mfab/#MFAB\\_210](http://catalog.jccc.edu/fall/coursedescriptions/mfab/#MFAB_210))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81864 001 F2F	MTWR---	12:00-12:50 PM	09/22/14-10/16/14	ATB 127	Tremain R	15 of 15
	MTWR---	01:00-04:50 PM	09/22/14-10/16/14	ATB 150		

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	-T-----	05:00-05:50 PM	08/19/14-12/12/14	ATB 142	Davidson M	15 of 15
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-T----- 06:00-09:50 PM 08/19/14-12/12/14 ATB 150

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## MFAB 215 - Fabrication Practices I

Upon completion of this class, the student should be able to work from discipline specific drawings to manufacture and assemble a mock building section. This class is a capstone course and is intended to serve all MFAB graduate students who have completed the fundamental skills coursework within the metal fabrication certificate or degree programs. The Fabrication Practices I class is part one of an advanced comprehensive class intended to put to practical use the skills obtained throughout the existing Metal Fabrication and Welding Technology Career program. This class will put emphasis on structural steel fabrication, erection, and assembly. The coursework will focus on modern welding fabrication techniques and practices used in the manufacturing and installation of structural steel, piping systems, and miscellaneous welded mechanical items. Students will work in teams of three or four persons. 1 hr. lecture, 6 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Prerequisites: MFAB 121 or MFAB 131 and MFAB 130 or MFAB 133 and MFAB 136 or MFAB 160

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mfab/#MFAB\\_215](http://catalog.jccc.edu/fall/coursedescriptions/mfab/#MFAB_215))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81159 001 F2F	-T-----	06:00-06:50 PM	08/19/14-12/12/14	WLB 102	Wheatley E	15 of 15
	-T-R---	07:00-09:50 PM	08/19/14-12/12/14	WLB 132		

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## MFAB 220 - Flux Core Arc Welding (FCAW)

Upon completion of this course the student should be able to identify safety rules associated with the flux core arc welding (FCAW) process, identify FCAW equipment components, and perform welds in selected positions on a variety of metal thicknesses to industry standards. 1hr. lecture, 4hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Prerequisite: MFAB 130 or MFAB 133

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mfab/#MFAB\\_220](http://catalog.jccc.edu/fall/coursedescriptions/mfab/#MFAB_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81161 001 F2F	--W----	05:00-05:50 PM	08/20/14-12/12/14	ATB 142	Neal M	15 of 15
	--W----	06:00-09:50 PM	08/20/14-12/12/14	ATB 150		

## MFAB 240 - Metallurgy

Metallurgy is the study of the science and technology of metals. This course covers the extractive, mechanical and physical phases of metallurgy. Topics include the identification of metals, types and classification of metals, heat treatment procedures and common steel manufacturing processes. AWS terms and definitions will be emphasized throughout the course. 2 hrs. lecture-demonstration/wk.

Credit Hours: 2

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mfab/#MFAB\\_240](http://catalog.jccc.edu/fall/coursedescriptions/mfab/#MFAB_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81162 001 F2F	--W----	06:00-07:50 PM	08/20/14-12/12/14	ATB 125	Stoufer J	25 of 25

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## MFAB 241 - Gas Tungsten Arc Welding (GTAW) II

Upon successful completion of this course the student will be able to do more advanced GTAW welding projects. Weld in a variety of positions and on several thicknesses of material. Emphasis will be on safety, quality, measurements, and out of position welding. Students will weld on tubular material of a variety of sizes and thicknesses. Square and/or round tube will be fabricated to mate at several common angles using power tools and equipment. 1hr. lecture, 4hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Prerequisite: MFAB 136 or MFAB 160

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mfab/#MFAB\\_241](http://catalog.jccc.edu/fall/coursedescriptions/mfab/#MFAB_241))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81866 001 F2F	MTWR---	12:00-12:50 PM	10/27/14-11/20/14	ATB 127	Tremain R	15 of 15
	MTWR---	01:00-04:50 PM	10/27/14-11/20/14	ATB 150		

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81167 002 F2F	---R---	05:00-05:50 PM	08/21/14-12/12/14	ATB 142	Sprague B	15 of 15
	---R---	06:00-09:50 PM	08/21/14-12/12/14	ATB 150		

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## MFAB 255 - Advanced Machine Tool Technology

This course provides students further instruction and practice on machine tool operations. Advanced techniques using lathes, milling machine, drill presses and precision grinders and the use of specialized tooling, clamps, and jigs is covered. Machining techniques requiring special applications such as steady rest, and centering techniques will be addressed. Students will learn the various techniques of working with stock to produce parts from drawing, plans and sketches. Hardening, tempering and basic metallurgy will also be covered. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$85

Prerequisite: MFAB 128 or MFAB 170

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mfab/#MFAB\\_255](http://catalog.jccc.edu/fall/coursedescriptions/mfab/#MFAB_255))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81168 001 F2F	---R---	05:00-05:50 PM	08/21/14-12/12/14	ATB 131	Price B	15 of 15
	---R---	06:00-09:50 PM	08/21/14-12/12/14	ATB 146		

Kansas Senate Bill SB 155

## Med Info & Revenue Management

### MIRM 130 - Medical Style and Grammar

The study, synthesis and application of the rules of English language and medical style as reflected by AHDI's The Book of Style for Medical Transcription, or other medical style manuals such as the AMA Manual of Style. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mirm/#MIRM\\_130](http://catalog.jccc.edu/fall/coursedescriptions/mirm/#MIRM_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82041 001 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	RC 221	Spiegel J	15 of 15

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### MIRM 132 - Healthcare Documentation and Transcription II

This course is designed to refine healthcare documentation skills learned in Healthcare Documentation and Transcription I. Progressive skill building is achieved through extensive practical experience with transcription, editing and analysis of healthcare documentation. Students will also explore job opportunities and credentialing relevant to the profession. 3 hrs. lecture/wk. This course is taught in the fall semester.

Credit Hours: 3

Prerequisite: MIRM 131

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/mirm/#MIRM\\_132\)](http://catalog.jccc.edu/fall/coursedescriptions/mirm/#MIRM_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82042 001 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	RC 221	Langholz K	15 of 15

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## MIRM 138 - Healthcare Documentation & Transcription Practicum

A minimum of 100 transcription/editing hours in an externship or simulated professional practice setting using clinician-generated documents, including a balanced variety of specialties, report types and account specifics. 100 total contact hrs. This course is taught in the fall semester.

Credit Hours: 2

Prerequisite: Department Approval

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/mirm/#MIRM\\_138\)](http://catalog.jccc.edu/fall/coursedescriptions/mirm/#MIRM_138)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82043 500 INT	-T-----	05:00-06:50 PM	08/19/14-12/12/14	RC 221	O'Dell R	15 of 15

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## MIRM 140 - Fundamentals of Health Records

This course introduces students to foundational concepts in the management, storage, retrieval and use of health information in healthcare settings. Instruction focuses on the content and uses of health records, professional roles within the health information profession and accreditation and regulatory requirements in the management of health information. 2 hrs. lecture/wk.

Credit Hours: 2

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/mirm/#MIRM\\_140\)](http://catalog.jccc.edu/fall/coursedescriptions/mirm/#MIRM_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82044 350 ONLINE	-----	-	08/18/14-12/12/14	Online	O'Dell R	15 of 15

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## MIRM 141 - Computer Systems for Health Information Management Professionals

This course introduces students to various information systems and technologies used in non-clinical and clinical areas of healthcare. Students will also explore the emergence of electronic health records and health information exchange activities, as well as the health policy environment influencing the use of technology in healthcare. Simulation using health information systems, electronic health records, administrative information systems and

encoder software is embedded in this course to provide insight into health information management operations. The importance of data quality as a foundation to meaningful information within healthcare information systems is emphasized. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: HCIS 255

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mirm/#MIRM\\_141](http://catalog.jccc.edu/fall/coursedescriptions/mirm/#MIRM_141))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82045 001 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	RC 254	Wertz C	15 of 15

## MIRM 142 - Legal and Ethical Issues in Healthcare

This course introduces the U.S. legal system, laws and ethical issues and how they relate to healthcare. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mirm/#MIRM\\_142](http://catalog.jccc.edu/fall/coursedescriptions/mirm/#MIRM_142))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82046 001 F2F	--W----	02:00-04:50 PM	08/20/14-12/12/14	RC 221	O'Dell R	15 of 15
82047 002 F2F	----F--	02:00-04:50 PM	08/22/14-12/12/14	RC 221	O'Dell R	15 of 15

## MIRM 143 - Coding Classification Systems I

This course focuses on the International Classification of Diseases 9th revision clinical modification (ICD-9-CM), as well as the 10th revision clinical modification and procedural coding system (ICD-10-CM/PCS) used in medical coding. Students will learn the role of ICD-9-CM and ICD-10-CM/PCS in coding for inpatient healthcare encounters, as well as the use of ICD-9-CM and ICD-10-CM codes for diagnosis coding in ambulatory and physician service settings. Students will examine the evolution from ICD-9-CM to ICD-10-CM/PCS in the United States, as well as compare and contrast between the 9th and 10th revisions of ICD. Instruction focuses on the importance of ethical conduct for coding professionals. 3 hrs. lecture/wk. This course is taught in the fall semester.

Credit Hours: 3

Prerequisites: BIOL 144 and HC 130 and MIRM 140

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mirm/#MIRM\\_143](http://catalog.jccc.edu/fall/coursedescriptions/mirm/#MIRM_143))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82049 001 F2F	---R---	05:00-07:50 PM	08/21/14-12/12/14	RC 254	O'Dell R	15 of 15



## MIRM 145 - Reimbursement Methodologies

This course examines healthcare reimbursement and financing in the United States. Course content focuses on the role of third-party payers, regulatory and health policy influences and the role of coding and reimbursement professionals in the revenue cycle. Legal and ethical dilemmas related to the reimbursement process are also discussed. 3 hrs. lecture/wk.

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Credit Hours: 3

Prerequisite: MIRM 143

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mirm/#MIRM\\_145](http://catalog.jccc.edu/fall/coursedescriptions/mirm/#MIRM_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82050 001 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	RC 254	Davidson A	15 of 15

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## MIRM 146 - Coding Classification Systems III

This course focuses on intermediate-level content related to diagnosis and procedure coding. Students will build upon entry-level knowledge of diagnosis and procedure coding for hospitals, ambulatory healthcare settings and physician services. Students will apply this knowledge to more complex coding topics and exercises. Instruction focuses on the importance of ethical conduct for coding professionals. 3 hrs. lecture/instructional lab/wk. This course is taught in the fall semester.

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Credit Hours: 3

Prerequisite: MIRM 144

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mirm/#MIRM\\_146](http://catalog.jccc.edu/fall/coursedescriptions/mirm/#MIRM_146))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82051 001 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	RC 252	Davidson A	11 of 11

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Note: Priority enrollment for this course resides with students in the new Medical Coding Specialist Certificate. Other students interested in enrollment should contact the program chair, Rose O'Dell; enrollment will be granted based on available space in the class.

## MIRM 147 - Introduction to Pharmacology

This course introduces basic concepts of pharmacology and provides an overview of various types of medications. Students will also examine common medical conditions categorized by body system and identify commonly used pharmacologic treatments. An explanation of how assorted medications work within the body will be provided. After successful completion of this course, students will be able to comprehend health record documentation pertaining to medications and their uses in patient care. 2 hrs. lecture/wk.

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Credit Hours: 2

Prerequisites: BIOL 144 and HC 130

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mirm/#MIRM\\_147](http://catalog.jccc.edu/fall/coursedescriptions/mirm/#MIRM_147))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82052 001 F2F	M-----	06:00-07:50 PM	08/18/14-12/12/14	RC 221	D'Albini L	15 of 15

Kansas Senate Bill SB 155

## MIRM 148 - Medical Coding Internship

This internship provides students with real-world coding experience in a healthcare facility. Students will shadow professional coders, as well as practice coding for a 40-hour work week. This internship also introduces students to various departments and professionals whose job functions relate to the work of medical coders through tours and interviews in the healthcare facility, with approximately 8 hours spent in this capacity. Students will prepare a daily journal describing their internship experiences. This internship includes 48 hours of internship responsibilities. A background check will be conducted on each student for internship placement purposes. Some healthcare facilities may require TB skin tests and/or drug screens for interns. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee.

Note: Students must complete all other required certificate coursework with a 'C' or higher grade to enroll in this course.

Credit Hours: 1

Prerequisite or Corequisite: MIRM 146 and Department Approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mirm/#MIRM\\_148](http://catalog.jccc.edu/fall/coursedescriptions/mirm/#MIRM_148))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82053 500 INT	M-----	05:00-05:50 PM	08/18/14-08/18/14	RC 221	O'Dell R	15 of 15
	-----	-	08/18/14-12/12/14			

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

Note: Mandatory intern meeting, Monday, August 18 from 5:00-5:50pm in RC 353.

## Marketing Management

### MKT 121 - Retail Management

Upon successful completion of this course, the student should be able to describe and analyze retail store organization and operation including customer markets, store location and design, human resource management, merchandise planning and control, and retail promotion. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mkt#MKT\\_121](http://catalog.jccc.edu/fall/coursedescriptions/mkt#MKT_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81783 001 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	ITC 183	Clopton J	18 of 18
Kansas Senate Bill SB 155						
81784 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Hulen P	20 of 20
Kansas Senate Bill SB 155						

## MKT 134 - Professional Selling

Upon successful completion of this course, the student should be able to describe the process of successful selling. In addition, the student should be able to define the steps of selling and identify appropriate application. The student should also be able to apply selling principles through role-play. Students who have received credit for MKT 133 may not receive credit for MKT 134. 3 hrs. lecture/wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mkt#MKT\\_134](http://catalog.jccc.edu/fall/coursedescriptions/mkt#MKT_134))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81786 001 F2F	M-W----	02:00-03:15 PM	08/18/14-12/12/14	GEB 258	Parker B	24 of 24
Enroll in both Kansas Senate Bill SB 155 both Co-requisite to enroll in						
81788 002 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	RC 342	Duffey D	18 of 18
Kansas Senate Bill SB 155 Enroll in both Co-requisite to enroll in						
81789 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Hulen P	20 of 20
Co-requisite to enroll in Enroll in both Kansas Senate Bill SB 155 both						

## MKT 202 - Consumer Behavior

Upon successful completion of this course, the student should be able to analyze the elements and influences that affect consumer behavior. In addition, the student should be able to apply the basic principles of consumer behavior and insight to the application of consumer-research findings used in the professional practice of marketing. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mkt#MKT\\_202](http://catalog.jccc.edu/fall/coursedescriptions/mkt#MKT_202))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82758 001 F2F	-T-R---	08:00-09:15 AM	08/18/14-12/12/14	ITC 183	Clopton J	18 of 18
81790 350 ONLINE	-----	-	09/02/14-12/12/14	Online	Hollister A	20 of 20

## MKT 205 - eMarketing

The Internet has led to an increasingly connected environment, and the growth of Internet usage has resulted in the declining distribution of traditional media: television, radio, newspapers, and magazines. Marketing in this connected environment and using that connectivity to market is eMarketing. In this course, the student will understand and recognize the importance of an integrated eMarketing communications plan in order to coordinate all of the promotional mix and marketing communications elements for today's businesses. Topics of study include advertising, direct marketing, sales promotion, social media, web design, public relations and interactive media. The course integrates theory with planning, management and strategy plus hands-on experience. eMarketing explores how to use integrated web, email and database technologies in pre-built, personalized marketing campaigns to acquire and retain customers. Upon completion, the student will be able to develop an effective eMarketing communications program. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mkt#MKT\\_205](http://catalog.jccc.edu/fall/coursedescriptions/mkt#MKT_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81791 001 F2F	--W----	01:00-03:30 PM	09/10/14-12/12/14	GEB 379	Spilde B	20 of 20
81792 350 ONLINE	-----	-	09/02/14-12/12/14	Online	Webb E	20 of 20

Kansas Senate Bill SB 155

Kansas Senate Bill SB 155

## MKT 221 - Sales Management

Upon successful completion of this course, the student should be able to identify skills necessary to manage a sales force and develop a plan for recruitment selection, training, motivation and evaluation. In addition, the student should be able to describe and analyze techniques to forecast and plan sales and audit results. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: MKT 134

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mkt#MKT\\_221](http://catalog.jccc.edu/fall/coursedescriptions/mkt#MKT_221))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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Kansas Senate Bill SB 155

## MKT 230 - Marketing

Upon successful completion of this course, the student should be able to explain the concepts of production, consumption and distribution in relation to a free enterprise economy; list the basic channels of distribution available to the manufacturer of consumer and industrial products; explain and compare the distribution functions of the manufacturer, wholesaler and retailer; and state the procedures necessary to develop a total marketing plan for a given product, service or product line. In addition, the student should be able to discuss the fundamental principles of consumer behavior in the buying process and apply those principles to target market strategies. MKT 230 is the same course as BUS 230; do not enroll in MKT 230 if you've completed BUS 230. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mkt#MKT\\_230](http://catalog.jccc.edu/fall/coursedescriptions/mkt#MKT_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81794 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	GEB 379	Barrett S	22 of 22
Kansas Senate Bill SB 155						
81795 002 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	GEB 258	Hollister A	24 of 24
Kansas Senate Bill SB 155						
81796 003 F2F	-T-R---	12:30-01:45 PM	08/18/14-12/12/14	GEB 258	Hulen P	24 of 24
Kansas Senate Bill SB 155						
81797 004 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	GEB 258	McNeil Z	24 of 24
Kansas Senate Bill SB 155						
81799 350 ONLNE	-----	-	08/18/14-12/12/14	Online	Hulen P	20 of 20
Kansas Senate Bill SB 155						
81800 351 ONLNE	-----	-	08/18/14-12/12/14	Online	Hulen P	20 of 20
Kansas Senate Bill SB 155						
81801 352 ONLNE	-----	-	09/02/14-12/12/14	Online	Hulen P	20 of 20
Kansas Senate Bill SB 155						
81798 353 ONLNE	-----	-	09/02/14-12/12/14	Online	Lundeen S	20 of 20
Kansas Senate Bill SB 155						

## MKT 230H - HON: Marketing

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the

courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mkt#MKT\\_230H](http://catalog.jccc.edu/fall/coursedescriptions/mkt#MKT_230H))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81522 01HF2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Kansas Senate Bill SB 155

Requirement: Department approval

## MKT 234 - Services Marketing

Upon successful completion of this course, the student should be able to describe the functioning of a services economy. In addition, students should be able to describe and define the nature and characteristics of services and the way services are required to be marketed because of their intangible core. Additionally, students should be able to describe service quality, the foundation of services marketing and the success factors in services marketing. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite or corequisite: MKT 230

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mkt#MKT\\_234](http://catalog.jccc.edu/fall/coursedescriptions/mkt#MKT_234))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81802 350 ONLINE	-----	-	09/22/14-12/08/14	Online	Nikravan S	20 of 20

Kansas Senate Bill SB 155

## MKT 240 - Advertising and Promotion

In this course, the student will understand and recognize the importance of an integrated marketing communications planning model in order to coordinate all of the promotional mix elements for today's businesses. Topics of study include advertising, direct marketing, sales promotion, public relations and interactive media. The course integrates theory with planning, management and strategy. Upon completion, the student will be able to develop an effective marketing communications program. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mkt#MKT\\_240](http://catalog.jccc.edu/fall/coursedescriptions/mkt#MKT_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82757 001 F2F	M-W----	01:00-02:15 PM	08/18/14-12/12/14	GEB 256	Smith B	30 of 30

## MKT 284 - Marketing and Management Internship I

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. This course offers work experience under instructional supervision in an approved training situation designed to provide practical experience in marketing and management. A minimum of 15 hrs./wk. on-the-job training is required.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mkt/#MKT\\_284](http://catalog.jccc.edu/fall/coursedescriptions/mkt/#MKT_284))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83023 500 INT	-----	-	08/18/14-12/12/14		TBA	10 of 10

## MKT 286 - Marketing and Management Internship II

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. This course offers work experience under instructional supervision in an approved training situation designed to provide practical experience in marketing and management. A minimum of 15 hrs./wk. on-the-job training is required.

Credit Hours: 1

Prerequisite: MKT 284

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mkt/#MKT\\_286](http://catalog.jccc.edu/fall/coursedescriptions/mkt/#MKT_286))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83024 500 INT	-----	-	08/18/14-12/12/14		TBA	10 of 10

## MKT 290 - Capstone: Marketing and Management Case Studies

Upon successful completion of this course, the student should be able to identify problems, develop and describe the situational analysis, formulate alternative solutions, and reach and explain a decision for each issue. In addition, the student should be able to apply the knowledge of marketing and management concepts and techniques in the analysis of cases and actual business situations. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: BUS 141 and MKT 230 and MKT 284 and MKT 286 or department approval

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/mkt/#MKT\\_290\)](http://catalog.jccc.edu/fall/coursedescriptions/mkt/#MKT_290)

CRN	Days	Time	Date	Location	Instructor	Seats Open
83025 960 IND	-----	-	08/18/14-12/12/14		TBA	5 of 5

Kansas Senate Bill SB 155

## Music

### MUS 121 - Introduction to Music Listening

This course is designed to enhance student music listening. Students will learn to identify changes in the elements of music through the different stylistic periods of classical music. Factual and historical information will be presented to broaden the student's cultural and music appreciation. Students will hear recorded examples of music from the Medieval, Renaissance, Baroque, Classical, Romantic and 20th-century eras, as well as popular American forms and music from non-Western cultures. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_121\)](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_121)

[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80887 001 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	OCB 144	Wilcken G	26 of 26
80888 002 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	OCB 144	Wilcken G	26 of 26
80889 003 F2F	-T-R---	04:00-05:15 PM	08/19/14-12/12/14	OCB 144	Kennedy N	26 of 26
80890 004 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	OCB 144	Kennedy N	26 of 26
80891 005 F2F	M-W-F--	02:00-02:50 PM	08/18/14-12/12/14	OCB 144	Stinson R	26 of 26
80892 350 ONLNE	-----	-	08/18/14-12/12/14	Online	Brown D	25 of 25
80893 351 ONLNE	-----	-	08/18/14-12/12/14	Online	Brown D	25 of 25

### MUS 123 - Introduction to Music Fundamentals

This course is designed to present the fundamentals of music theory to students who have no previous background or training in that subject. Students will receive detailed instruction in naming notes; scales and chords; building intervals; and correlating these skills to the keyboard. 2 hrs. lecture/wk.

Credit Hours: 2

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_123\)](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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80894 001 F2F --W-F-- 11:00-11:50 AM 08/20/14-12/12/14 OCB 144 Shiflett K 26 of 26

Note: This section of Introduction to Music Fundamentals is intended for those students planning on pursuing a degree/certification with a music emphasis, or any other program that requires continuation in Music Theory I. The course material is tailored towards those students who will be taking Music Theory courses as part of their degree/certification program. Those students who are planning to major in elementary education should register for Mus 123 Sec 002 or Mus 123 Sec 003. That section will cover those topics necessary for future elementary (k-6) classroom teachers.

80895 002 F2F -T-R--- 09:30-10:20 AM 08/19/14-12/12/14 OCB 182 Shiflett K 20 of 20

Note: This section of Introduction to Music Fundamentals is intended for those students who are planning to major in elementary education. The course material is tailored towards future elementary (k-6) classroom teachers. Those students planning on pursuing a degree/certification with a music emphasis, or any other program that requires continuation in Music Theory I, should take MUS 123 Sec 001.

80896 003 F2F -T-R--- 11:00-11:50 AM 08/19/14-12/12/14 OCB 192 Teal T 24 of 24

Note: This section of Introduction to Music Fundamentals is intended for those students who are planning to major in elementary education. The course material is tailored towards future elementary (k-6) classroom teachers. Those students planning on pursuing a degree/certification with a music emphasis, or any other program that requires continuation in Music Theory I, should take MUS 123 Sec 001.

## MUS 125 - Introduction to Jazz Listening

This is an entry-level course for the student with little or no prior knowledge of the American art form of jazz music. Through reading and listening, the student will learn the basic structure of the elements of music and how these are organized to create jazz. Topics to be covered will include rhythm, harmony, and form; Dixieland style; swing style; bop; and contemporary jazz. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_125\)](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80897 001 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	CC 352	Ashlock C	35 of 35
80898 002 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	OCB 144	Ashlock C	26 of 26

## MUS 126 - Introduction to World Music

This course provides students with an introduction to the musical heritage of the world. Through an interdisciplinary approach targeting the arts, humanities and social sciences, the course fosters skills necessary to gain a deeper appreciation of both familiar and unfamiliar musical traditions. The course will survey a representative cross section of the major musical traditions of the world, which may include Native American, Black American, sub-Saharan African, Eastern European/Bosnian, Indian, Indonesian, Japanese and Latin American/Brazilian traditions. Note: The course does not require the ability to read music. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_126\)](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	OCB 144	Auwarter D	26 of 26

## MUS 128 - History of Rock and Roll Music

Through the study of the history of Rock and Roll music, students will discover how the various styles and structures of Rock have evolved, and how these styles reflected the social and cultural events in each stylistic era. By studying this history the students will also learn about the major Rock artists and what their contributions were to the development of the art form and the social climate in which the artist lived. The course will also address the role of technology on the development of the music and the music business. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_128](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_128))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80901 001 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	LIB 353B	Fitzer H	26 of 26
80902 002 F2F	M-W----	04:00-05:50 PM	08/18/14-12/12/14	GEB 342	Fitzer H	30 of 30

## MUS 131 - Sight-Singing and Ear Training I

This course is an introduction to sight singing and ear training. Basic methods of reading music are presented and practiced. Students are also trained to recognize aurally and notate the basic elements of music: intervals, diatonic melodies, simple rhythms, chord qualities, and basic harmonic progressions. The content is designed to complement the Harmony I course, though it is not necessary they be taken in the same semester. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: MUS 123 with a grade of 'C' or higher or department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_131](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80903 001 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	OCB 192	Teal T	30 of 30

Requirement: Department approval

## MUS 141 - Music Theory: Harmony I

This course is a basic study of the harmonic system sited in Western music composed from 1650 to 1900 and still in use in areas of music composition. Students will learn the basic skills involved in writing and analyzing music of this nature as well as play simple chord progressions on the piano. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: MUS 123 with a grade of 'C' or higher or department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_141](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_141))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80904 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	OCB 192	Teal T	20 of 20

Requirement: Department approval

80905 002 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	OCB 192	Teal T	20 of 20
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Requirement: Department approval

## MUS 151 - Mixed Vocal Ensemble I

Choral ensembles are open to participation by the student body. Choral experience or skill is desired in some ensembles but not in others. The ensemble will learn a varied body of choral materials from the choral traditions of both past and present, performing at student and community activities. The literature will be specific to the nature of the group and the skills of the students involved. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisite: Audition required

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_151](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_151))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80907 201 F2F	M-W-F--	02:00-02:50 PM	09/03/14-12/12/14	OCB 192	Teal T	13 of 13

Requirement: audition required

## MUS 152 - Mixed Vocal Ensemble II

Choral ensembles are open to participation by the student body. Choral experience or skill is desired in some ensembles but not in others. The ensemble will learn a varied body of choral materials from the choral traditions of both past and present, performing at student and community activities. The literature will be specific to the nature of the group and the skills of the students involved. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisites: MUS 151 and audition required

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_152](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_152))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80909 201 F2F	M-W-F--	02:00-02:50 PM	09/03/14-12/12/14	OCB 192	Teal T	13 of 13

Requirement: audition required

## MUS 153 - Mixed Vocal Ensemble III

Choral ensembles are open to participation by the student body. Choral experience or skill is desired in some ensembles but not in others. The ensemble will learn a varied body of choral materials from the choral traditions of both past and present, performing at student and community activities. The literature will be specific to the nature of the group and the skills of the students involved. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisites: MUS 152 and audition required

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_153](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_153))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80908 201 F2F	M-W-F--	02:00-02:50 PM	09/03/14-12/12/14	OCB 192	Teal T	13 of 13

Requirement: audition required

## MUS 154 - Mixed Vocal Ensemble IV

Choral ensembles are open to participation by the student body. Choral experience or skill is desired in some ensembles but not in others. The ensemble will learn a varied body of choral materials from the choral traditions of both past and present, performing at student and community activities. The literature will be specific to the nature of the group and the skills of the students involved. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisites: MUS 153 and audition required

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_154](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_154))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80910 201 F2F	M-W-F--	02:00-02:50 PM	09/03/14-12/12/14	OCB 192	Teal T	13 of 13

Requirement: audition required

## MUS 155 - Introduction to the Recording Studio

This course is design to provide a basic overview of the contemporary digital recording studio. Students will learn though demonstration and practice how to use current hardware and software used to produce music. 2 hrs. lecture/wk.

Credit Hours: 2

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_155](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_155))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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80911	001 F2F	M-----	09:00-10:50 AM	08/18/14-12/12/14	OCB 364	Ransom T	12 of 12
80912	002 F2F	M-----	11:00-12:50 PM	08/18/14-12/12/14	OCB 364	Ransom T	12 of 12
80913	003 F2F	M-W----	01:00-01:50 PM	08/18/14-12/12/14	OCB 364	Ransom T	12 of 12

## MUS 156 - MIDI Music Composition

MIDI Music Composition I is designed to create a technical and conceptual foundation for further studies in electronic music. Students will learn and demonstrate basic compositional techniques, including form, melody, rhythm and harmony. Also, the student will demonstrate the ability to use computers and software to create and perform music. Emphasis will be on developing skills appropriate to the beginning student for the purpose of creative and technical expression. 2 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_156](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_156))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
80914	001 F2F	--W-F--	09:00-10:50 AM	08/20/14-12/12/14	OCB 364	Moreland M	12 of 12
80915	002 F2F	--W-F--	11:00-12:50 PM	08/20/14-12/12/14	OCB 364	Moreland M	12 of 12
80916	003 F2F	-T-R---	01:00-02:50 PM	08/19/14-12/12/14	OCB 364	Olvera V	12 of 12
80917	004 F2F	-T-R---	03:00-04:50 PM	08/19/14-12/12/14	OCB 364	Olvera V	12 of 12
80918	005 F2F	-----S-	09:00-12:50 PM	08/23/14-12/12/14	OCB 364	Olvera V	12 of 12
80919	006 F2F	M-W----	06:00-07:50 PM	08/18/14-12/12/14	OCB 364	Padavic B	12 of 12
80920	007 F2F	M-W----	08:00-09:50 PM	08/18/14-12/12/14	OCB 364	Padavic B	12 of 12

## MUS 157 - Introduction to Digital Audio

Introduction to Digital Audio is designed to further develop skills acquired in MIDI Music Composition I. Students will practice using ProTools digital audio software, combined with a digital audio interface to record, edit and play back music. Students will be introduced to basic concepts of sound, and common audio effects, including reverb, delay and compression. Students will also further develop their compositional skills through demonstration and practice, and create audio recordings of their music. 2 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 3

Prerequisite: MUS 155 or MUS 156

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_157](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_157))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
80921	001 F2F	-T-R---	09:00-10:50 AM	08/19/14-12/12/14	OCB 364	Moreland M	12 of 12

Requirement: Department approval

80922 002 F2F -T-R--- 11:00-12:50 PM 08/19/14-12/12/14 OCB 364 Moreland M 12 of 12

Kansas Senate Bill SB 155

Requirement: Department approval

## MUS 158 - Recording Studio I

This course is designed to develop both the creative abilities and technical skills needed to produce music using modern digital recording techniques and equipment. Students will acquire an increased proficiency with the operation of ProTools, the industry standard digital audio software, and the corresponding digital audio hardware. Students will demonstrate knowledge of microphone types and techniques by conducting simple recording sessions, from set-up to final mix. 3 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 4

Prerequisite: MUS 157

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_158](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_158))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80923 001 F2F	M-W----	02:00-04:20 PM	08/18/14-12/12/14	OCB 364	Ransom T	12 of 12

Kansas Senate Bill SB 155

Requirement: Department approval

## MUS 161 - Chamber Choir I

This auditioned choral ensemble is open to participation by the student body. Prior choral experience or a reasonable level of music reading and vocal technique is necessary. The choir will learn a varied body of choral materials from the choral traditions of both past and present, performing at student and community activities. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisite: Audition required

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_161](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_161))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80959 201 F2F	M-W-F--	11:00-11:50 AM	09/01/14-12/12/14	OCB 192	Teal T	35 of 35

Requirement: audition required

## MUS 162 - Chamber Choir II

This auditioned choral ensemble is open to participation by the student body. Prior choral experience or a reasonable level of music reading and vocal technique is necessary. The choir will learn a varied body of choral materials from the choral traditions of both past and present, performing at student and community activities. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisites: MUS 161 and audition

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_162](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_162))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80960 201 F2F	M-W-F--	11:00-11:50 AM	09/01/14-12/12/14	OCB 192	Teal T	35 of 35

Requirement: audition required

### MUS 163 - Chamber Choir III

This auditioned choral ensemble is open to participation by the student body. Prior choral experience or a reasonable level of music reading and vocal technique is necessary. The choir will learn a varied body of choral materials from the choral traditions of both past and present, performing at student and community activities. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisites: MUS 162 and audition

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_163](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_163))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80961 201 F2F	M-W-F--	11:00-11:50 AM	09/01/14-12/12/14	OCB 192	Teal T	35 of 35

Requirement: audition required

### MUS 164 - Chamber Choir IV

This auditioned choral ensemble is open to participation by the student body. Prior choral experience or a reasonable level of music reading and vocal technique is necessary. The choir will learn a varied body of choral materials from the choral traditions of both past and present, performing at student and community activities. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisites: MUS 163 and audition

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_164](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_164))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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Requirement: audition required

## MUS 165 - Music Composition I

This entry-level course provides instruction in the craft of musical composition. Traditional compositional techniques and concepts will be studied through demonstration and practice. Students will learn correct notational procedures and compose melodies and short pieces for one or two live performers. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisite: MUS 141 or department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_165](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_165))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80963 001 F2F	----F--	01:00-01:50 PM	08/22/14-12/12/14	OCB 182	Wilcken G	12 of 12

Requirement: Department approval

## MUS 166 - Music Composition II

This is an intermediate-level course for students seeking instruction in the craft of musical composition. Traditional compositional techniques and concepts will be studied through demonstration and practice. Students will learn to use a computer to notate their compositions, will begin to work with tonal harmony, will write music for a trio and/or quartet, and will have a piece performed during a music department recital. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisite: MUS 165

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_166](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_166))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80964 001 F2F	----F--	01:00-01:50 PM	08/22/14-12/12/14	OCB 182	Wilcken G	12 of 12

Requirement: Department approval

## MUS 167 - Music Composition III

This class is an intermediate-level course for the student seeking instruction in the craft of musical composition. Traditional compositional techniques and concepts will be studied through demonstration and practice. Students will enhance their ability to use a computer to notate their compositions, will begin to work with nonfunctional tonal harmony, will write music for SATB choir or for vocal soloist, and will have a piece performed during a music department recital. 1 hr. lecture/wk.

Credit Hours: 1



Prerequisite: MUS 166

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_167](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_167))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80965 001 F2F	----F--	01:00-01:50 PM	08/22/14-12/12/14	OCB 182	Wilcken G	12 of 12

Requirement: Department approval

## MUS 169 - Voice Class I

This is an entry level course for voice study in a group setting. No previous voice study or music instruction is required. Students will be introduced to the basic elements of proper vocal production, as well as techniques for practice, performance, and maintaining vocal health. Vocal technique is approached from a classical perspective, however, the class includes discussion on appropriate usage of the voice in different styles. 2 hrs. lecture/wk.

Credit Hours: 2

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_169](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_169))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80966 001 F2F	-T-R---	12:00-12:50 PM	08/19/14-12/12/14	OCB 192	Shiflett K	20 of 20

## MUS 170 - Voice Class II

This course is a continuation of Voice Class I, voice study in a group setting. Students will focus on the reinforcement of basic elements of proper vocal production, as well as techniques for practice, performance, and maintaining vocal health. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: MUS 169

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_170](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_170))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80968 001 F2F	-T-R---	12:00-12:50 PM	08/19/14-12/12/14	OCB 192	Shiflett K	20 of 20

## MUS 175 - Songwriting

Songwriting is intended for students that seek instruction in the craft of writing popular songs. Students will learn through demonstration, practice and group critiques, the basic skills of songwriting. These skills include the study of form, lyrics, melodic lines and harmony, and the preparation of charts. Students must be able to play an instrument and/or sing well enough to demonstrate their work. 1 hr. lecture, 1.5 hr. instructional lab/wk.

Credit Hours: 2

Prerequisite: Department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_175](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_175))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80969 201 F2F	----F--	01:00-03:20 PM	09/05/14-12/12/14	OCB 364	Padavic B	12 of 12

Requirement: Department approval

## MUS 176 - Jazz Band I

This is an entry-level course in the jazz band performing format for the student with little or no experience in this course of study. The student will learn, through rehearsal and performance, the basic elements of music and how these are utilized in the jazz band. Topics will include simple rhythms, basic melodic construction and major scale construction. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisite: Audition required

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_176](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_176))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80970 201 F2F	M-W-F--	11:00-11:50 AM	09/01/14-12/12/14	OCB 182	Stinson R	25 of 25

Requirement: audition required

## MUS 177 - Jazz Band II

This is a beginning-level course for the student with at least one semester of prior jazz band experience. Through rehearsal and performance, the student will learn beginning elements of music as applied to the jazz band performing format. Topics covered will include syncopated rhythm, Dorian minor scales and blues form. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisite: MUS 176 or audition required

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_177](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_177))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80971 201 F2F	M-W-F--	11:00-11:50 AM	09/01/14-12/12/14	OCB 182	Stinson R	25 of 25

Requirement: audition required

## MUS 178 - Jazz Band III

This is an intermediate-level course for the student with at least two semesters of prior jazz band experience. Through rehearsal and performance, the intermediate levels of jazz band performance will be learned. Topics covered will include Latin style, Mixolydian scales and the 32-bar song form. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisites: MUS 177 and audition required

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_178](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_178))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80972 201 F2F	M-W-F--	11:00-11:50 AM	09/01/14-12/12/14	OCB 182	Stinson R	25 of 25

Requirement: audition required

## MUS 179 - Jazz Band IV

This is an advanced-level course for the student with at least three semesters of prior jazz band experience. Advanced elements of jazz music will be learned through rehearsal and performance. Topics covered will include Lydian scales and ensemble performance techniques. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisites: MUS 178 and audition required

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_179](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_179))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80973 201 F2F	M-W-F--	11:00-11:50 AM	09/01/14-12/12/14	OCB 182	Stinson R	25 of 25

Requirement: audition required

## MUS 185 - Live Sound Production I

This course is designed to teach the basic elements of sound, and the equipment and set-ups required to operate sound at live venues, like churches, live theaters or live musical venues. Students will learn techniques through demonstration, lecture and "hands-on" exercises in a professional facility. 4 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_185](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_185))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83027 001 F2F	M-----	06:00-09:50 PM	08/18/14-12/12/14	CC	TBA	10 of 10

Requirement: Department approval

## MUS 187 - Jazz Improvisation I

This is an entry-level course for the student with little or no jazz improvisation experience. Through written work and performance on the instrument of choice, the student will learn the basic elements of jazz improvisation. Topics to be covered will include identification and performance of basic intervals, major scales, Dorian modes, Mixolydian modes, major seventh chords, minor seventh chords, dominant seventh chords and the basic blues form. 2 hrs. integrated lecture/lab/wk.

Credit Hours: 2

Prerequisite: Audition

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_187](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_187))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80974 001 F2F	M-W----	01:00-01:50 PM	08/18/14-12/12/14	OCB 182	Isaac J	12 of 12

Requirement: audition required

## MUS 188 - Jazz Improvisation II

This is an advanced-level course for the student with at least one semester of jazz improvisation. Through performance on the chosen instrument and written studies, the student will learn advanced concepts of jazz improvisation. Topics to be covered include jazz performance style, construction of the improvised solo and 32-bar song form. 2 hrs. integrated lecture/lab/wk.

Credit Hours: 2

Prerequisites: MUS 187 and audition required

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_188](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_188))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80976 001 F2F	M-W----	01:00-01:50 PM	08/18/14-12/12/14	OCB 182	Isaac J	12 of 12

Requirement: audition required

## MUS 191 - Concert Band I

This is an entry-level course in the concert band format for the student with little or no concert band experience. Students will learn the basic elements of music as related to the concert band through rehearsal and performance. Topics include counting and subdividing motifs into melodies; and differentiating between major and minor tonalities. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisite: Audition required

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_191](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_191))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81055 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	OCB 182	Stinson R	40 of 40

Requirement: audition required

## MUS 192 - Concert Band II

This is a beginning-level course in the concert band format for the student with at least one semester of prior concert band experience. Students will learn the beginning-level elements of music as related to the concert band through rehearsal and performance. Topics to be covered include odd meters, minor scales and homophonic texture. 3 hrs. integrated lecture/lab/wk..

Credit Hours: 1

Prerequisites: MUS 191 and audition required

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_192](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_192))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81057 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	OCB 182	Stinson R	40 of 40

Requirement: audition required

## MUS 193 - Concert Band III

This is an intermediate course for the student with at least two semesters of prior concert band experience. Through rehearsal and performance, the student will learn intermediate levels of the elements of music in the concert band format. Topics will include parade march style, concert march style and concert overture style. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisite: MUS 192 or audition required

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_193](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_193))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81058 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	OCB 182	Stinson R	40 of 40

Requirement: audition required

## MUS 194 - Concert Band IV

This is an advanced course for the student with at least three semesters of prior concert band performing experience. Through rehearsal and performance, the student will learn the advanced concepts of concert band performance. Topics will include polyphonic texture, concert suite style and medley style. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisite: MUS 193 or audition required

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_194](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_194))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81060 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	OCB 182	Stinson R	40 of 40

Requirement: audition required

## MUS 195 - Vocal Jazz Ensemble I

This is an entry-level course in the vocal jazz performing format. Through rehearsal and public performance, the student will learn the basic elements of music as applied to vocal jazz. Topics will include 8th note swing, jazz syncopation and 32-bar song form. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisite: Audition required

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_195](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_195))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81062 201 F2F	M-W-F--	12:00-12:50 PM	09/01/14-12/12/14	OCB 182	Stinson R	12 of 12

Requirement: audition required

## MUS 196 - Vocal Jazz Ensemble II

This is a beginning-level course in the vocal jazz performing format. Through rehearsal and public performance, the student will learn the basic elements of music as applied to vocal jazz. Topics will include Dorian minor scales, Mixolydian scales and 12-bar blues form. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisites: MUS 195 and audition required

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_196](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_196))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81064 201 F2F	M-W-F--	12:00-12:50 PM	09/01/14-12/12/14	OCB 182	Stinson R	12 of 12

Requirement: audition required

## MUS 197 - Vocal Jazz Ensemble III

This is an intermediate-level course in the vocal jazz performing format. Through rehearsal and public performance, the student will learn the basic elements of music as applied to vocal jazz. Topics will include beginning improvisation, Latin rhythm and major scales. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisites: MUS 196 and audition required

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_197](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_197))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81065 201 F2F	M-W-F--	12:00-12:50 PM	09/01/14-12/12/14	OCB 182	Stinson R	12 of 12

Requirement: audition required

## MUS 198 - Vocal Jazz Ensemble IV

This is an advanced-level course in the vocal jazz performing format. Through rehearsal and public performance, the student will learn the basic elements of music as applied to vocal jazz. Topics will include scat, improvisation in 32-bar song form, Lydian scales and ballad style. 3 hrs. integrated lecture/lab/wk..

Credit Hours: 1

Prerequisites: MUS 197 and audition required

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_198](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_198))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81066 201 F2F	M-W-F--	12:00-12:50 PM	09/01/14-12/12/14	OCB 182	Stinson R	12 of 12

Requirement: audition required

## MUS 221 - Piano Class I

This course provides a basic knowledge of music and the essential techniques required to play the piano. Students will learn essential musical terminology, including musical notation and symbols, major and minor key signatures, and the harmonization of melodies using tonic and dominant triads. Specific piano-related terminology will include finger exercises, basic keyboard repertoire using major and minor five-finger patterns, major and minor scales, major and minor triads in root position, ensemble playing of two to four parts, and the formation of good practice habits. Group Piano II should follow the successful completion of this course. Private piano lessons are encouraged for students who successfully complete both courses. 2 hrs./wk.

Credit Hours: 2

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_221](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_221))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81109 001 F2F	-T-R---	09:00-09:50 AM	08/19/14-12/12/14	OCB 362	Pretzel M	8 of 8
81111 002 F2F	-T-R---	06:00-06:50 PM	08/19/14-12/12/14	OCB 362	Dolnik N	8 of 8
81114 003 F2F	--W-F--	09:00-09:50 AM	08/20/14-12/12/14	OCB 362	Pretzel M	8 of 8
81117 004 F2F	-T-R---	10:00-10:50 AM	08/19/14-12/12/14	OCB 362	Pretzel M	8 of 8
81119 005 F2F	--W-F--	10:00-10:50 AM	08/20/14-12/12/14	OCB 362	Pretzel M	8 of 8

## MUS 222 - Piano Class II

This is a beginning-level course that provides a basic knowledge of keyboard instruments. Students will learn and review musical terminology, musical notation and symbols, and specific piano-related terminology. Topics covered will include major and minor key signatures; exercises and repertoire using major and minor scales; exercises and repertoire using major, minor, diminished and augmented triads in root position and inversions; chord progressions; ensemble playing of two to four parts; and use of the damper pedal. This course is the continuation of MUS 221. Completion of this course should precede Applied Piano I. This course is for beginners able to progress at a fast pace, students with minimal previous experience or students who have completed MUS 221. 2 hrs./wk.

Credit Hours: 2

Prerequisites: MUS 221 and department approval required

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_222](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_222))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81122 001 F2F	--W-F--	11:00-11:50 AM	08/20/14-12/12/14	OCB 362	Pretzel M	8 of 8

Requirement: Department approval

## MUS 226 - Applied Guitar I (Class)

Students will be provided with a foundation in guitar technique upon which to base further study of the instrument. The course consists of an introduction to the use of the guitar as a solo, accompaniment and ensemble instrument. 1 hr./wk.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_226](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_226))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81169 001 F2F	M-----	12:00-12:50 PM	08/18/14-12/12/14	OCB 192	Fitzer H	15 of 15

Requirement: Department approval

81170 002 F2F	--W----	06:00-06:50 PM	08/20/14-12/12/14	OCB 192	Fitzer H	15 of 15
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Requirement: Department approval



## MUS 227 - Applied Guitar II (Class)

This continuation of MUS 226 builds a foundation in guitar technique upon which to base further study of the instrument. The course continues to teach techniques that enable students to use the guitar as a solo, accompaniment and ensemble instrument. 1 hr./wk.

Credit Hours: 1

Prerequisite: MUS 226 or department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_227](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_227))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81171 201 F2F	--W----	07:00-07:55 PM	09/03/14-12/12/14	OCB 192	Fitzer H	12 of 12

Requirement: Department approval

## MUS 231 - Applied Voice I (Private)

This course is designed to introduce the student to beginning vocal technique, vocal vocabulary, performance experience and solo vocal repertoire.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_231](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81172 601 PVL	-----	-	08/18/14-12/12/14	OCB 184	Kennedy N	12 of 12

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

81173 602 PVL	-----	-	08/18/14-12/12/14	OCB 184	Shiflett K	10 of 10
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Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

81174 603 PVL	-----	-	08/18/14-12/12/14	OCB 184	Teal T	10 of 10
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Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

81175 604 PVL	-----	-	08/18/14-12/12/14	OCB 184	Murray A	10 of 10
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Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 232 - Applied Voice II (Private)

This course uses private lessons to continue instruction in beginning vocal technique, vocal vocabulary, performance experience and solo vocal repertoire. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Prerequisite: MUS 231

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_232](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_232))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81176 601 PVL	-----	-	08/18/14-12/12/14	OCB 184	Kennedy N	12 of 12

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

81177 602 PVL	-----	-	08/18/14-12/12/14	OCB 184	Shiflett K	10 of 10
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Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

81178 603 PVL	-----	-	08/18/14-12/12/14	OCB 184	Teal T	10 of 10
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Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

81179 604 PVL	-----	-	08/18/14-12/12/14	OCB 184	Murray A	12 of 12
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Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 233 - Applied Voice III (Private)

This course uses private lessons to continue instruction in beginning intermediate vocal technique, vocal vocabulary, performance experience and solo vocal repertoire.

Credit Hours: 1

Prerequisite: MUS 232

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_233](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_233))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81180 601 PVL	-----	-	08/18/14-12/12/14	OCB 184	Kennedy N	12 of 12

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

81181 602 PVL	-----	-	08/18/14-12/12/14	OCB 184	Shiflett K	10 of 10
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Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

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81182 603 PVL	-----	-	08/18/14-12/12/14	OCB 184	Teal T	12 of 12
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Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

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81183 604 PVL	-----	-	08/18/14-12/12/14	OCB 184	Murray A	12 of 12
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Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 234 - Applied Voice IV (Private)

This course uses private lessons to continue instruction in intermediate vocal technique, vocal vocabulary, performance experience and solo vocal repertoire.

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Credit Hours: 1

Prerequisite: MUS 233

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_234](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_234))

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CRN	Days	Time	Date	Location	Instructor	Seats Open
81184 601 PVL	-----	-	08/18/14-12/12/14	OCB 184	Kennedy N	12 of 12

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Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

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81185 602 PVL	-----	-	08/18/14-12/12/14	OCB 184	Shiflett K	12 of 12
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Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

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81186 603 PVL	-----	-	08/18/14-12/12/14	OCB 184	Teal T	12 of 12
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Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

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81187 604 PVL	-----	-	08/18/14-12/12/14	OCB 184	Murray A	12 of 12
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Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 236 - Applied Piano I (Private)

This is an entry-level course for the student with little or no prior piano training. This course provides a basic knowledge of keyboard instruments. Students will learn essential musical terminology, musical notation and symbols, and specific piano-related terminology. Topics covered will include major and minor key signatures; exercises and repertoire using major and minor five-finger patterns; and exercises and repertoire using major and minor scales.

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Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_236](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_236))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81188 601 PVL	-----	-	08/18/14-12/12/14	OCB 186	Pretzel M	10 of 10

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

81189 602 PVL	-----	-	08/18/14-12/12/14	OCB 186	Dolnik N	10 of 10
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Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 237 - Applied Piano II (Private)

This is a beginning-level course for the student with at least one semester of prior applied piano study. Students will learn the intermediate-level concepts of piano performance. Topics to be covered will include major scales and the natural and harmonic forms of the minor scales, rhythmic patterns and subdivisions of duple and triple meter and the basic keyboard literature of the intermediate level.

Credit Hours: 1

Prerequisite: MUS 236

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_237](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_237))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81191 601 PVL	-----	-	08/18/14-12/12/14	OCB 186	Pretzel M	10 of 10

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

81192 602 PVL	-----	-	08/18/14-12/12/14	OCB 186	Dolnik N	10 of 10
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Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 238 - Applied Piano III (Private)

This is an intermediate-level course for the student with at least two semesters of prior applied piano study. Students will learn the intermediate-level concepts of piano performance. Topics to be covered will include scale, the melodic form of the minor scale, rhythmic patterns and subdivisions of compound meter, and the basic keyboard literature of the intermediate level.

Credit Hours: 1

Prerequisite: MUS 237

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_238](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_238))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81194 601 PVL	-----	-	08/18/14-12/12/14	OCB 186	Pretzel M	5 of 5

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

81195 602 PVL	-----	-	08/18/14-12/12/14	OCB 186	Dolnik N	12 of 12
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Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 239 - Applied Piano IV (Private)

This is an advanced-level course for the student with at least two semesters of prior applied piano study. Students will learn the intermediate level concepts of piano performance. Topics to be covered will include Dorian and Mixolydian modes, pentatonic scales and performance of a Chopin etude.

Credit Hours: 1

Prerequisite: MUS 238

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_239](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_239))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81197 601 PVL	-----	-	08/18/14-12/12/14	OCB 186	Pretzel M	5 of 5

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

81198 602 PVL	-----	-	08/18/14-12/12/14	OCB 186	Dolnik N	12 of 12
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Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 241 - Applied Guitar I (Private)

In this private study in basic guitar technique, emphasis will be upon playing position, posture, tone production and basic music reading skills. Students will begin with studies and short pieces.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_241](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_241))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81200 601 PVL	-----	-	08/18/14-12/12/14	OCB 188	Fitzer H	15 of 15

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 242 - Applied Guitar II (Private)

This is a continuation of private study in basic guitar technique. Emphasis will be upon playing position, posture, tone production and basic music-reading skills. Students will begin with studies and short pieces.

Credit Hours: 1

Prerequisite: MUS 241 or department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_242](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_242))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81201 601 PVL	-----	-	08/18/14-12/12/14	OCB 188	Fitzer H	10 of 10

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 243 - Applied Guitar III (Private)

In this private study in intermediate guitar technique, emphasis will be on playing position, posture, tone production and intermediate music reading skills. Students will progress toward playing literature requiring intermediate skill levels.

Credit Hours: 1

Prerequisite: MUS 242 or department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_243](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_243))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81202 601 PVL	-----	-	08/18/14-12/12/14	OCB 188	Fitzer H	10 of 10

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 244 - Applied Guitar IV (Private)

In this continuation of private study in intermediate guitar technique, emphasis will be on playing position, posture, tone production and intermediate music reading skills. Students will progress toward playing literature requiring intermediate skill levels.

Credit Hours: 1

Prerequisite: MUS 243 or department approval

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_244\)](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_244)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81203 601 PVL	-----	-	08/18/14-12/12/14	OCB 188	Fitzer H	10 of 10

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 246 - Applied Classical Guitar I (Private)

Private study in basic classical guitar technique and repertoire. Emphasis will be upon classical left- and right-hand technique, playing position, posture, tone production and standard classical guitar literature. Students will begin with studies and short pieces.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_246\)](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_246)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81204 601 PVL	-----	-	08/18/14-12/12/14	OCB 188	Fitzer H	10 of 10

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 247 - Applied Classical Guitar II (Private)

This continuation of private study in basic classical guitar technique and repertoire will emphasize classical left- and right-hand technique, playing position, posture, tone production and standard classical guitar literature. Students will continue with studies and short pieces, then progress toward longer pieces with the intent of performing these in a recital situation.

Credit Hours: 1

Prerequisite: MUS 246 or department approval

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_247\)](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_247)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81205 601 PVL	-----	-	08/18/14-12/12/14	OCB 188	Fitzer H	12 of 12

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 248 - Applied Classical Guitar III (Private)

In this private study in intermediate classical guitar technique and repertoire, emphasis will be on classical left- and right-hand technique, playing position, posture, tone production and standard classical guitar literature. Students will progress toward playing and performing more advanced pieces and guitar studies.

Credit Hours: 1

Prerequisite: MUS 247 or department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_248](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_248))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81206 601 PVL	-----	-	08/18/14-12/12/14	OCB 188	Fitzer H	10 of 10

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 249 - Applied Classical Guitar IV (Private)

This continuation of private study in intermediate classical guitar technique and repertoire will emphasize classical left- and right-hand technique, playing position, posture, tone production and standard classical guitar literature. Students will progress toward playing and performing more advanced pieces and guitar studies.

Credit Hours: 1

Prerequisite: MUS 248 or department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_249](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_249))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81207 601 PVL	-----	-	08/18/14-12/12/14	OCB 188	Fitzer H	12 of 12

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 251 - Applied Brass I (Private)

This is an entry-level course for the student with little or no experience in performing on a brass instrument. Through written exercises and performance on the instrument of choice, the student will learn the basic concepts of brass performance. Topics to be covered include tone production, basic musical intervals and major scales.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_251](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_251))



CRN	Days	Time	Date	Location	Instructor	Seats Open
81208 601 PVL	-----	-	08/18/14-12/12/14	OCB 184	Stinson R	10 of 10

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 256 - Applied Percussion I (Private)

This is an entry-level course for the student with little or no training in percussion instruments. The student will learn the beginning concepts of percussion performance. Topics to be covered include basic duple and triple rhythm, snare drum rudiments and basic snare drum performance patterns.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_256](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_256))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81209 601 PVL	-----	-	08/18/14-12/12/14	OCB 184	Auwarter D	10 of 10

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 257 - Applied Percussion II(Private)

This is a beginning-level course for the student with at least one semester of prior instruction in percussion instruments. The student will learn beginning concepts of percussion performance. Topics to be covered include compound rhythm, snare drum rudiments and basic timpani skills.

Credit Hours: 1

Prerequisite: MUS 256 or placement by instructor

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_257](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_257))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81210 601 PVL	-----	-	08/18/14-12/12/14	OCB 182	Auwarter D	10 of 10

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 258 - Applied Percussion III (Private)

This is an intermediate-level course for the student with at least two semesters of prior instruction in percussion instruments. The student will learn beginning concepts of percussion performance. Topics to be covered include snare drum rudiments, basic mallet percussion skills and suspended cymbal skills.

Credit Hours: 1

Prerequisite: MUS 257 or placement by instructor

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_258](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_258))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81211 601 PVL	-----	-	08/18/14-12/12/14	OCB 182	Auwarter D	12 of 12

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 259 - Applied Percussion IV (Private)

This is an advanced-level course for the student with at least three semesters of prior instruction in percussion instruments. The student will learn advanced concepts of percussion performance. Topics to be covered include snare drum rudiments, crash cymbal techniques and drum set skills.

Credit Hours: 1

Prerequisite: MUS 258 or placement by instructor

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_259](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_259))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81212 601 PVL	-----	-	08/18/14-12/12/14	OCB 182	Auwarter D	12 of 12

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 261 - Applied Woodwind I (Private)

This is an entry-level course for the student with little or no experience performing on a woodwind instrument. Through written exercises and performance on the instrument of choice, the student will learn the basic elements of woodwind performance. Topics to be covered include tone production, basic intervals and major scales.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_261](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_261))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81213 601 PVL	-----	-	08/18/14-12/12/14	OCB 182	Isaac J	10 of 10

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 262 - Applied Woodwind II (Private)

This is a beginning-level course for the student with at least one semester of prior woodwind study. The student will learn beginning concepts of woodwind performance on the chosen instrument through written exercises and performance. Topics to be covered include embouchure development, minor scales and duple and triple meters.

Credit Hours: 1

Prerequisite: MUS 261 or placement by instructor

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_262](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_262))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81214 601 PVL	-----	-	08/18/14-12/12/14	OCB 182	Isaac J	12 of 12

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 263 - Applied Woodwind III (Private)

This is an intermediate-level course for the student with at least two semesters of prior woodwind study. The student will learn the intermediate concepts of woodwind performance through written exercises and performance. Topics to be covered include chromatic scale, quadruple rhythmic patterns and chord construction.

Credit Hours: 1

Prerequisite: MUS 262 or placement by instructor

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_263](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_263))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81215 601 PVL	-----	-	08/18/14-12/12/14	OCB 182	Isaac J	12 of 12

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 264 - Applied Woodwind IV (Private)

This is an advanced-level course for the student with at least three semesters of prior woodwind study. Through written exercises and performance, the student will learn the advanced concepts of woodwind performance. Topics to be covered include pentatonic scale, whole tone scale and melodic contour.

Credit Hours: 1

Prerequisite: MUS 263 or placement by instructor

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_264](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_264))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81216 601 PVL	-----	-	08/18/14-12/12/14	OCB 182	Isaac J	12 of 12

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 291 - Independent Study

Independent study is a directed, structured learning experience offered as an extension of the regular curriculum. It is intended to allow individual students to broaden their comprehension of the principles of and competencies associated with the discipline or program. Its purpose is to supplement existing courses with individualized, in-depth learning experiences. Such learning experiences may be undertaken independent of the traditional classroom setting, but will be appropriately directed and supervised by regular instructional staff. Total contact hours vary based on the learning experience.

Credit Hours: 1

Prerequisite: 2.0 GPA minimum and department approval

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS\\_291\)](http://catalog.jccc.edu/fall/coursedescriptions/mus/#MUS_291)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82967 960 F2F	-----	-	08/18/14-12/12/14		TBA	2 of 2

Requirement: Department approval

## Philosophy

### PHIL 121 - Introduction to Philosophy

Students will examine the basic questions of philosophical inquiry, such as the nature of being, and the ways humans acquire knowledge and moral, social, religious and political values. Emphasis is on the application of the study of traditional problems of philosophy to the study of contemporary society. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/phil/#PHIL\\_121\)](http://catalog.jccc.edu/fall/coursedescriptions/phil/#PHIL_121)

[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81005 001 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	GEB 317	Gale D	35 of 35
81006 002 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	GEB 317	Gale D	35 of 35
81007 003 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	GEB 317	Gale D	35 of 35
81008 004 F2F	M-W-F--	02:00-02:50 PM	08/18/14-12/12/14	GEB 317	Ramos-Reyes M	35 of 35
81015 005 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	GP 102	Conrad O	25 of 25

81016	006 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	GEB 317	Conrad O	35 of 35
81018	007 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	GEB 317	Gustafson C	35 of 35
81019	008 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	GEB 317	Quillen L	35 of 35
81020	009 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	GEB 317	Quillen L	35 of 35
81021	201 F2F	-----S-	09:00-12:00 PM	09/06/14-12/12/14	CC 338	Vlahos C	35 of 35
81023	350 ONLNE	-----	-	08/18/14-12/12/14	Online	Jones A	25 of 25
81024	351 ONLNE	-----	-	08/18/14-12/12/14	Online	Jones A	25 of 25

## PHIL 121H - HON: Intro to Philosophy

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/phil/#PHIL\\_121H](http://catalog.jccc.edu/fall/coursedescriptions/phil/#PHIL_121H))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
81523	01H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## PHIL 124 - Logic and Critical Thinking

This course is an inquiry into techniques of persuasion and the standards for interpretation and assessment that are the basis for critical thinking. Argumentative and non-argumentative forms of persuasion are examined, including propaganda, exaggeration, stereotyping, slanted news and common fallacies. In addition, the course offers standards for evidential warrants based on samples, probabilities and causal claims. Relations between categorical propositions and Venn diagrams are examined and, finally, the course suggests strategies for fresh attacks on conceptual problems. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/phil/#PHIL\\_124](http://catalog.jccc.edu/fall/coursedescriptions/phil/#PHIL_124))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
81025	001 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	CC 338	Conrad O	35 of 35
81027	002 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	CC 338	Conrad O	35 of 35
81028	003 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CC 338	Coleman K	35 of 35

## PHIL 138 - Business Ethics

This course applies classical and contemporary theories of morality to problems, questions and dilemmas arising in business. Using the major concepts and principles of deontological, consequentialist and perfectionist theories, it examines and analyzes cases involving such areas as employer/employee relations, corporate responsibility, truth telling in business and workplace diversity. Emphasis is on the development of moral reasoning skills that allow for meaningful analysis and evaluation of moral situations. 1 hr. lecture/wk.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/phil/#PHIL\\_138](http://catalog.jccc.edu/fall/coursedescriptions/phil/#PHIL_138))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81032 001 F2F	--W----	06:00-08:50 PM	08/20/14-09/24/14	CC 344	Arp R	35 of 35
81034 350 ONLINE	-----	-	08/18/14-09/28/14	Online	Arp R	25 of 25

## PHIL 142 - History of Asian Philosophy

This course provides a thorough exploration of the philosophical traditions of Asia with a focus on the classical philosophies of India and China. Covered are the origins of Indian philosophy in the Vedas and Upanishads, the development of various Vedic schools of thought. The origins of Buddhism and Jainism are also explored. The development and influence of Confucianism, Daoism and Chinese Buddhism are covered as well, as is the lasting influence of Asian philosophy outside of both India and China including its increasing relevance in the West. In the process, the class provides a comprehensive understanding of the distinctive philosophical foundations of the Asian world view. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/phil/#PHIL\\_142](http://catalog.jccc.edu/fall/coursedescriptions/phil/#PHIL_142))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81035 001 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	GEB 317	Arjo D	35 of 35

## PHIL 143 - Ethics

This course provides a systematic and critical study of values related to human conduct. It focuses on both traditional standards of ethical conduct and qualities of personal character. What we hold to be right or wrong, the basis for believing so, and what we consider to be virtues or vices are examined with an eye to understanding our current ethical situation. 3 hrs. lecture/wk.

Credit Hours: 3

CRN	Days	Time	Date	Location	Instructor	Seats Open
81036 001 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	GEB 317	Gale D	35 of 35
81037 002 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	GEB 317	Gale D	35 of 35
81038 003 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	GEB 317	Arjo D	35 of 35
81039 004 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	CC 352	Arjo D	35 of 35
81040 005 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	CC 338	Gustafson C	35 of 35
81042 006 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CC 338	TBA	35 of 35
81043 007 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	GEB 317	TBA	35 of 35
81047 008 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	CC 344	Musil B	35 of 35
81049 009 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	GEB 342	Musil B	35 of 35
81050 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Jones A	25 of 25

## PHIL 143H - HON: Ethics

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/phil/#PHIL\\_143H](http://catalog.jccc.edu/fall/coursedescriptions/phil/#PHIL_143H))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81524 02H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## PHIL 154 - History of Ancient Philosophy

This course provides a thorough exploration of ancient Greek and Roman philosophical thought from the original efforts of the Pre-Socratics to understand the fundamental operations of the natural world to concerns about the way a person might live successfully in nature and society. Also explored are the notable Athenians of the classical period, Protagoras, Socrates, Plato and Aristotle, and the later schools of thought such as cynicism, skepticism, hedonism and stoicism. In the process, it provides a comprehensive understanding of the philosophical foundations of the Western world view. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/phil/#PHIL\\_154](http://catalog.jccc.edu/fall/coursedescriptions/phil/#PHIL_154))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81051 001 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	LIB 353B	Arjo D	26 of 26

## PHIL 176 - Philosophy of Religion

This course is an inquiry into the nature of religion, religious thought and religious language. It addresses philosophical topics such as the nature of religious belief, the apparent need of some people for religion, the arguments offered as proof for and against the existence of God, apparent contradictions between scientific and religious teachings, special problems raised by religious language, and the changes religion and philosophy of religion have made to accommodate a modern world view. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/phil/#PHIL\\_176](http://catalog.jccc.edu/fall/coursedescriptions/phil/#PHIL_176))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81056 001 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	CC 338	MacArthur S	35 of 35
81059 002 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	CC 352	Conrad O	35 of 35

## Photography

### PHOT 121 - Fundamentals of Photography

This course provides an introduction to the tools, procedures, concepts and application of photographic imaging. Students will use cameras, light meters and darkroom equipment for film developing and printing to make images to meet the requirements of a series of assignments designed to develop specific skills, competencies and points of view and to stimulate the students' creative capacities for personal expression, communication and self-understanding. Students must provide their own camera with adjustable focus, shutter speeds and aperture. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$150 to 175

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/phot/#PHOT\\_121](http://catalog.jccc.edu/fall/coursedescriptions/phot/#PHOT_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80817 001 F2F	M-W----	08:00-10:50 AM	08/18/14-12/12/14	ATB 147	Wessel M	18 of 18
80818 002 F2F	M-W----	12:00-02:50 PM	08/18/14-12/12/14	ATB 147	Wessel M	18 of 18
80819 003 F2F	-T-R---	08:00-10:50 AM	08/19/14-12/12/14	ATB 147	Long A	18 of 18
80820 004 F2F	-T-R---	12:00-02:50 PM	08/19/14-12/12/14	ATB 147	Long A	18 of 18



## PHOT 122 - Advanced Photography

This course provides an introduction to advanced techniques, tools, procedures and concepts of photographic imaging, with an emphasis on black-and-white photography as a fine art. Students will use Zone System tests and procedures to produce prints of maximum quality. Students will use advanced techniques, such as split-developers for contrast control, multiple-imaging and archival processing, and print presentation. Several "alternative" printing processes will be discussed and demonstrated. This course also includes a basic introduction to medium format (2 1/4) and large format (4 x 5) camera equipment and technique. Students will apply the above to make images for a series of conceptually advanced, project/series-oriented assignments to stimulate the student's creative capacities for personal expression, communication and self-understanding. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$100 to 150

Prerequisite: PHOT 121

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/phot#PHOT\\_122](http://catalog.jccc.edu/fall/coursedescriptions/phot#PHOT_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80822 001 F2F	-T-R---	03:00-05:50 PM	08/19/14-12/12/14	ATB 147	Heying P	18 of 18

## PHOT 123 - Studio Photography

This course provides an introduction to advanced techniques, tools, procedures and concepts of studio and commercial photography. Students will use professional camera and studio equipment, including studio electronic flash and hand-held light/flash meters. This course also includes an introduction to professional medium format (2 1/4) and large format (4"x5") equipment and advanced camera techniques for total image control. Students will use studio lighting for various portraiture styles and for small-product, table-top photography. Applications of digital photography as they apply to studio photographic processes will be introduced. Students will apply the above to make images for a series of advanced studio assignments. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$75 to \$150

Prerequisite: PHOT 121

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/phot#PHOT\\_123](http://catalog.jccc.edu/fall/coursedescriptions/phot#PHOT_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80823 001 F2F	-T-R---	12:00-02:50 PM	08/19/14-12/12/14	ATB 145D	Tamowski T	20 of 20
80824 002 F2F	M-W----	06:30-09:20 PM	08/18/14-12/12/14	ATB 145D	Nichols J	20 of 20

## PHOT 128 - Digital Photography

This course is an introduction to the concepts, tools and technology of digital imaging for photographers. Students will develop competence in the use of digital photographic equipment, software, storage devices and printers to produce digital photographic images satisfying the requirements of a series of assignments designed to develop specific skills and competencies. Students will "capture," import, adjust, correct, transmit, store and output images. They will use digital imaging technology to produce photographs for visual communication and artistic expression. Ethics and cultural implications of the technology will be discussed. 6 hrs. integrated lecture/lab per/wk.

Credit Hours: 3

Associated Costs: \$75 to 150

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/phot/#PHOT\\_128](http://catalog.jccc.edu/fall/coursedescriptions/phot/#PHOT_128))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80825 001 F2F	-T-R---	12:00-02:50 PM	08/19/14-12/12/14	ATB 135	Heying P	20 of 20
Kansas Senate Bill SB 155						
80826 002 F2F	M-W----	03:00-05:50 PM	08/18/14-12/12/14	ATB 135	Sands C	20 of 20
Kansas Senate Bill SB 155						
80831 003 F2F	-----S-	12:00-05:50 PM	08/23/14-12/12/14	ATB 135	Lamberton J	20 of 20
Kansas Senate Bill SB 155						
80827 350 ONLNE	-----	-	08/18/14-12/12/14	Online	Nichols M	25 of 25
Kansas Senate Bill SB 155						
80828 351 ONLNE	-----	-	08/18/14-12/12/14	Online	Nichols M	25 of 25
Kansas Senate Bill SB 155						

## PHOT 129 - Advanced Digital Photography

This course develops and expands upon the techniques, tools, procedures, and concepts that were introduced in the Digital Photography course. Students will learn to use a digital single lens reflex (DSLR) camera or its equivalent. Students will develop and use an archival image editing workflow. They will learn advanced image correction, modification and editing techniques to prepare photographic images for various output options including photographic prints and the web. They will employ file management routines and archival storage systems. Students will create original work that demonstrates an advanced proficiency in digital methods and an advanced understanding of the practice of photography. They will produce high quality prints. The work created is intended to stimulate the student's creative capacities for personal expression, communication and self-understanding. 6 hrs. integrated lecture lab/wk.

Credit Hours: 3

Associated Costs: \$125 to 175

Prerequisite: PHOT 128

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/phot/#PHOT\\_129](http://catalog.jccc.edu/fall/coursedescriptions/phot/#PHOT_129))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80829 001 F2F	----F--	12:00-05:50 PM	08/22/14-12/12/14	ATB 135	Sands C	20 of 20
Kansas Senate Bill SB 155						
80830 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Nichols J	25 of 25
Kansas Senate Bill SB 155						

## Physics

### PHYS 130 - College Physics I

In this introductory course for pre-professional and general education, students will learn the fundamentals of selected areas of classical physics. Using the tools of algebra and trigonometry, the course develops the topics of kinematics, mechanics, fluid mechanics, thermal energy and thermodynamics, and concludes with waves. The two-semester PHYS 130/131 sequence is designed to meet the requirements of area pre-professional programs. This is a transfer course that meets the college's requirements for associate's degree programs and also meets transfer requirements of area colleges and universities. This course does not normally fulfill the requirement of engineering programs. The course includes an integrated laboratory component the completion of which is a necessary part of the total instructional package. 4 hrs. lecture, 3 hrs. lab/wk.

Note: This course does not normally fulfill the requirements of engineering programs. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 5

Prerequisite: MATH 171 or placement scores

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/phys/#PHYS\\_130](http://catalog.jccc.edu/fall/coursedescriptions/phys/#PHYS_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82284 001 F2F	MTWR---	08:00-08:50 AM	08/18/14-12/12/14	SCI 117	Malek G	24 of 24
	Lab M-----	11:00-01:50 PM	08/18/14-12/12/14	SCI 117		
Note: This course does not normally fulfill the requirements of engineering programs.						
82285 002 F2F	MTWR---	09:00-09:50 AM	08/18/14-12/12/14	SCI 117	Malek G	24 of 24
	Lab -T-----	11:00-01:50 PM	08/19/14-12/12/14	SCI 117		
Note: This course does not normally fulfill the requirements of engineering programs.						
82286 003 F2F	MTWR---	10:00-10:50 AM	08/18/14-12/12/14	SCI 117	Malek G	24 of 24
	Lab M-----	02:00-04:50 PM	08/18/14-12/12/14	SCI 117		
Note: This course does not normally fulfill the requirements of engineering programs.						
82288 004 F2F	M-W----	11:00-12:50 PM	08/18/14-12/12/14	GEB 217	Weaver L	24 of 24
	Lab ----F--	11:00-01:50 PM	08/22/14-12/12/14	SCI 121		

82289 005 F2F M-W---- 02:00-03:50 PM 08/18/14-12/12/14 GEB 217 Weaver L 24 of 24

Lab ----F-- 02:00-04:50 PM 08/22/14-12/12/14 SCI 121

Note: This course does not normally fulfill the requirements of engineering programs.

82290 006 F2F M----- 06:00-08:50 PM 08/18/14-12/12/14 GEB 217 Weaver L 24 of 24

--W---- 06:00-06:50 PM 08/20/14-12/12/14 GEB 217

Lab --W---- 07:00-09:50 PM 08/20/14-12/12/14 SCI 121

Note: This course does not normally fulfill the requirements of engineering programs.

## PHYS 131 - College Physics II

In this introductory course for pre-professional and general education, students will learn the fundamentals of selected areas of classical physics. Using the tools of algebra and trigonometry, the course develops the topics of electricity and magnetism, waves, light and optics and some elements of modern physics, such as relativity and quantum physics. The two-semester PHYS 130/131 sequence is designed to meet the requirements of area pre-professional programs. This is a transfer course that meets the college's requirements for associate's degree programs and also meets transfer requirements of area colleges and universities. This course does not normally fulfill the requirements of engineering programs. The course includes an integrated laboratory component the completion of which is a necessary part of the total instructional package. 4 hrs. lecture, 3 hrs. lab/wk.

Note: This course does not normally fulfill the requirements of engineering programs.

Credit Hours: 5

Prerequisite: PHYS 130

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/phys/#PHYS\\_131](http://catalog.jccc.edu/fall/coursedescriptions/phys/#PHYS_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82291 001 F2F	MTWR---	11:00-11:50 AM	08/18/14-12/12/14	SCI 120	Martinez D	24 of 24
Lab	-T-----	02:00-04:50 PM	08/19/14-12/12/14	SCI 117		

Note: This course does not normally fulfill the requirements of engineering programs.

## PHYS 214 - Introduction to Teaching Math and Science I

This course allows math and science students to explore and develop an appreciation for teaching as a career. To support their learning, students will be introduced to the theory and practice that is necessary to design and deliver quality instruction. They will plan and implement lessons of an inquiry-based curriculum in an elementary classroom during the semester. MATH 214, ASTR 214, BIOL 214, CHEM 214, GEOS 214, PHYS 214 and PSCI 214 are the same course; enroll in only one. 1.25 hrs. lecture/wk.

Credit Hours: 1

Prerequisites: MATH 171 with a grade of "C" or higher OR appropriate score on the math placement test OR department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/phys/#PHYS\\_214](http://catalog.jccc.edu/fall/coursedescriptions/phys/#PHYS_214))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83001 100 F2F	M-----	03:00-04:15 PM	08/18/14-12/12/14	CLB 213	Rothrock K	24 of 24

## PHYS 220 - Engineering Physics I

This is an introduction to physics for engineering and science students. Included will be mathematical approaches to the study of mechanics, wave motion and thermodynamics. 4 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 5

: Prerequisite or Corequisite: MATH 242

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/phys/#PHYS\\_220](http://catalog.jccc.edu/fall/coursedescriptions/phys/#PHYS_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82292 001 F2F	MTWR---	09:00-09:50 AM	08/18/14-12/12/14	GEB 217	Martinez D	24 of 24
	Lab --W----	02:00-04:50 PM	08/20/14-12/12/14	SCI 121		
82294 002 F2F	MTWR---	10:00-10:50 AM	08/18/14-12/12/14	GEB 217	Martinez D	24 of 24
	Lab ---R---	02:00-04:50 PM	08/21/14-12/12/14	SCI 121		
82295 003 F2F	-T-----	06:00-06:50 PM	08/19/14-12/12/14	SCI 120	Richman M	24 of 24
	Lab -T-----	07:00-09:50 PM	08/19/14-12/12/14	SCI 121		
	---R---	07:00-09:50 PM	08/21/14-12/12/14	SCI 120		

## PHYS 221 - Engineering Physics II

This is an introduction to physics for engineering and science students. Included are mathematical approaches to the study of electricity, magnetism, sound, optics and modern physics. 4 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 5

Prerequisites: PHYS 220 and MATH 242

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/phys/#PHYS\\_221](http://catalog.jccc.edu/fall/coursedescriptions/phys/#PHYS_221))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82296 001 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	SCI 120	Thuma R	24 of 24
	--W----	06:00-06:50 PM	08/20/14-12/12/14	SCI 120		
	Lab --W----	07:00-09:50 PM	08/20/14-12/12/14	SCI 117		

## POLS 122 - Political Science

This course provides students the opportunity to explore the discipline of political science and to discover how political scientists study politics in the contemporary world. 3 hrs. lecture/wk. and online.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/pols/#POLS\\_122\)](http://catalog.jccc.edu/fall/coursedescriptions/pols/#POLS_122)

[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81473 001 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	GEB 213	Bedell T	34 of 34
81474 002 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	GEB 213	Wright B	34 of 34
81475 003 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	GEB 213	Wright B	34 of 34
81476 004 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	GEB 213	Burns J	34 of 34
81477 005 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	GEB 213	Burns J	34 of 34
81478 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Alexander L	25 of 25
81479 351 ONLINE	-----	-	08/18/14-12/12/14	Online	Alexander L	25 of 25

## POLS 124 - American National Government

This course examines the components of the public policy-making process. Topics of study include American political culture, constitutional principles, intergovernmental relations, public opinion, political parties, interest groups, media, the influence of the constant campaign of candidate-centered politics, budget construction, bureaucracy, and decision-making institutions. 3 hrs./wk. and online. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/pols/#POLS\\_124\)](http://catalog.jccc.edu/fall/coursedescriptions/pols/#POLS_124)

[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81480 001 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	GEB 279	Faulwell B	32 of 32
81481 002 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	GEB 213	Faulwell B	34 of 34
81482 003 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	GEB 279	Faulwell B	32 of 32
81483 004 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	GEB 279	Wright B	32 of 32
81484 005 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	GEB 279	Cusser J	32 of 32
81485 006 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	GEB 279	Cusser J	32 of 32
81487 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Elmore C	25 of 25
81488 351 ONLINE	-----	-	08/18/14-12/12/14	Online	Elmore C	25 of 25

## POLS 132 - Introduction to Comparative Government

This course compares the different political structures of many of the world's most important countries, including economic development, patterns of government and administration, party structures and policy formation. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/pols/#POLS\\_132](http://catalog.jccc.edu/fall/coursedescriptions/pols/#POLS_132))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81489 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Alexander L	25 of 25

## POLS 135 - International Relations

This course analyzes the conflict and cooperation among nation-states. Students will study contemporary problems and how they relate to power, war, terrorism, diplomacy, international organizations and the future of the nation-state system. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/pols/#POLS\\_135](http://catalog.jccc.edu/fall/coursedescriptions/pols/#POLS_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81490 001 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	GEB 213	Wright B	34 of 34
81491 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Belzer G	25 of 25
81492 351 ONLINE	-----	-	08/18/14-12/12/14	Online	Belzer G	25 of 25

## POLS 270 - Political Science Internship

Students augment their academic course work with an internship in an appropriate setting under instructional supervision. Internship projects are cooperative efforts between appropriate supervisors in state, local or national government settings or not-for-profit organizations and college staff and students. Internships give students the opportunity to participate in the real-world application of their academic studies. In addition, this synthesis of classroom study with practical experience provides students with skills and insights useful in selecting a career or avocation in community service. The student spends the equivalent of 10 hours per week performing internship duties over the course of the semester or a total of 150 hours.

Credit Hours: 3

Prerequisite and/or corequisite: By permission of the political science internship coordinator, completion of 6 credit hours in political science courses at JCCC or another college within the last two years, earning a minimum of a 3.0 on a 4.0 scale in those political science courses, and a written recommendation from your political science

classroom instructor. Students must complete all necessary arrangements for this program the semester prior to the internship.

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/pols/#POLS\\_270](http://catalog.jccc.edu/fall/coursedescriptions/pols/#POLS_270))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81493 500 F2F	-----	-	08/18/14-12/12/14		TBA	8 of 8

Requirement: Department approval

## Physical Science

### PSCI 120 - Physical Science

This course is an introduction to the fundamental concepts and principles of physics, chemistry, astronomy and the earth sciences. Topics include forces, energy, electricity, magnetism, modern physics, and chemical bonding. It is counted toward laboratory science requirements and is intended for non-science majors. The course includes presentation of material using audiovisual, computer and other multimedia aids. Three hours of class and three hours of work in a scheduled lab are required each week. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/psci/#PSCI\\_120](http://catalog.jccc.edu/fall/coursedescriptions/psci/#PSCI_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82298 001 F2F	M-----	09:00-11:50 AM	08/18/14-12/12/14	SCI 125	Finnicum S	24 of 24
	Lab --W----	09:00-11:50 AM	08/20/14-12/12/14	SCI 125		
82299 002 F2F	M-----	01:00-03:50 PM	08/18/14-12/12/14	SCI 125	TBA	24 of 24
	--W----	01:00-03:50 PM	08/20/14-12/12/14	SCI 125		
82301 003 F2F	-T-----	09:00-11:50 AM	08/19/14-12/12/14	SCI 125	Finnicum S	24 of 24
	Lab ---R---	09:00-11:50 AM	08/21/14-12/12/14	SCI 125		
82302 004 F2F	-T-----	02:00-04:50 PM	08/19/14-12/12/14	SCI 125	Finnicum S	24 of 24
	Lab ---R---	02:00-04:50 PM	08/21/14-12/12/14	SCI 125		
82303 005 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	SCI 125	TBA	24 of 24
	Lab --W----	06:00-08:50 PM	08/20/14-12/12/14	SCI 125		

### PSCI 214 - Introduction to Teaching Math and Science I

This course allows math and science students to explore and develop an appreciation for teaching as a career. To support their learning, students will be introduced to the theory and practice that is necessary to design and deliver quality instruction. They will plan and implement lessons of an inquiry-based curriculum in an elementary classroom during the semester. MATH 214, ASTR 214, BIOL 214, CHEM 214, GEOS 214, PHYS 214 and PSCI 214 are the same course; enroll in only one. 1.25 hrs. lecture/wk.



Credit Hours: 1

Prerequisites: MATH 171 with a grade of "C" or higher OR appropriate score on the math placement test OR department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/psci/#PSCI\\_214](http://catalog.jccc.edu/fall/coursedescriptions/psci/#PSCI_214))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83002 100 F2F	M-----	03:00-04:15 PM	08/18/14-12/12/14	CLB 213	Rothrock K	24 of 24

## Polysomnography/Sleep Tech

### PSG 125 - Introduction to Sleep Medicine


This course is an introduction to the history of sleep medicine. It also explores the role and the communication, time management, infection control, basic patient assessment, safety and professional expectations of the polysomnographic technologist. Students will have the opportunity to have direct observation in an associated sleep center or lab. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee. 4 hrs. integrated lecture/lab each week and 48 clinical hrs./semester.

Credit Hours: 4

Associated Costs: \$50 to 150

Prerequisite: Admission to the polysomnography program Corequisite: Current AHA BLS Health Care Provider Certification

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/psg/#PSG\\_125](http://catalog.jccc.edu/fall/coursedescriptions/psg/#PSG_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82569 001 F2F	-T-----	12:30-04:30 PM	08/19/14-12/12/14	 OHEC 115	Sanner C	15 of 15
	-T-----	12:30-04:30 PM	08/19/14-12/12/14	 OHEC 119		

Kansas Senate Bill SB 155



### PSG 130 - Physiology of Sleep Medicine

This course will provide a comprehensive study of neuroanatomy and physiology and normal sleep mechanisms. It will also provide an overview of the cardiovascular and respiratory anatomy and physiology as it relates to sleep medicine. This includes ECG interpretation, oxygenation and ventilation assessment, and mechanisms and basic management of breathing. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: Admission to the polysomnography

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/psg/#PSG\\_130\)](http://catalog.jccc.edu/fall/coursedescriptions/psg/#PSG_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82574 001 F2F	-T-----	09:00-12:00 PM	08/19/14-12/12/14	 OHEC 115	Sanner C	20 of 20
	-T-----	09:00-12:00 PM	08/19/14-12/12/14	 OHEC 119		

## Psychology

### PSYC 121 - Applied Psychology

The course will focus on learning how to apply psychological principles in order to better understand one's own experience (cognitive, behavioral and emotional) and that of other people. This course is not a substitute for Introduction to Psychology and will not meet the prerequisite requirement for advanced psychology courses. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/psyc/#PSYC\\_121\)](http://catalog.jccc.edu/fall/coursedescriptions/psyc/#PSYC_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81252 001 F2F	M-----	03:00-05:50 PM	08/18/14-12/12/14	GEB 377	Ward P	35 of 35

### PSYC 130 - Introduction to Psychology

This basic introduction to psychology includes the study of biological aspects of behavior, the brain, consciousness, sensation and perception, motivation and emotion, stress, maturation and development, learning and memory, normal and abnormal personality, and social psychology. This course is the prerequisite for all advanced-level psychology courses. 3 hrs. lecture/wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/psyc/#PSYC\\_130\)](http://catalog.jccc.edu/fall/coursedescriptions/psyc/#PSYC_130)

[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81365 001 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	GEB 377	Ward A	35 of 35
81366 002 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	CLB 312	Rader M	35 of 35
81367 003 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	GEB 342	Sympson S	35 of 35
81368 004 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CLB 312	Rader M	35 of 35
81369 005 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CLB 312	Darrow R	35 of 35
81370 006 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	SCI 212	Ward A	35 of 35

81371	007 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	GP 102	Bratt J	25 of 25
81372	008 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CLB 312	Rader M	35 of 35
81373	009 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	GEB 377	Sympson S	35 of 35
81374	010 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	CLB 312	Kelly D	35 of 35
81375	011 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	CLB 312	Kelly D	35 of 35
81376	012 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	GEB 377	Sympson S	35 of 35
81377	013 F2F	M-W-F--	02:00-02:50 PM	08/18/14-12/12/14	CLB 312	Kappen D	35 of 35
81378	014 F2F	M-W-F--	03:00-03:50 PM	08/18/14-12/12/14	CLB 312	Kappen D	35 of 35
81379	015 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	CLB 312	Rader M	35 of 35
81380	016 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	GEB 377	Martin K	35 of 35
81381	017 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	PA 145	Darrow R	32 of 32
81382	018 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CLB 312	Redburn B	35 of 35
81383	019 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	SCI 212	Martin K	35 of 35
81384	020 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CLB 312	Redburn B	35 of 35
81385	021 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	SCI 212	Pettitt J	35 of 35
81386	022 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CLB 312	TBA	35 of 35
81387	023 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	SCI 212	Ladd B	35 of 35
81388	024 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	SCI 212	Ward P	35 of 35
81389	025 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	PA 145	Pascal J	32 of 32
81390	026 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	SCI 212	Ward P	35 of 35
81391	027 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	SCI 212	Ladd B	35 of 35
81392	028 F2F	-T-R---	03:30-04:45 PM	08/19/14-12/12/14	GEB 377	Riley N	35 of 35
81393	029 F2F	-T-R---	03:30-04:45 PM	08/19/14-12/12/14	CLB 312	Fitzcharles-Keller H	35 of 35
81394	030 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	GEB 377	Riley N	35 of 35
81395	031 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	GEB 377	Pascal J	35 of 35
81396	032 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	CLB 312	Kappen D	35 of 35
81398	034 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	SCI 212	TBA	35 of 35
81399	035 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	CLB 312	Lawrenz C	35 of 35
81401	036 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	GEB 377	Riley N	35 of 35
82203	037 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	PA 145	Pascal J	32 of 32
82493	038 F2F	-T-R---	11:00-12:15 PM	08/18/14-12/12/14	GEB 238	Ladd B	26 of 26

Introduction to Psychology Honors

Honors Course

Note: This is an honors section of PSYC 130. Enrollment is by permission. Interested students should check with the Honors Program Office to ensure

that they are eligible to take this class. Honors Program Office COM 201.

Requirement: Department approval

81400	200 F2F	-T-R---	09:30-10:55 AM	09/02/14-12/12/14	 KUE 100	TBA	35 of 35
81402	201 F2F	-T-----	06:00-09:00 PM	09/02/14-12/12/14	CLB 312	DeJarnette D	35 of 35
81403	202 F2F	-T-----	06:00-09:00 PM	09/02/14-12/12/14	GEB 377	Jones D	35 of 35
81404	203 F2F	-T-----	06:00-09:00 PM	09/02/14-12/12/14	 OHEC 105	TBA	24 of 24
81405	350 ONLNE	-----	-	08/18/14-12/12/14	Online	Klinger T	25 of 25
81406	351 ONLNE	-----	-	08/18/14-12/12/14	Online	Klinger T	25 of 25
81407	352 ONLNE	-----	-	08/18/14-12/12/14	Online	Redburn B	25 of 25
81408	353 ONLNE	-----	-	08/18/14-12/12/14	Online	Redburn B	25 of 25
82362	354 ONLNE	-----	-	08/18/14-12/12/14	Online	Rader M	25 of 25

## PSYC 130H - HON: Intro to Psychology

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/psyc/#PSYC\\_130H](http://catalog.jccc.edu/fall/coursedescriptions/psyc/#PSYC_130H))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
81525	01H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## PSYC 205 - Human Sexuality

PSYC 205, Human Sexuality, is a balanced and thoughtful account of what is known about sexuality from various perspectives. A broad and representative survey of research is presented in a number of topical areas. Psychobiology, sexual development during childhood and adolescence, sexual interactions, love relationships and behavior, gender issues, sexual orientation, health issues and diseases, and sexual problems and solutions will be studied. Primary emphasis will be placed on the individual and the couple as a unit of analysis. Class discussions of issues relating to human sexuality will be encouraged. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: PSYC 130

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/psyc/#PSYC\\_205](http://catalog.jccc.edu/fall/coursedescriptions/psyc/#PSYC_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81739 001 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	GP 101	Schwartz L	25 of 25
81740 002 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	GP 101	Schwartz L	25 of 25
81741 351 ONLINE	-----	-	08/18/14-12/12/14	Online	Redburn B	25 of 25


## PSYC 210 - Research Methods in Psychology

This course deals with scientific research methods utilized in the social sciences, especially psychology, sociology, political science and anthropology. The course examines a wide range of data collection methodologies including observation, questionnaire construction, and controlled experimentation. The course will be beneficial for analyzing and evaluating the quality of research findings reported in both the popular and academic press. It will also be useful to those who plan to engage in occupations requiring the use of research methodology. This course may not be offered every semester. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: PSYC 130 and MATH 171

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/psyc/#PSYC\\_210](http://catalog.jccc.edu/fall/coursedescriptions/psyc/#PSYC_210))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81742 001 F2F	--W----	04:00-06:50 PM	08/20/14-12/12/14	 KUE 256	Rader M	20 of 20

## PSYC 215 - Child Development

This course is a comprehensive account of human development from conception through adolescence. The course integrates genetic, biological, physical and anthropological influences with psychological processes and explores determinants of behavior from a genetic and environmental perspective. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: PSYC 130

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/psyc/#PSYC\\_215](http://catalog.jccc.edu/fall/coursedescriptions/psyc/#PSYC_215))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81743 001 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	GEB 279	Hinson J	32 of 32
Kansas Senate Bill SB 155						
81744 002 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	GEB 377	Hinson J	35 of 35
Kansas Senate Bill SB 155						
81745 003 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	GEB 377	Hinson J	35 of 35
Kansas Senate Bill SB 155						
81746 004 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	GEB 377	Pettitt J	35 of 35

Kansas Senate Bill SB 155

81747 005 F2F M-W-F-- 10:00-10:50 AM 08/18/14-12/12/14 GEB 377 Pettitt J 35 of 35

Kansas Senate Bill SB 155

81748 350 ONLINE ----- - 08/18/14-12/12/14 Online Hurst D 25 of 25

Kansas Senate Bill SB 155

## PSYC 215H - HON: Child Development

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/psyc/#PSYC\\_215H](http://catalog.jccc.edu/fall/coursedescriptions/psyc/#PSYC_215H))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81526 02H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Kansas Senate Bill SB 155

Requirement: Department approval

## PSYC 218 - Human Development

This course is a comprehensive account of human psychological and physical development from conception through infancy, childhood, adolescence, adulthood and death. The course integrates genetic, biological, physiological and anthropological influences with the psychological process, and explores determinants of development from both hereditary and environmental perspectives. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: PSYC 130

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/psyc/#PSYC\\_218](http://catalog.jccc.edu/fall/coursedescriptions/psyc/#PSYC_218))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81750 001 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	SCI 212	Peterson P	35 of 35
81751 002 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	GEB 377	Pettitt J	35 of 35
81757 003 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	SCI 212	Peterson P	35 of 35
81758 004 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	GEB 377	Pettitt J	35 of 35
81760 005 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	CC 126A	Peterson P	35 of 35

81762	201 F2F	--W----	06:00-09:00 PM	09/03/14-12/12/14	CLB 312	Jones D	35 of 35
81764	350 ONLINE	-----	-	08/18/14-12/12/14	Online	Klinger T	25 of 25
81766	351 ONLINE	-----	-	08/18/14-12/12/14	Online	Salvato M	25 of 25
81767	352 ONLINE	-----	-	08/18/14-12/12/14	Online	Salvato M	25 of 25
81768	353 ONLINE	-----	-	08/18/14-12/12/14	Online	Klinger T	25 of 25

## PSYC 218H - HON: Human Development

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/psyc/#PSYC\\_218H](http://catalog.jccc.edu/fall/coursedescriptions/psyc/#PSYC_218H))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
81527	03HF2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## PSYC 220 - Social Psychology

Social psychology is the study of social influence on behavior and cognition. Social psychology explores our relationships with others, our interdependency, and the mutual influence we have on one another. The course will cover concepts such as attitude formation, attitude change, prejudice, aggression, affiliation, obedience to authority, and conformity; special emphasis will be placed on fostering prosocial behavior and how our attitudes toward self and others are influenced by race, ethnicity, gender, age, religious beliefs, socioeconomic status, sexual orientation, and political beliefs. The course requires students to acquire a critical awareness of research methodology. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: PSYC 130

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/psyc/#PSYC\\_220](http://catalog.jccc.edu/fall/coursedescriptions/psyc/#PSYC_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
81770	001 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	GEB 375	Ward A	35 of 35

## PSYC 225 - Educational Psychology

This course addresses issues that apply theories of psychology to the educational environment. Topics included in the study of educational psychology include research methodology, theories of human development, principles of learning, the psychology of motivation, theories of intelligence, testing and assessment techniques, and career development. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: PSYC 130

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/psyc/#PSYC\\_225](http://catalog.jccc.edu/fall/coursedescriptions/psyc/#PSYC_225))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81774 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Salvato M	25 of 25

## Respiratory Care

Missouri residents see reverse cooperative information. For complete program information: [www.jccc.edu/respiratorycare](http://www.jccc.edu/respiratorycare) (<http://www.jccc.edu/respiratorycare/>)



## RC 220 - Cardiopulmonary Physiology

This is a comprehensive study of the physiology and pathophysiology of the pulmonary, cardiovascular and renal systems as they relate to respiratory care. 2 hrs./wk. Fall.

Credit Hours: 2

Prerequisite: Successful completion of the summer sequence of respiratory care courses

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/rc/#RC\\_220](http://catalog.jccc.edu/fall/coursedescriptions/rc/#RC_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82598 001 F2F	--W-F--	10:00-12:00 PM	08/20/14-12/10/14	 OHEC 115	Murray J Portmann R	18 of 18
	--W-F--	10:00-12:00 PM	08/20/14-12/10/14	 OHEC 119		

Kansas Senate Bill SB 155

## RC 230 - Clinical Topics and Procedures I



This course supplements the fall clinical experiences. Concepts, techniques and procedures learned in the summer semester are reinforced. The student will develop new understandings and skills in the acute care, basic emergency care and introductory-level critical care settings. Emphasis will be on arterial blood gas procurement and analysis, cardiac rhythm assessment and management, airway equipment and management procedures, patient management of obstructive lung disorders, perioperative care and chest trauma. In addition, basic mechanical ventilation concepts and techniques will be addressed as they relate to physiologic effects, ventilator commitment, management and basic troubleshooting. 3 hrs. lecture, 3 hrs. lab/wk. Fall



Credit Hours: 4

Prerequisite: Successful completion of the summer sequence of respiratory care courses

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/rc/#RC\\_230](http://catalog.jccc.edu/fall/coursedescriptions/rc/#RC_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82599 001 F2F	--W-F--	08:00-09:50 AM	08/20/14-12/10/14	 OHEC 115	Freund C Portmann R	18 of 18
	--W-F--	08:00-09:50 AM	08/20/14-12/10/14	 OHEC 119		

Kansas Senate Bill SB 155



## RC 235 - Cardiopulmonary Medicine II

This is the second in a series of three courses that provide a detailed review of the physical and diagnostic assessments of the cardiopulmonary patient and the related clinical implications of the assessment finding. 2 hrs. lecture/wk. Fall

Credit Hours: 2

Prerequisite: Successful completion of the summer sequence of respiratory care courses

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/rc/#RC\\_235](http://catalog.jccc.edu/fall/coursedescriptions/rc/#RC_235))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82600 001 F2F	--W----	01:00-03:00 PM	08/20/14-12/10/14	 OHEC 115	Sanner C Portmann R	18 of 18
	--W----	01:00-03:00 PM	08/20/14-12/10/14	 OHEC 119		

Kansas Senate Bill SB 155



## RC 240 - Cardiopulmonary Pharmacology

This course acquaints the student with general principles of pharmacology and provides a comprehensive review of all drugs and drug groups that are either administered by respiratory-care practitioners or play an integral part in the management of patients they may encounter. Emphasis is on the clinical application of pharmacological agents, their therapeutic effects, mechanism of action and adverse effects, rather than the biochemistry involved. 2 hrs. lecture/wk. Fall.

Credit Hours: 2

Prerequisite: Successful completion of the summer sequence of respiratory care courses

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/rc/#RC\\_240](http://catalog.jccc.edu/fall/coursedescriptions/rc/#RC_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82601 001 F2F	----F--	01:00-03:00 PM	08/22/14-12/12/14	 OHEC 115	Sanner C Portmann R	18 of 18
	----F--	01:00-03:00 PM	08/22/14-12/12/14	 OHEC 119		

Kansas Senate Bill SB 155

## RC 271 - Clinical Practice I


This course is the clinical application of respiratory care therapeutic and diagnostic procedures. Students will have the opportunity to work with patients under close supervision to further develop their skill and understanding of basic respiratory care procedures for adults and children. The course objectives progress throughout the semester to involve the student initially in basic care of the less critically ill patient. As their comfort level and exposures progress, students are allowed to work with the more critically ill patients. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee. 24 hrs./wk. Fall.

Credit Hours: 6

Associated Costs: \$100 to 200

Prerequisite: Successful completion of the summer sequence of respiratory care courses

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/rc/#RC\\_271](http://catalog.jccc.edu/fall/coursedescriptions/rc/#RC_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82602 001 CLI	MT-R---	06:00-05:00 PM	08/18/14-12/11/14	 OHEC 119	Murray J	18 of 18

Kansas Senate Bill SB 155

## Reading

### RDG 126 - Reading Skills Improvement

This is the mandatory reading course based on JCCC assessment scores, and successful completion of this course is required to exit the assessment mandate. It is designed for students who need to improve their understanding of written expression. The focus of the course is on higher-level comprehension and vocabulary skills. Students use written materials to apply and practice skills learned in the class and to provide a background for written assignments. This course does not fulfill degree requirements. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$5-15

Prerequisites: Appropriate test score; or either RDG 125 with a grade of "C" or higher; or EAP 111 and EAP 115 and EAP 122

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/rdg/#RDG\\_126](http://catalog.jccc.edu/fall/coursedescriptions/rdg/#RDG_126))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82331 001 F2F	M-W----	11:00-12:40 PM	08/18/14-12/12/14	SCI 122	Creason L	22 of 22
Note: Counselor approval is required. Additional instruction is provided.						
Requirement: Department approval						
82332 002 F2F	-T-R---	11:00-12:40 PM	08/19/14-12/12/14	CC 321	Bethke R	22 of 22
Note: Counselor approval is required. Additional instruction is provided.						
Requirement: Department approval						
82365 003 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	CC 321	Franklin S	22 of 22
82366 004 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	LIB 353B	Parra L	22 of 22
82368 005 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CC 321	Franklin S	22 of 22
82369 006 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	LIB 353B	Parra L	22 of 22
82371 007 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CC 321	Sawyer C	22 of 22
82372 008 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CC 321	Sawyer C	22 of 22
82373 009 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CC 229	Rottinghaus D	22 of 22
82374 010 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	CC 321	Graham L	22 of 22
82375 011 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	CC 321	Rottinghaus D	22 of 22
82379 015 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	CC 321	Franklin S	22 of 22
82380 016 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CC 321	Rottinghaus D	22 of 22
82383 018 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	OCB 142	Rottinghaus D	22 of 22
82384 019 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	GEB 381	Parra L	22 of 22
82385 020 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	SCI 116	Fargus L	22 of 22
82386 021 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CC 323	Creason L	22 of 22
82387 022 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	CC 321	Creason L	22 of 22
82389 024 F2F	-T-R---	03:30-04:55 PM	09/02/14-12/12/14	CC 321	Fielder R	22 of 22
82391 026 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	CC 321	Creason L	22 of 22

## RDG 127 - College Reading Skills

In this advanced course, designed for students who wish to further improve their reading, students will develop critical reading skills, expand background knowledge through reading, increase vocabulary, develop flexible reading techniques, and improve study and writing skills. Students use selected periodicals to apply and practice skills learned in the class and to provide a background for written assignments and class discussions. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$2 to 5

Prerequisite: RDG 126 or appropriate assessment score

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/rdg/#RDG\\_127\)](http://catalog.jccc.edu/fall/coursedescriptions/rdg/#RDG_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82400 376 HYB	-T-----	12:30-01:45 PM	08/19/14-12/12/14	GEB 311	Parra L	22 of 22
	-----	-	08/19/14-12/12/14	Online		

Note: Check the D2L website to learn more about this course. You can also contact the instructor, Lisa Parra, at [lparra@jccc.edu](mailto:lparra@jccc.edu).

## Religion

### REL 120 - Exploring World Religions

This course is a comparative study of the world's major religious traditions. The basic beliefs of Hinduism, Buddhism, Confucianism, Daoism, Judaism, Christianity and Islam will be explored. A comparative framework for religious studies will be provided, and essential differences between Eastern and Western religions will be noted. Literary texts and iconographic images will be studied as appropriate. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/rel/#REL\\_120\)](http://catalog.jccc.edu/fall/coursedescriptions/rel/#REL_120)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
81061 001 F2F	M-W-F--	02:00-02:50 PM	08/18/14-12/12/14	CC 338	Bevell Hull M	35 of 35
81063 002 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	GP 101	Hoare T	25 of 25
81069 003 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	CC 338	Hoare T	35 of 35
81071 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Robertson M	25 of 25
81072 351 ONLINE	-----	-	08/18/14-12/12/14	Online	Robertson M	25 of 25

### REL 120H - HON: Exploring World Religions

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/rel/#REL\\_120H\)](http://catalog.jccc.edu/fall/coursedescriptions/rel/#REL_120H)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81528 01H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## REL 125 - Religions of the East

Religions of the East is a detailed examination of the rich and diverse religious traditions of India, Tibet, China and Japan. Students will explore the histories, mutual influences, beliefs, and practices of Hinduism, Buddhism, the Jain religion, the Sikh religion, Confucianism, Daoism, the Tibetan religions, and Shinto, stressing the characteristics they share, as well as those that differentiate them from each other and from Western religions. Primary and secondary texts, as well as the iconographic and artistic traditions of these religions, will be examined as appropriate. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/rel/#REL\\_125](http://catalog.jccc.edu/fall/coursedescriptions/rel/#REL_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81074 001 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	CC 338	Stockton W	35 of 35

## REL 126 - Religions of the West

Religions of the West is a detailed examination of the rich and diverse religious traditions that originated in the ancient Near East (Judaism, Christianity, Islam), examples of indigenous traditions of Africa and North America, and examples of "alternative religions" of modern/contemporary Western culture. The student will explore the histories, cultural influences, beliefs and practices of these religions, stressing the characteristics that they share and those that differentiate them, both from one another and from the religious traditions of South and East Asian cultures. The primary texts, as well as the iconographic and artistic traditions of these religions, will be examined as appropriate. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/rel/#REL\\_126](http://catalog.jccc.edu/fall/coursedescriptions/rel/#REL_126))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81077 001 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	CC 338	MacArthur S	35 of 35

## Sociology

### SOC 122 - Introduction to Sociology

Introduction to Sociology introduces students to sociology, the "science of society," and its approach to human social life. The course shows students how sociologists conduct research, and it describes the basic concepts and theories sociologists use to explain the social world. 3 hrs. lecture/wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/soc/#SOC\\_122](http://catalog.jccc.edu/fall/coursedescriptions/soc/#SOC_122))

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
80832 001 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	GEB 375	Zale S	35 of 35
80833 002 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	GEB 240	Grinter B	35 of 35
80834 003 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	GEB 375	Zale S	35 of 35
80835 004 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	GEB 240	Divney J	35 of 35
80836 005 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	PA 145	Blobaum E	32 of 32
80837 006 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	GEB 375	Divney J	35 of 35
80838 007 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	GEB 342	Foster M	35 of 35
80839 008 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	GEB 375	Grinter B	35 of 35
80840 009 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	GEB 375	Divney J	35 of 35
80841 010 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	GEB 375	Dallman R	35 of 35
80842 011 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	GEB 375	Dallman R	35 of 35
80843 012 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	GP 101	Shafer S	25 of 25
80844 013 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	GEB 240	Divney J	35 of 35
80845 014 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	GEB 342	Zirkle B	35 of 35
80846 015 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	GEB 375	Dallman R	35 of 35
80847 016 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	GEB 375	Foster M	35 of 35
80848 017 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	GP 101	Shafer S	25 of 25
80849 018 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	GEB 375	Spence J	35 of 35
80850 019 F2F	M-W-F--	02:00-02:50 PM	08/18/14-12/12/14	GEB 375	Foster M	35 of 35
80851 020 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	GEB 375	Seiler C	35 of 35
80852 021 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	GEB 375	Seiler C	35 of 35
80853 022 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	GEB 375	Whitman L	35 of 35
80854 023 F2F	-----S-	01:00-03:50 PM	08/23/14-12/12/14	CC 126A	Whitman L	35 of 35
80855 201 F2F	M-W-F--	10:00-11:00 AM	09/03/14-12/12/14	🚗 KUE 225	Killeen J	35 of 35
80856 202 F2F	-T-R---	11:00-12:25 PM	09/02/14-12/12/14	🚗 KUE 225	Killeen J	35 of 35
80857 203 F2F	--W----	06:00-09:00 PM	09/03/14-12/12/14	🚗 OHEC 119	Grinter B	24 of 24
80858 204 F2F	---R---	06:00-09:00 PM	09/04/14-12/12/14	GEB 240	TBA	35 of 35
80860 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Ketter T	25 of 25
80861 351 ONLINE	-----	-	08/18/14-12/12/14	Online	Ketter T	25 of 25
80862 352 ONLINE	-----	-	08/18/14-12/12/14	Online	Ketter T	25 of 25
82233 353 ONLINE	-----	-	08/18/14-12/12/14	Online	Petrovic U	25 of 25
80863 426 SEL	-----	-	08/18/14-12/11/15		Grinter B	6 of 6

## SOC 122H - HON: Intro to Sociology

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/soc/#SOC\\_122H](http://catalog.jccc.edu/fall/coursedescriptions/soc/#SOC_122H))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81529 01H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval


## SOC 125 - Social Problems

Selected social problems will be analyzed. Problems associated with race, gender, class, deviance, crime and ecology will be examined as perennial issues in contemporary society. In addition, other topics will be analyzed as they arise or as the instructor and students determine them to be significant. The history and development of each problem, as well as possible solutions, will be examined from a variety of perspectives. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/soc/#SOC\\_125](http://catalog.jccc.edu/fall/coursedescriptions/soc/#SOC_125))

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
80864 001 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	GEB 240	Zirkle B	35 of 35
80865 002 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	GEB 240	Zirkle B	35 of 35
80866 003 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	GEB 240	Foster M	35 of 35
80867 004 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	GEB 375	Pant R	35 of 35
80868 005 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	GEB 342	Spence J	35 of 35
80869 006 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	GEB 240	Foster M	35 of 35
80870 007 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	GEB 240	Kuntz K	35 of 35
80871 201 F2F	M-W-F--	12:00-01:00 PM	09/03/14-12/12/14	 KUE 225	Pant R	35 of 35
80872 202 F2F	--W----	06:00-09:00 PM	09/03/14-12/12/14	GEB 240	Seiler C	35 of 35
80873 350 ONLNE	-----	-	08/18/14-12/12/14	Online	Petrovic U	25 of 25
80874 351 ONLNE	-----	-	08/18/14-12/12/14	Online	Petrovic U	25 of 25

## SOC 125H - HON: Social Problems

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/soc/#SOC\\_125H\)](http://catalog.jccc.edu/fall/coursedescriptions/soc/#SOC_125H)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81530 02H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## SOC 127 - Criminology

This class will explore various explanations for criminal behavior including choice, biosocial, psychological, social structure and social process theories. Society's responses to crime will also be examined. 3 hrs. lecture/wk. ADMJ 127 and SOC 127 are the same course. Do not enroll in both.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/soc/#SOC\\_127\)](http://catalog.jccc.edu/fall/coursedescriptions/soc/#SOC_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81829 001 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	PA 144	Divney J	24 of 24
Kansas Senate Bill SB 155						
81835 002 F2F	-T-R---	11:00-12:15 PM	08/18/14-12/12/14	PA 133	Galbrecht F	32 of 32
Kansas Senate Bill SB 155						
81838 003 F2F	-T-R---	12:30-01:50 PM	08/26/14-12/12/14	PA 133	Ladd G	32 of 32
Kansas Senate Bill SB 155						
82488 004 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	PA 145	Groves M	32 of 32
Kansas Senate Bill SB 155						
81840 350 ONLNE	-----	-	08/18/14-12/12/14	Online	Daniels M	25 of 25
Kansas Senate Bill SB 155						
81842 351 ONLNE	-----	-	08/18/14-12/12/14	Online	Groves M	25 of 25
Kansas Senate Bill SB 155						



## SOC 131 - Sociology of Families

This is a sociological examination of marriage and the family as a social institution. It will emphasize social theory, changing roles, family formation, socialization, domestic conflict, interaction among family members and marriage partners, and the role of marriage and the family in society. 3 hrs.lecture/wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/soc/#SOC\\_131\)](http://catalog.jccc.edu/fall/coursedescriptions/soc/#SOC_131)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
80875 001 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	GEB 342	Dallman R	35 of 35
80876 002 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CC 338	Dallman R	35 of 35
80878 004 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	GEB 240	Divney J	35 of 35
80879 005 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	GEB 240	Whitman L	35 of 35
80880 006 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	GEB 240	Pant R	35 of 35
82992 201 F2F	-T-----	06:00-09:00 PM	09/02/14-12/12/14	GP 101	Kyle P	25 of 25

### Veteran's Focus

Note: This section is reserved for members of the US military, veterans or their dependents. For permission to enroll, please call the Veteran Services Office at 913-469-8500 ext. 4981.

80881 350 ONLNE	-----	-	08/18/14-12/12/14	Online	Blobaum E	25 of 25
80882 351 ONLNE	-----	-	08/18/14-12/12/14	Online	Blobaum E	25 of 25

## SOC 146 - Introduction to Social Work and Social Welfare

This course will introduce the student to the profession of social work and to the history and development of social welfare and social service systems in the United States. This is a required introductory course in the sequence of study leading to a professional degree (BSW, MSW or DSW) in social work. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/soc/#SOC\\_146\)](http://catalog.jccc.edu/fall/coursedescriptions/soc/#SOC_146)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80883 001 F2F	---R---	02:00-04:50 PM	08/21/14-12/12/14	GEB 338	Vause C	35 of 35

## SOC 147 - Social Work and Social Justice

The history of social movements in the United States will be integrated into exploration of current economic, political, religious and psychosocial issues, at micro and macro practice levels, relevant to the professional practice of social work at the BSW or MSW level of practice. This course is designed to support the National Association of Social

Workers (NASW) Code of Ethics and Council of Social Work Education (CSWE) requirements for culturally competent practice. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/soc/#SOC\\_147](http://catalog.jccc.edu/fall/coursedescriptions/soc/#SOC_147))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80884 001 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	GEB 279	Vause C	32 of 32

## SOC 180 - Inequality and Diversity in The United States

In modern American society, the issue of diversity is increasingly and vigorously debated. Topics like race, gender, class, sexuality are ever-present in the media and in public discourse. But what does the word "diversity" actually mean, and why does it matter? In this course, students will explore issues of inequality and diversity with attention to how power structures shape and reproduce existing systems of stratification. The course will critically examine the historical and social developments in cultural diversity and the challenges of multiculturalism. By understanding the tensions created by the social dynamics of inequality and diversity, students can begin to identify the resulting implications for capitalism and democracy. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/soc/#SOC\\_180](http://catalog.jccc.edu/fall/coursedescriptions/soc/#SOC_180))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80885 001 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	GEB 240	Zrkle B	35 of 35

## SOC 205 - Sociology of Food

Through this exploration of food in society, students will discover the fundamental significance of the relationships between people and food. In studying the ways food is produced and consumed, we will also discover the ways food shapes and expresses relationships among people. This most basic of human needs is easily taken for granted by those who have plenty, while the causes of hunger are easily dismissed or misunderstood. This course will address such misunderstandings, as well as issues of culture, meaning, identity, power, and ecology, all through a focus on food. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/soc/#SOC\\_205](http://catalog.jccc.edu/fall/coursedescriptions/soc/#SOC_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80886 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Shafer S	25 of 25

## Speech/Debate

## SPD 120 - Interpersonal Communication


This course focuses on the principles of effective speech communication in small group and one-to-one relationships. Theory and practice of interpersonal communication are studied and applied to a variety of life situations. The course focuses on perception, self-concept, listening, conflict, language, nonverbal communication and culture as they relate to interpersonal relationships. 3 hrs.lecture/wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 3

Associated Costs: \$5 to 10

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/spd/#SPD\\_120](http://catalog.jccc.edu/fall/coursedescriptions/spd/#SPD_120))

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
82523 001 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	CC 331	Sewell E	25 of 25
82524 002 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CC 331	Sewell E	25 of 25
82525 003 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CC 332	Vasquez A	25 of 25
82526 004 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CC 332	Vasquez A	25 of 25
82527 005 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CC 332	Vasquez A	25 of 25
82528 006 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	CC 332	Craig B	25 of 25
82529 007 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	CC 332	Craig B	25 of 25
82530 008 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	CC 332	Schrag C	25 of 25
82531 009 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CC 332	Buta C	25 of 25
82532 010 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CC 331	Fagan M	25 of 25
82533 011 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CC 332	Buta C	25 of 25
82534 012 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CC 331	Welsch L	25 of 25
82535 013 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CC 332	Helmick T	25 of 25
82536 014 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	CC 332	Buta C	25 of 25
82537 015 F2F	-T-R---	04:00-05:25 PM	09/02/14-12/12/14	CC 332	Kiser M	25 of 25
82538 016 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	CC 332	Gibbens M	25 of 25
82539 017 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	CC 332	Naeymi D	25 of 25
82540 018 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	CC 332	Naeymi D	25 of 25
82541 019 F2F	---R---	06:00-09:05 PM	09/04/14-12/12/14	 OHEC 105	Taveirne K	25 of 25
82542 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Anderson R	18 of 18

Note: SPD 120 350 is a completely online section; there are no campus meetings. Students will use D2L to access course materials, submit written work, participate in class discussion and communicate with the instructor and other students in the class. For more information, contact the instructor, Rebecca Anderson, at 913-469-8500, ext. 4108, or e-mail [randerso@jccc.edu](mailto:randerso@jccc.edu).

82543 351 ONLINE ----- - 08/18/14-12/12/14 Online Anderson R 18 of 18

Note: SPD 120 351 is a completely online section; there are no campus meetings. Students will use D2L to access course materials, submit written work, participate in class discussion and communicate with the instructor and other students in the class. For more information, contact the instructor, Rebecca Anderson, at 913-469-8500, ext. 4108, or e-mail [randerso@jccc.edu](mailto:randerso@jccc.edu).

82544 352 ONLINE ----- - 08/18/14-12/12/14 Online Anderson R 18 of 18

Note: SPD 120 352 is a completely online section; there are no campus meetings. Students will use D2L to access course materials, submit written work, participate in class discussion and communicate with the instructor and other students in the class. For more information, contact the instructor, Rebecca Anderson, at 913-469-8500, ext. 4108, or e-mail [randerso@jccc.edu](mailto:randerso@jccc.edu).

82545 353 ONLINE ----- - 08/18/14-12/12/14 Online Welsch L 18 of 18

Note: SPD 120 353 is a completely online section; there are no campus meetings. Students will use D2L to access course materials, submit written work, participate in class discussion and communicate with the instructor and other students in the class. There are specific deadlines for the course. The course is not self-paced. For more information, contact the instructor, Lindsey Welsch, at 913-469-8500, ext. 5323, or e-mail [lwelsch@jccc.edu](mailto:lwelsch@jccc.edu).

## SPD 120H - HON: Interpersonal Communicat.

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/spd/#SPD\\_120H\)](http://catalog.jccc.edu/fall/coursedescriptions/spd/#SPD_120H)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81531 01HF2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## SPD 121 - Public Speaking

This course is designed to meet the needs of people who wish to improve their ability to prepare and deliver effective oral presentations before an audience. This fundamental speech course emphasizes creation of ideas, research techniques, outlining, audience analysis, organization and delivery techniques. Students will deliver a variety of speech types including informative and persuasive. 3 hrs. lecture/wk.

Credit Hours: 3




Associated Costs: \$5 to 10

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/spd/#SPD\\_121\)](http://catalog.jccc.edu/fall/coursedescriptions/spd/#SPD_121)

[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82547 001 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	CC 216	Mohr M	20 of 20

82548	002 F2F	M-W-F--	08:00-08:50 AM	08/18/14-12/12/14	CC 325	Ellsworth E	20 of 20
82549	003 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CC 216	Mohr M	20 of 20
82550	004 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CC 325	Ellsworth E	20 of 20
82551	005 F2F	M-W-F--	09:00-09:50 AM	08/18/14-12/12/14	CC 312	Rose S	20 of 20
82552	006 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CC 216	Mohr M	20 of 20
82553	007 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CC 325	Ellsworth E	20 of 20
82554	008 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	CC 331	Sewell E	20 of 20
82555	009 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CC 331	Craig B	20 of 20
82556	010 F2F	M-W-F--	11:00-11:50 AM	08/18/14-12/12/14	CC 325	Rose S	20 of 20
82557	011 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	CC 325	Rose S	20 of 20
82558	012 F2F	M-W-F--	12:00-12:50 PM	08/18/14-12/12/14	CC 318	Hilton M	20 of 20
82559	013 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	CC 318	Hilton M	20 of 20
82560	014 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	CC 325	Cramer D	20 of 20
82561	015 F2F	M-W-F--	01:00-01:50 PM	08/18/14-12/12/14	CC 331	Mayo S	20 of 20
82562	016 F2F	M-W-F--	02:00-02:50 PM	08/18/14-12/12/14	CC 331	Mayo S	20 of 20
82563	017 F2F	M-W-F--	03:00-03:50 PM	08/18/14-12/12/14	CC 331	Mayo S	20 of 20
82564	018 F2F	M-W----	11:00-12:15 PM	08/18/14-12/12/14	CC 216	Helmick T	20 of 20
82565	019 F2F	M-W----	12:30-01:45 PM	08/18/14-12/12/14	CC 216	Helmick T	20 of 20
82566	020 F2F	--W-F--	10:00-11:15 AM	08/20/14-12/12/14	CC 312	Coupe K	20 of 20
82567	021 F2F	--W-F--	11:30-12:45 PM	08/20/14-12/12/14	CC 312	Coupe K	20 of 20
82568	022 F2F	--W-F--	01:00-02:15 PM	08/20/14-12/12/14	CC 312	Coupe K	20 of 20
82570	023 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	CC 331	Fagan M	20 of 20
82571	024 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	CC 325	Luongo J	20 of 20
82572	025 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CC 216	Stanley J	20 of 20
82573	026 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CC 312	Stout D	20 of 20
82575	027 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CC 318	Schrag C	20 of 20
82576	028 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CC 325	Luongo J	20 of 20
82577	029 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CC 216	Stanley J	20 of 20
82578	030 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CC 318	Schrag C	20 of 20
82579	031 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CC 325	Broxterman P	20 of 20
82580	032 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CC 312	Stout D	20 of 20
82581	033 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CC 325	Broxterman P	20 of 20
82582	034 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CC 216	Luongo J	20 of 20
82583	035 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	CC 312	Stout D	20 of 20

82584	036 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	CC 318	Young M	20 of 20
82585	037 F2F	-T-R---	04:30-05:45 PM	08/19/14-12/12/14	CC 318	Geiger W	20 of 20
82586	038 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	CC 325	Heapes T	20 of 20
82587	039 F2F	M-----	06:00-08:50 PM	08/18/14-12/12/14	CC 216	Naeymi D	20 of 20
82588	040 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	CC 331	Schaefer M	20 of 20
82589	041 F2F	-T-----	06:00-09:05 PM	09/02/14-12/12/14	CC 216	Rose T	20 of 20
82590	042 F2F	-T-----	06:00-09:05 PM	09/02/14-12/12/14	 KCO	Hilton M	20 of 20
82591	043 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	CC 331	Patrick B	20 of 20
82592	044 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	CC 325	Kiser M	20 of 20
82593	045 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	CC 331	Schaefer M	20 of 20
82594	046 F2F	---R---	06:00-08:50 PM	08/21/14-12/12/14	CC 318	Geiger W	20 of 20
82595	047 F2F	---R---	06:00-09:05 PM	09/04/14-12/12/14	 DSH 410	Rose T	20 of 20
82596	048 F2F	----S-	09:00-11:50 AM	08/23/14-12/12/14	CC 331	Schaefer M	20 of 20
82597	049 F2F	-----U	12:00-02:50 PM	08/24/14-12/12/14	 OHEC 105	Ayers J	20 of 20
82605	376 HYB	-----	-	08/18/14-10/20/14	Online	Anderson R	15 of 15
		M-----	10:00-12:50 PM	09/22/14-09/22/14	CC 312		
		M-----	10:00-12:50 PM	09/29/14-09/29/14	CC 312		
		M-----	10:00-12:50 PM	10/06/14-10/06/14	CC 312		
		M-----	10:00-12:50 PM	10/13/14-10/13/14	CC 312		

Note: SPD 121 376 will incorporate the same content and expectations as the traditional on-campus public speaking course. This is an accelerated, hybrid online course in which students will use D2L to complete assignments, quizzes and communication functions. The course is an eight week accelerated section which begins August 18th when the online course will be made available through D2L. Online assignments and quizzes will be due the first week of class so students must log on immediately after the course becomes available. There are four required class meetings. The course ends on October 20th. For more information, contact the instructor, Rebecca Anderson, at randerso@jccc.edu or 913/469-8500, ext. 4108.

82606	377 HYB	-----	-	09/15/14-11/16/14	Online	Anderson R	15 of 15
		M-----	10:00-12:50 PM	10/20/14-10/20/14	CC 312		
		M-----	10:00-12:50 PM	10/27/14-10/27/14	CC 312		
		M-----	10:00-12:50 PM	11/03/14-11/03/14	CC 312		
		M-----	10:00-12:50 PM	11/10/14-11/10/14	CC 312		

Note: SPD 121 377 will incorporate the same content and expectations as the traditional on-campus public speaking course. This is an accelerated, hybrid online course in which students will use D2L to complete assignments, quizzes and communication functions. The course is an eight week accelerated section which begins September 15th when the online course will be made available through D2L. Online assignments and quizzes will be due the first week of class so students must log on immediately after the course becomes available. There are four required class meetings. The course ends on November 16th. For more information, contact the instructor, Rebecca Anderson, at randerso@jccc.edu or 913/469-8500, ext. 4108.

82608	378 HYB	-----	-	08/18/14-12/12/14	Online	Miller D	15 of 15
		-T-----	03:00-05:50 PM	09/16/14-09/16/14	CC 216		

-T----- 03:00-05:50 PM 10/07/14-10/07/14 CC 216

-T----- 03:00-05:50 PM 10/28/14-10/28/14 CC 216

-T----- 03:00-05:50 PM 11/18/14-11/18/14 CC 216

Note: SPD 121 378 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use D2L to complete written assignments, testing and to communicate with the instructor and fellow students. In addition, attendance at four on-campus sessions to deliver speeches to fellow students and the instructor is required. A letter with more explanation will be sent, via JCCC stumail, to students approximately one week before the first day of class. For more information, contact the instructor, Deana Miller, at 913-469-8500, ext. 4522, or at demiller@jccc.edu.

82611 379 HYB ----- - 08/18/14-12/12/14 Online Miller D 15 of 15

-T----- 03:00-05:50 PM 09/23/14-09/23/14 CC 216

-T----- 03:00-05:50 PM 10/14/14-10/14/14 CC 216

-T----- 03:00-05:50 PM 11/04/14-11/04/14 CC 216

-T----- 03:00-05:50 PM 11/25/14-11/25/14 CC 216

Note: SPD 121 379 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use D2L to complete written assignments, testing and to communicate with the instructor and fellow students. In addition, attendance at four on-campus sessions to deliver speeches to fellow students and the instructor is required. A letter with more explanation will be sent, via JCCC stumail, to students approximately one week before the first day of class. For more information, contact the instructor, Deana Miller, at 913-469-8500, ext. 4522, or at demiller@jccc.edu.

82614 380 HYB ----- - 08/18/14-12/12/14 Online Miller D 15 of 15

-T----- 03:00-05:50 PM 09/30/14-09/30/14 CC 216

-T----- 03:00-05:50 PM 10/21/14-10/21/14 CC 216

-T----- 03:00-05:50 PM 11/11/14-11/11/14 CC 216

-T----- 03:00-05:50 PM 12/02/14-12/02/14 CC 216

Note: SPD 121 380 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use D2L to complete written assignments, testing and to communicate with the instructor and fellow students. In addition, attendance at four on-campus sessions to deliver speeches to fellow students and the instructor is required. A letter with more explanation will be sent, via JCCC stumail, to students approximately one week before the first day of class. For more information, contact the instructor, Deana Miller, at 913-469-8500, ext. 4522, or at demiller@jccc.edu.

82615 382 HYB ----- - 08/18/14-12/12/14 Online Young M 15 of 15

--W---- 06:00-08:50 PM 09/24/14-09/24/14 CC 318

--W---- 06:00-08:50 PM 10/22/14-10/22/14 CC 318

--W---- 06:00-08:50 PM 11/12/14-11/12/14 CC 318

--W---- 06:00-08:50 PM 12/03/14-12/03/14 CC 318

Note: SPD 121 382 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use D2L to complete written assignments, testing and to communicate with the instructor and fellow students. In addition, attendance at four on-campus sessions to deliver speeches to fellow students and the instructor is required. Details will be sent to stumail account a week prior to class. Course will be available on D2L the first day of class. For more information, contact the instructor, Myra Young, at 913-469-8500, ext. 4128, or at myoung@jccc.edu.

82617 383 HYB ----- - 08/18/14-12/12/14 Online Cramer D 15 of 15

---R---	03:00-05:50 PM	09/18/14-09/18/14	CC 325
---R---	03:00-05:50 PM	10/09/14-10/09/14	CC 325
---R---	03:00-05:50 PM	10/30/14-10/30/14	CC 325
---R---	03:00-05:50 PM	11/20/14-11/20/14	CC 325

Note: SPD 121 383 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use D2L to complete written assignments, testing and to communicate with the instructor and fellow students. In addition, attendance at four on-campus sessions to deliver speeches to fellow students and the instructor is required. A letter with more explanation will be sent, via JCCC stumail, to students approximately one week before the first day of class. For more information, contact the instructor, Dan Cramer, at 913-469-8500, ext. 5407, or at [dcramer2@jccc.edu](mailto:dcramer2@jccc.edu).

82618 384 HYB	-----	-	08/18/14-12/12/14	Online	Cramer D	15 of 15
---R---	03:00-05:50 PM	09/25/14-09/25/14	CC 325			
---R---	03:00-05:50 PM	10/16/14-10/16/14	CC 325			
---R---	03:00-05:50 PM	11/06/14-11/06/14	CC 325			
---R---	03:00-05:50 PM	12/04/14-12/04/14	CC 325			

Note: SPD 121 384 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use D2L to complete written assignments, testing and to communicate with the instructor and fellow students. In addition, attendance at four on-campus sessions to deliver speeches to fellow students and the instructor is required. A letter with more explanation will be sent, via JCCC stumail, to students approximately one week before the first day of class. For more information, contact the instructor, Dan Cramer, at 913-469-8500, ext. 5407, or at [dcramer2@jccc.edu](mailto:dcramer2@jccc.edu).

82619 385 HYB	-----	-	09/02/14-12/12/14	Online	Easley T	15 of 15
----S-	09:00-11:50 AM	10/04/14-10/04/14	CC 325			
----S-	09:00-11:50 AM	10/25/14-10/25/14	CC 325			
----S-	09:00-11:50 AM	11/15/14-11/15/14	CC 325			
----S-	09:00-11:50 AM	12/06/14-12/06/14	CC 325			

Note: SPD 121 385 will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, students will use D2L to complete assignments, quizzes and communication functions. Students will also attend four required on-campus class meetings to present their speeches. Since this is a late-start class the course will be available in D2L on the first day of class, September 2, 2014.

82620 386 HYB	-----	-	09/02/14-12/12/14	Online	Easley T	15 of 15
----S-	01:00-03:50 PM	10/04/14-10/04/14	CC 325			
----S-	01:00-03:50 PM	10/25/14-10/25/14	CC 325			
----S-	01:00-03:50 PM	11/15/14-11/15/14	CC 325			
----S-	01:00-03:50 PM	12/06/14-12/06/14	CC 325			

Note: SPD 121 386 will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, students will use D2L to complete assignments, quizzes and communication functions. Students will also attend four required on-campus class meetings to present their speeches. Since this is a late-start class the course will be available in D2L on the first day of class, September 2, 2014.

## SPD 125 - Personal Communication



This course is concerned with the most frequently used human communication skills, interpersonal communication and public speaking. The course demonstrates the natural relationships between communicating one-to-one and in public, showing that skills in one can be employed in the other and giving practice in both. Focus is on communication theory, listening, concepts of self, language, research techniques, perception and various types of public speaking, such as impromptu, group panel, informative and persuasive. 3 hrs.lecture/wk.

Credit Hours: 3

Associated Costs: \$5 to 10

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/spd/#SPD\\_125\)](http://catalog.jccc.edu/fall/coursedescriptions/spd/#SPD_125)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
82621 001 F2F	M-W-F--	02:00-02:50 PM	08/18/14-12/12/14	CC 325	Wichman T	22 of 22
82622 002 F2F	M-W-F--	03:00-03:50 PM	08/18/14-12/12/14	CC 325	Wichman T	22 of 22
82623 003 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CC 331	Koesten C	22 of 22
82624 004 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	CC 331	Koesten C	22 of 22

## SPD 125H - HON: Personal Communication

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/spd/#SPD\\_125H\)](http://catalog.jccc.edu/fall/coursedescriptions/spd/#SPD_125H)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81532 02H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## SPD 130 - Elementary Debate

This course is designed for those students interested in participating in competitive intercollegiate debate. Through the course, students will learn debate theory, debate skills and techniques, and methods of becoming successful intercollegiate competitors. Students are expected to travel to tournaments in order to develop skills in research, argument construction, debate format, intercollegiate debate speaking style and refutation. Students enrolling in this course will be required to participate as members of the intercollegiate debate team and will attend an appropriate number of weekend intercollegiate debate tournaments a semester. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/spd/#SPD\\_130\)](http://catalog.jccc.edu/fall/coursedescriptions/spd/#SPD_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82625 001 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	CC 216	Stanley J Stout D	25 of 25

## SPD 132 - Intermediate Debate I

This course is designed for those students interested in participating in competitive intercollegiate debate. Through the course, students will learn debate theory, debate skills and techniques, and methods of becoming successful intercollegiate competitors. Students are expected to travel to tournaments in order to develop skills in research, argument construction, debate format, intercollegiate debate speaking style and refutation. Students enrolling in this course will be required to participate as members of the intercollegiate debate team and will attend an appropriate number of weekend intercollegiate debate tournaments a semester. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: SPD 130 or the equivalent

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/spd/#SPD\\_132\)](http://catalog.jccc.edu/fall/coursedescriptions/spd/#SPD_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82626 001 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	CC 216	Stanley J Stout D	25 of 25

## SPD 180 - Intercultural Communication

The intercultural communication course is concerned with communication theory as it relates to cross-culture interactions. This course utilizes concepts drawn from sociology, psychology, anthropology and communication. Focus is on identifying the cultural bases of beliefs, attitudes, values and behaviors. Objectives include recognizing commonalities across cultures, tolerating ambiguity in a variety of situations, developing a more global multicultural perspective, identifying and appreciating other cultural orientations, and recognizing and assigning cultural explanations to specific behaviors. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$5 to 10

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/spd/#SPD\\_180\)](http://catalog.jccc.edu/fall/coursedescriptions/spd/#SPD_180)

[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82991 001 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	ATB 131	Welsch L	25 of 25
82630 350 ONLINE	-----	-	08/18/14-12/12/14	Online	Miller D	18 of 18

Note: Intercultural Communication is an online course that incorporates the same content and expectations as the traditional on-campus course. It is not a self-paced course. Students should be actively engaged in the class and should expect to be online at least 2-3 times a week. Students should be

self-motivated, able to manage time effectively and computer literate. If you are not familiar with D2L, attendance at one of the Distance Learning orientation sessions is highly recommended.

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82632	351	ONLINE	-----	-	08/18/14-12/12/14	Online	Miller D	18 of 18
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Note: Intercultural Communication is an online course that incorporates the same content and expectations as the traditional on-campus course. It is not a self-paced course. Students should be actively engaged in the class and should expect to be online at least 2-3 times a week. Students should be self-motivated, able to manage time effectively and computer literate. If you are not familiar with D2L, attendance at one of the Distance Learning orientation sessions is highly recommended.

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82635	352	ONLINE	-----	-	09/02/14-12/12/14	Online	Easley T	15 of 15
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Note: This Intercultural Communication course is an online course that incorporates the same content and expectations as the traditional on-campus course. Since this course will use D2L students should be actively engaged in the class and should expect to be online at least 2-3 times a week. Students should be self-motivated, able to manage time effectively and computer literate. This is a late-start class so the course will be available in D2L on the first day of class, September 2, 2014.

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82633	353	ONLINE	-----	-	08/18/14-12/12/14	Online	Gibbens M	18 of 18
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Note: For more information, contact the instructor, Meridith Gibbens at [mgibbens@jccc.edu](mailto:mgibbens@jccc.edu).

## SPD 180H - HON: Intercultural Communicat.

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

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Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/spd/#SPD\\_180H](http://catalog.jccc.edu/fall/coursedescriptions/spd/#SPD_180H))

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CRN	Days	Time	Date	Location	Instructor	Seats Open	
81533	03H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## SPD 230 - Intermediate Debate II

This course is designed for students interested in participating in competitive intercollegiate debate. Through the course, students will learn debate theory, debate skills and techniques, and methods of becoming successful intercollegiate competitors. Students are expected to travel to tournaments in order to develop skills in research, argument construction, debate format, intercollegiate debate speaking style and refutation. Students enrolling in this course will be required to participate as members of the intercollegiate debate team and will attend an appropriate number of weekend intercollegiate debate tournaments a semester. 3 hrs. lecture/wk.

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Credit Hours: 3

Prerequisite: SPD 132 or equivalent course

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/spd/#SPD\\_230](http://catalog.jccc.edu/fall/coursedescriptions/spd/#SPD_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82636 001 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	CC 216	Stanley J Stout D	25 of 25

## SPD 235 - Advanced Debate

This course is designed for students interested in participating in competitive intercollegiate debate. Through the course, students will learn debate theory, debate skills and techniques, and methods of becoming successful intercollegiate competitors. Students are expected to travel to tournaments in order to develop skills in research, argument construction, debate format, intercollegiate debate speaking style and refutation will be developed. Students enrolling in this course will be required to participate as members of the intercollegiate debate team and will attend an appropriate number of weekend intercollegiate debate tournaments a semester. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: SPD 230 or equivalent course

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/spd/#SPD\\_235](http://catalog.jccc.edu/fall/coursedescriptions/spd/#SPD_235))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82638 001 F2F	--W----	06:00-08:50 PM	08/20/14-12/12/14	CC 216	Stanley J Stout D	25 of 25

## SPD 292 - Special Topics:

This course periodically offers specialized or advanced discipline-specific content related to the study of communication not usually taught in the curriculum. This course may expand upon a topic introduced in a current course, synthesize topics that span across existing courses, or explore a topic not currently addressed in the Speech & Debate curriculum. Students may repeat Special Topics in Communication Studies for credit, but only on different topics.

Credit Hours: 3

Prerequisite: Department approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/spd/#SPD\\_292](http://catalog.jccc.edu/fall/coursedescriptions/spd/#SPD_292))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82643 001 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CC 229	Helmick T	20 of 20

Special Topics: Nonverbal Communication

## Theater

## THEA 120 - Introduction to Theater

Students will be introduced to a variety of theatrical experiences, read great plays and see live theater presentations. They also will discuss theater practices, dramatic literature and the history of the theater. Includes required shop hours. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/thea/#THEA\\_120\)](http://catalog.jccc.edu/fall/coursedescriptions/thea/#THEA_120)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
80642 001 F2F	M-W-F--	10:00-10:50 AM	08/18/14-12/12/14	GEB 342	Noble T	35 of 35
80643 002 F2F	-T-R---	08:00-09:15 AM	08/19/14-12/12/14	GEB 342	Lane J	35 of 35
80644 003 F2F	-T-----	06:00-08:50 PM	08/19/14-12/12/14	GEB 342	TBA	35 of 35
80645 004 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	GEB 342	Philip S	35 of 35
80646 005 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	GEB 342	Philip S	35 of 35
80647 350 ONLNE	-----	-	08/18/14-12/12/14	Online	Vogel K	25 of 25

## THEA 121 - Fundamentals of Acting

This course is designed to teach the fundamentals of acting for those students who have little or no experience in the theatre. We will overview all the tools used by actors, including improvisation, vocal, physical, and psychological warm-ups, building trust, relaxation, and discipline techniques. Students will complete a minimum of two in-class performances. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/thea/#THEA\\_121\)](http://catalog.jccc.edu/fall/coursedescriptions/thea/#THEA_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80648 001 F2F	M-W----	12:00-01:15 PM	08/18/14-12/12/14	CC BLBOX	Pettigrew B	15 of 15
80649 002 F2F	-T-R---	12:30-01:45 PM	08/19/14-12/12/14	CC BLBOX	Noble T	15 of 15
80650 003 F2F	-T-R---	09:30-10:45 AM	08/19/14-12/12/14	CC BLBOX	Pettigrew B	15 of 15

## THEA 121H - HON: Fundamentals of Acting

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/thea/#THEA\\_121H](http://catalog.jccc.edu/fall/coursedescriptions/thea/#THEA_121H))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81534 01H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## THEA 123 - Improvisation for the Theater

The student will be introduced to theater improvisation, which will emphasize creative stage activities not requiring a written script. Participation in activities of this course will release and enhance the work of serious acting students and show the students how to approach characterization viscerally rather than intellectually, spontaneously rather than intentionally. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: THEA 130

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/thea/#THEA\\_123](http://catalog.jccc.edu/fall/coursedescriptions/thea/#THEA_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80651 001 F2F	----F--	11:00-12:50 PM	08/22/14-12/12/14	CC BLBOX	Noble T	15 of 15

## THEA 130 - Acting I

This course will expand on the skills learned in Fundamentals of Acting and will concentrate on developing scene work. Emphasis will be on discovering and expanding creative potential through exercises in self-awareness, posture, movement, voice and personality projection. Students will complete a minimum of three in-class performances. 3 hrs. lecture/wk. plus rehearsals and performances.

Credit Hours: 3

Prerequisite: THEA 121 or permission of instructor

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/thea/#THEA\\_130](http://catalog.jccc.edu/fall/coursedescriptions/thea/#THEA_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80652 001 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CC BLBOX	Pettigrew B	20 of 20

## THEA 130H - HON: Acting I

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

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Credit Hours: 1

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/thea/#THEA\\_130H\)](http://catalog.jccc.edu/fall/coursedescriptions/thea/#THEA_130H)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81535 02H F2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval

## THEA 131 - Voice and Speech

The student will develop techniques to expand breath support, vocal range and dynamics; learn precise articulation; and strengthen the connection between thought and sound. Through the use of exercises to free, develop and strengthen the voice, the student will be better able to communicate the full range of human emotion and all the nuances of thought. Skills acquired in this course are essential for actors, broadcast journalists, educators and other public speakers. 3 hrs. lecture/wk. This course is typically taught in the fall semester.

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Credit Hours: 3

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/thea/#THEA\\_131\)](http://catalog.jccc.edu/fall/coursedescriptions/thea/#THEA_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80653 001 F2F	M-W----	09:00-10:15 AM	08/18/14-12/12/14	CC BLBOX	Paulette C	15 of 15

## THEA 133 - Technical Practicum I

Students gain practical experience in technical theater in this course. The student completes the course objectives by working in the theatre department's productions and/or working in the scene/costume shop during the semester. 2 hrs. lab/wk.

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Credit Hours: 1

[Outline \(http://catalog.jccc.edu/fall/coursedescriptions/thea/#THEA\\_133\)](http://catalog.jccc.edu/fall/coursedescriptions/thea/#THEA_133)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80654 500 INT	-----	-	08/18/14-12/12/14		Barnett P	3 of 3

Requirement: Department approval

## THEA 140 - Basic Stagecraft

This course introduces the general student and theater major to basic stagecraft. Through lectures, in-class demonstrations and hands-on experiences, the student will gain a working and appreciative knowledge of technical theater. The course includes 15 lab hours and attendance at two live theatrical productions. 2 hrs. lecture, 2 hrs. lab/wk. This course is typically offered in the fall semester.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/thea/#THEA\\_140](http://catalog.jccc.edu/fall/coursedescriptions/thea/#THEA_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80655 001 F2F	-T-R---	11:00-12:15 PM	08/19/14-12/12/14	CC 229	Barnett P	15 of 15

## THEA 209 - Script Analysis

Script Analysis introduces students to those methods used in the theater for the study and/or analysis of plays. Directors, actors and designers use script analysis during their preparatory work and then continue to use it through the rehearsal process until, and sometimes even after, the production has finished. This course is of value to the student because it focuses on the crucial elements of a play encountered during the production process including dramatic structure, content and meaning. 3 hrs. lecture/wk. This course is typically offered in the fall semester only.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/thea/#THEA\\_209](http://catalog.jccc.edu/fall/coursedescriptions/thea/#THEA_209))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80656 001 F2F	-T-R---	02:00-03:15 PM	08/19/14-12/12/14	CC 229	Noble T	15 of 15

## THEA 230H - HON: Acting II

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/thea/#THEA\\_230H](http://catalog.jccc.edu/fall/coursedescriptions/thea/#THEA_230H))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81536 03HF2F	-----	-	08/18/14-12/12/14	COM 201	TBA	3 of 3

Requirement: Department approval



## THEA 233 - Technical Practicum II

Students gain practical experience in technical theater in this course. The student completes the course objectives by working on the theatre department's productions and/or working in the scene/costume shop during the semester. 4 hrs.lab/wk.

Credit Hours: 1

Prerequisite: THEA 133

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/thea/#THEA\\_233](http://catalog.jccc.edu/fall/coursedescriptions/thea/#THEA_233))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80657 500 INT	-----	-	08/18/14-12/12/14		Barnett P	3 of 3

Requirement: Department approval

## THEA 292 - Special Topics:

This course periodically offers specialized or advanced discipline-specific content related to performance, technical theatre, and design not normally taught in the curriculum, to interested and qualified students within the program. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: Instructor approval

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/thea/#THEA\\_292](http://catalog.jccc.edu/fall/coursedescriptions/thea/#THEA_292))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80658 001 F2F	----S-	09:00-11:50 AM	08/23/14-12/12/14	CC BLBOX	TBA	20 of 20

Special Topics: Business of Acting

Note: To obtain department approval, e-mail Beate Pettigrew . [bpettigr@jccc.edu](mailto:bpettigr@jccc.edu) (please include your JCCC student ID number)

Requirement: Department approval

80659 002 F2F	M-W----	10:30-11:45 AM	08/18/14-12/12/14	CC BLBOX	Paulette C	20 of 20
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Special Topics: Alexander Technique

Note: To obtain department approval, e-mail Cinnamon Paulette. [cpaulette@jccc.edu](mailto:cpaulette@jccc.edu) (please include your JCCC student ID number)

Requirement: Department approval

## Women and Gender Studies

### WGS 201 - Global Women's Studies

The course is intended to increase student understanding of the history and experiences of women. It principally focuses on the ways in which gender interacts with race/ ethnicity, social class, sexual orientation, religion, age, nationality and other cultural identities to create differences and similarities in gendered lives. Students will critically

examine and compare through a multidisciplinary approach the voices and experiences of women representing both domestic and global diversities. Selected topics may include: gender socialization; the female body and the sociopolitical context of reproduction, body image, appearance and of sexuality; similarities and differences between the genders; marriage and the family; work roles, inequalities and the global economy; health issues; violence against and by women; women in religion and politics; and, an historical and contemporary look at global feminism. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/fall/coursedescriptions/wgs/#WGS\\_201](http://catalog.jccc.edu/fall/coursedescriptions/wgs/#WGS_201))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81776 001 F2F	--W----	04:00-06:50 PM	08/20/14-12/12/14	OCB 144	Klinger T	26 of 26

Live Chat (<http://www.jccc.edu/successcenter/im-success-center.html>)

## Featured Searches

- Online Classes ([/student/ClassSearch/class/results/term\\_type/Credit/section\\_status/OPEN/section\\_delivery\\_method/ONLNE?ecid=featured](/student/ClassSearch/class/results/term_type/Credit/section_status/OPEN/section_delivery_method/ONLNE?ecid=featured))
- Evening Classes ([/student/ClassSearch/class/results/term\\_type/Credit/section\\_status/OPEN/meeting\\_time\\_category/EVENING?ecid=featured](/student/ClassSearch/class/results/term_type/Credit/section_status/OPEN/meeting_time_category/EVENING?ecid=featured))
- Classes Starting Soon ([/student/ClassSearch/class/results/term\\_type/Credit/section\\_status/OPEN?startDaysOut=30&ecid=featured](/student/ClassSearch/class/results/term_type/Credit/section_status/OPEN?startDaysOut=30&ecid=featured))
- Kansas State Bill 155 Classes ([/student/ClassSearch/class/results/term\\_type/Credit?query=keywords%3As155&ecid=featured](/student/ClassSearch/class/results/term_type/Credit?query=keywords%3As155&ecid=featured)) New

## Resources for Credit Students

- Steps to enroll (<http://www.jccc.edu/enroll/credit-steps>)
- Academic calendar (<http://www.jccc.edu/calendars>)
- Course catalog (<http://catalog.jccc.edu>)
- Archived course schedules (<http://www.jccc.edu/enroll/archived-course-schedules.html>)

## Need help?

Please call the Success Center at 913-469-3803 (tel:9134693803) for assistance.