

Credit Spring 2015

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Note! Early enrollment for spring graduates is Oct. 20-22 at 8 a.m. Open enrollment for all other students begins on Oct. 22 at 9 p.m. on the Web. Enrollment for CNA (AVHO 102) courses begins on Oct. 24 at 8 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/spring/coursedescriptions/aac/#AAC_100)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10604 001 IND	-----	-	01/20/15-05/22/15	OCB 304	Merritt J	50 of 50
10611 002 IND	-----	-	03/24/15-05/14/15	OCB 304	Merritt J	50 of 50

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/spring/coursedescriptions/aac/#AAC_101)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11491 001 F2F	---R---	10:00-12:15 PM	02/05/15-03/12/15	RC 185	Faculty	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/spring/coursedescriptions/aac/#AAC_102)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10612 001 IND	-----	-	01/20/15-05/22/15	OCB 304	Merritt J	100 of 100
10613 002 IND	-----	-	02/03/15-05/22/15	OCB 304	Merritt J	40 of 40

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/spring/coursedescriptions/aac/#AAC_106)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10614 001 IND	-----	-	01/20/15-05/22/15	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/spring/coursedescriptions/aac/#AAC_112)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10615 001 IND	-----	-	01/20/15-05/22/15	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/spring/coursedescriptions/aac/#AAC_113)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10616 001 IND	-----	-	01/20/15-05/22/15	OCB 304	Merritt J	50 of 50

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 \(http://catalog.jccc.edu/spring/coursedescriptions/aac#AAC_114\)](http://catalog.jccc.edu/spring/coursedescriptions/aac#AAC_114)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10618 001 IND	-----	-	01/20/15-05/22/15	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 \(http://catalog.jccc.edu/spring/coursedescriptions/aac#AAC_120\)](http://catalog.jccc.edu/spring/coursedescriptions/aac#AAC_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10622 001 IND	-----	-	01/20/15-05/22/15	OCB 304	Merritt J	50 of 50
10625 002 IND	-----	-	02/17/15-05/14/15	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 \(http://catalog.jccc.edu/spring/coursedescriptions/aac#AAC_125\)](http://catalog.jccc.edu/spring/coursedescriptions/aac#AAC_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10801 350 ONLNE	-----	-	02/02/15-05/22/15	Online	Hanyasz S	20 of 20


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/spring/coursedescriptions/aac/#AAC_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10804 001 F2F	-T-R--	11:00-12:15 PM	01/20/15-05/22/15	SCI 120	Frigault R	24 of 24
10807 002 F2F	-T-----	06:00-08:55 PM	02/03/15-05/22/15	 LCS	Stevens L	16 of 16
10808 003 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	GP 101	Belk P	24 of 24

AAC 150 - Job Search Skills

This class presents the skills students need to conduct an effective job search, including locating job leads, writing resumes, employment interviewing and job correspondence. Additionally, students will explore the importance of adapting to changes in the workplace to ensure their job survival and success. The class consists of lectures, activities, discussion and exercises in the career planning and job search process.

Note: AAC 150 does not meet in LIB 227; the sections have an individual meeting time and room location.

Credit Hours: 1

Outline (http://catalog.jccc.edu/spring/coursedescriptions/aac/#AAC_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12393 001 F2F	----F--	09:00-12:30 PM	03/13/15-03/13/15	GEB 215	Goben B	20 of 20
	----F--	09:00-12:30 PM	04/03/15-04/03/15	GEB 215		
	----F--	09:00-12:30 PM	04/24/15-04/24/15	GEB 215		
	----F--	09:00-12:30 PM	05/08/15-05/08/15	GEB 215		

Note: This section is reserved for students who have been accepted into the Interpreter Training Program.

Requirement: Department approval

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/spring/coursedescriptions/acct/#ACCT_109)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11107 350 ONLNE	-----	-	03/02/15-04/06/15	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/spring/coursedescriptions/acct/#ACCT_111)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11109 001 F2F	---R---	06:00-08:50 PM	01/22/15-05/22/15	GEB 363	Faculty	20 of 20

Kansas Senate Bill SB 155

11110 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Farmer C	22 of 22
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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/spring/coursedescriptions/acct/#ACCT_121)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
11114 002 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	GEB 254	King A	30 of 30

Kansas Senate Bill SB 155

11118 003 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	GEB 363	Megarlis M	20 of 20
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Kansas Senate Bill SB 155

11120 004 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	GEB 254	King A	30 of 30
Kansas Senate Bill SB 155						
11116 005 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	GEB 254	Krug D	30 of 30
Kansas Senate Bill SB 155						
11122 006 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	GEB 254	Krug D	30 of 30
Kansas Senate Bill SB 155						
11125 007 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	GEB 254	Forbes H	30 of 30
Kansas Senate Bill SB 155						
11130 009 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	GEB 254	Kolich R	30 of 30
Kansas Senate Bill SB 155						
11132 010 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	GEB 254	King A	30 of 30
Kansas Senate Bill SB 155						
11134 011 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	GEB 254	Spoolstra A	30 of 30
Kansas Senate Bill SB 155						
11136 012 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	GEB 254	Spoolstra A	30 of 30
Kansas Senate Bill SB 155						
11139 013 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	GEB 254	Jones D	30 of 30
Kansas Senate Bill SB 155						
11141 015 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	GEB 254	Wright J	30 of 30
Kansas Senate Bill SB 155						
11143 016 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	GEB 254	Holbrook C	30 of 30
Kansas Senate Bill SB 155						
11253 018 F2F	-----S-	09:00-11:50 AM	01/24/15-05/22/15	GEB 254	Wayne A	30 of 30
Kansas Senate Bill SB 155						
11148 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Krug D	22 of 22
Kansas Senate Bill SB 155						
11149 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Kleiner S	22 of 22
Kansas Senate Bill SB 155						
11150 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Kleiner S	22 of 22
Kansas Senate Bill SB 155						
11151 353 ONLNE	-----	-	01/20/15-05/22/15	Online	McNeil K	22 of 22
Kansas Senate Bill SB 155						
11152 354 ONLNE	-----	-	01/20/15-05/22/15	Online	McNeil K	22 of 22
Kansas Senate Bill SB 155						
11154 355 ONLNE	-----	-	01/20/15-05/22/15	Online	Silverstein J	22 of 22
Kansas Senate Bill SB 155						

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 will be able to prepare and use financial statements with increased emphasis on interpretation and use of accounting data peculiar to partnerships, corporations and manufacturing companies. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ACCT 121 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/acct/#ACCT_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11196 001 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	GEB 256	Krug D	30 of 30
Kansas Senate Bill SB 155						
11197 002 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	GEB 256	Cordes S	30 of 30
Kansas Senate Bill SB 155						
11198 003 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	GEB 256	Fisher E	30 of 30
Kansas Senate Bill SB 155						
11199 004 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	GEB 256	Forbes H	30 of 30
Kansas Senate Bill SB 155						
11200 005 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CC 229	Cole L	24 of 24
Kansas Senate Bill SB 155						
11201 006 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	GEB 256	King A	30 of 30
Kansas Senate Bill SB 155						
11208 010 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	GEB 256	Smith H	30 of 30
Kansas Senate Bill SB 155						
11215 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Cole L	22 of 22
Kansas Senate Bill SB 155						
11221 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Cole L	22 of 22
Kansas Senate Bill SB 155						
11222 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Krug D	22 of 22
Kansas Senate Bill SB 155						
11223 353 ONLNE	-----	-	01/20/15-05/22/15	Online	Farmer C	22 of 22
Kansas Senate Bill SB 155						
11224 354 ONLNE	-----	-	03/23/15-05/17/15	Online	Cole L	22 of 22
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/spring/coursedescriptions/acct/#ACCT_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11225 001 F2F	--W----	06:00-08:50 PM	01/28/15-05/22/15	GEB 256	Spoolstra A	14 of 14
Kansas Senate Bill SB 155						
11226 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Spoolstra A	20 of 20
Kansas Senate Bill SB 155						
11227 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Spoolstra A	20 of 20
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/spring/coursedescriptions/acct/#ACCT_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11228 001 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	GEB 363	Spoolstra A	20 of 20
Kansas Senate Bill SB 155						
11229 350 ONLNE	-----	-	01/20/15-05/22/15	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/spring/coursedescriptions/acct/#ACCT_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11230 350 ONLNE	-----	-	01/20/15-05/22/15	Online	King A	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/spring/coursedescriptions/acct/#ACCT_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11231 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Fisher E	20 of 20

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/spring/coursedescriptions/acct/#ACCT_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11232 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Callanan J	20 of 20

Kansas Senate Bill SB 155

ACCT 222 - Managerial Accounting

Upon completion of this course, the student will 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. lecture/wk.

Credit Hours: 3

Prerequisite: ACCT 122 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/acct/#ACCT_222)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11233 001 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	GEB 363	Cordes S	20 of 20
Kansas Senate Bill SB 155						
11234 002 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	GEB 363	Krug D	20 of 20
Kansas Senate Bill SB 155						
11235 003 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	GEB 363	Jones D	20 of 20
Kansas Senate Bill SB 155						
11236 004 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	GEB 363	Henn R	20 of 20
Kansas Senate Bill SB 155						
11237 005 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	GEB 363	Wayne A	20 of 20
Kansas Senate Bill SB 155						
11238 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Cordes S	22 of 22
Kansas Senate Bill SB 155						
11239 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Cordes S	22 of 22
Kansas Senate Bill SB 155						
11240 352 ONLNE	-----	-	01/26/15-05/22/15	Online	Cordes S	22 of 22
Kansas Senate Bill SB 155						

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/spring/coursedescriptions/acct/#ACCT_232)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11243 001 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	GEB 363	Callanan J	20 of 20
Kansas Senate Bill SB 155						

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/spring/coursedescriptions/acct/#ACCT_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11249 376 HYB	-T-----	04:30-05:45 PM	01/20/15-05/22/15	GEB 363	Cordes S	20 of 20
	-----	-	01/20/15-05/22/15	Online		

Kansas Senate Bill SB 155

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/spring/coursedescriptions/acct/#ACCT_278)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11251 350 INT	-----	-	01/20/15-05/22/15		King A	24 of 24

Kansas Senate Bill SB 155

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/spring/coursedescriptions/acct/#ACCT_285)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11252 350 ONLNE	-----	-	01/20/15-05/22/15		Cordes S	20 of 20

Kansas Senate Bill SB 155

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/spring/coursedescriptions/admj#ADMJ_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12768 001 F2F	M-W-F--	09:00-09:50 AM	01/26/15-05/22/15	PA 145	Faculty	32 of 32


Kansas Senate Bill SB 155

12769 002 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	PA 133	Galbrecht F	32 of 32
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Kansas Senate Bill SB 155

12770 003 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	PA 133	O'Halloran G	32 of 32
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Kansas Senate Bill SB 155

12785 201 F2F	---R---	06:00-09:00 PM	02/05/15-05/22/15	 SMN	Galbrecht F	32 of 32
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Kansas Senate Bill SB 155

12771 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Daniels M	25 of 25
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Kansas Senate Bill SB 155

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.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/admj#ADMJ_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12772 001 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	PA 145	Ashman C	32 of 32

Kansas Senate Bill SB 155

12773 002 F2F -T-R--- 11:00-12:15 PM 01/20/15-05/22/15 PA 133 Ashman C 32 of 32

Kansas Senate Bill SB 155

12786 201 F2F --W---- 06:00-09:00 PM 02/04/15-05/22/15 PA 145 Gabrielson J 32 of 32

Kansas Senate Bill SB 155

12774 350 ONLNE ----- - 01/20/15-05/22/15 Online King K 25 of 25

Kansas Senate Bill SB 155

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.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/admj/#ADMJ_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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12776 001 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	GEB 317	Divney J	35 of 35
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Kansas Senate Bill SB 155

12777 002 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	PA 145	Faculty	32 of 32
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Kansas Senate Bill SB 155

12778 003 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	PA 145	Ladd G	32 of 32
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Kansas Senate Bill SB 155

12779 004 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	PA 133	Daniels M	32 of 32
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Kansas Senate Bill SB 155

12780 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Galbrecht F	25 of 25
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Kansas Senate Bill SB 155

12787 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Faculty	25 of 25
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Kansas Senate Bill SB 155

ADMJ 133 - Juvenile Delinquency

This class will provide an analysis of detention procedures, disposition, custody and treatment of juvenile offenders throughout the United States with a specific interest in area systems. The origin and development of juvenile agencies, as well as the organization, functions, and jurisdiction of juvenile courts will be studied. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/admj/#ADMJ_133)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12788 001 F2F	M-----	03:00-05:50 PM	01/26/15-05/22/15	PA 145	Groves M	32 of 32

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/spring/coursedescriptions/admj/#ADMJ_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12789 201 F2F	-T-R---	12:30-01:45 PM	01/27/15-05/22/15	PA 133	Blank S	32 of 32

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/spring/coursedescriptions/admj/#ADMJ_143)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12790 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Smith S	25 of 25

Kansas Senate Bill SB 155

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/spring/coursedescriptions/admj/#ADMJ_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12791 001 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	PA 133	Blank S	32 of 32

Kansas Senate Bill SB 155

ADMJ 154 - Fundamentals of Criminal Investigation

This course is designed to give fundamental information that serves as an overview of the entire field as well as a solid foundation for specialized course work. The course focuses on investigation of property crimes, homicide investigation, crimes against children and sex-related offenses. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/admj/#ADMJ_154)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12792 201 F2F	M-----	06:00-09:00 PM	02/02/15-05/22/15	PA 145	Groves M	32 of 32

Kansas Senate Bill SB 155

ADMJ 170 - Drugs and Crime

This course explores the relationship between drugs and crime. Students will analyze how drugs impact criminal activity at the local, state, federal, and international level. Local, state and federal laws regulating substance use will also be examined. Students will become familiar with the effects of drugs on the body. Interventions for individuals harmfully involved with drug use will be explored. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/admj/#ADMJ_170)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12793 001 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	PA 144	King K	24 of 24

Kansas Senate Bill SB 155

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/spring/coursedescriptions/admj/#ADMJ_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12794 001 F2F	---R---	06:00-08:50 PM	01/22/15-05/22/15	PA 144	McGill Carroll K	18 of 18

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ADMJ 223 - The World of Crime

This course provides the study of crime and the criminal justice systems of countries other than the United States, and with issues related to crime throughout the world. Emphasis will be placed on a comparison of the three main aspects of the criminal justice system (police, courts, corrections) between specific countries. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ADMJ 121

Outline (http://catalog.jccc.edu/spring/coursedescriptions/admj/#ADMJ_223)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12795 001 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	PA 133	Galbrecht F	32 of 32

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/spring/coursedescriptions/admj/#ADMJ_228)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12796 001 F2F	M-----	12:00-01:45 PM	01/26/15-05/22/15	PA 144	Faculty	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/spring/coursedescriptions/admj/#ADMJ_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12797 001 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	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/spring/coursedescriptions/admj/#ADMJ_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12798 001 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	PA 144	Ashman C	24 of 24

Kansas Senate Bill SB 155

12799 201 F2F	-T-----	06:00-09:00 PM	02/03/15-05/22/15	PA 133	Welch J	24 of 24
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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/spring/coursedescriptions/admj/#ADMJ_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12800 001 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	PA 144	Galbrecht F	24 of 24

ADMJ 275 - Police Management

This class will assist students in developing an understanding through practical analysis of modern criminal justice administration theory as well as supervisory and management principles. Students will apply these principles to the unique operating problems of contemporary criminal justice organizations. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ADMJ 121

Outline (http://catalog.jccc.edu/spring/coursedescriptions/admj/#ADMJ_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12801 001 F2F	-T-R---	09:30-10:45 AM	01/27/15-05/22/15	PA 145	Ladd G	32 of 32

Kansas Senate Bill SB 155

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/spring/coursedescriptions/ani/#ANI_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10890 001 F2F	----FS-	09:00-11:50 AM	01/23/15-05/22/15	RC 311	Garrison A	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/spring/coursedescriptions/ani/#ANI_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10891 001 F2F	----FS-	12:00-02:50 PM	01/23/15-05/22/15	RC 311	Kimball L	15 of 15

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ANI 145 - Introduction to 3D Animation

This introductory course will provide a historical background and general design and production issues for 3D animation. The details of modeling dimensional objects and environments and a range of simple to complex rendering techniques will be covered. Issues associated with telling a story through moving pictures such as screenplay writing, storyboarding and techniques for bringing an animated character to life will be explored. Students will also be introduced to motion graphics, and generate basic animation, compositing, and effects. 6 hrs. integrated lecture-studio/wk.

Credit Hours: 3

Associated Costs: \$10 to 20

Prerequisite or corequisite: ANI 250

Outline (http://catalog.jccc.edu/spring/coursedescriptions/ani/#ANI_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10892 001 F2F	M-W----	09:00-11:50 AM	01/21/15-05/22/15	RC 311	Garrison A	15 of 15
Kansas Senate Bill SB 155						
10893 002 F2F	----FS-	03:00-05:50 PM	01/23/15-05/22/15	RC 311	Graff J	15 of 15
Kansas Senate Bill SB 155						

ANI 245 - Character Animation

Students will continue to refine their skills in a variety of character animation media. The computer and cutting edge software has become an increasingly important tool in creating character animatics, 2D and 3D character animations. More principles and elements of character animation will be introduced to create more realistic, believable and engaging stories. Continued focus on the importance of plot, character development, key principles of animation and artistic skill will push students into realms of endless creativity and imagination. 6 hrs. integrated lecture-studio/wk.

Credit Hours: 3

Associated Costs: \$10 to 20

Prerequisite: ANI 250

Outline (http://catalog.jccc.edu/spring/coursedescriptions/ani/#ANI_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10894 001 F2F	M-W----	03:00-05:50 PM	01/21/15-05/22/15	RC 311	Graff J	15 of 15
Kansas Senate Bill SB 155						
10895 002 F2F	M-W----	06:00-08:50 PM	01/21/15-05/22/15	RC 311	Shaneyfelt D	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/spring/coursedescriptions/ani/#ANI_258)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10896 001 F2F	-T-R---	12:00-02:50 PM	01/20/15-05/22/15	RC 311	Byers J	15 of 15

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ANI 260 - Animation Capstone

In this course, the student will use all the knowledge attained in previous core animation courses and develop a finished 1-2 minute independent movie following a predetermined animation production process and schedule. Students will develop a portfolio including an auto-run DVD or VHS tape, and a hard copy portfolio including illustrations of characters, model sheets, storyboards, props, environments, textures and final rendered scenes created for the movie. 6 hrs. integrated lecture-studio/wk.

Credit Hours: 3

Associated Costs: \$10 to 20

Prerequisite: ANI 255

Outline (http://catalog.jccc.edu/spring/coursedescriptions/ani/#ANI_260)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10897 001 F2F	M-W----	12:00-02:50 PM	01/21/15-05/22/15	RC 311	Byers J	15 of 15

Kansas Senate Bill SB 155

10898 002 F2F	-T-R---	09:00-11:50 AM	01/20/15-05/22/15	RC 311	Byers J	15 of 15
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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/spring/coursedescriptions/ani/#ANI_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10899 001 F2F	-T-R---	06:00-08:50 PM	01/20/15-05/22/15	RC 311	Barnett S	15 of 15

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ANI 273 - Career Preparation

This course will provide interactive media majors instruction in the presentation of his or her work in a digital portfolio format of professional quality. A printed and written resume will be produced. Self-promotion, networking, job searches and interview skills will also be covered. 3 hrs. lecture, 2 hrs. lab/wk. CIM 273 is the same course as ANI 273; do not enroll in both. This course is taught in the spring semester.

Credit Hours: 4

Associated Costs: \$10 to 20

Prerequisite or corequisite: ANI 260

Outline (http://catalog.jccc.edu/spring/coursedescriptions/ani/#ANI_273)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10900 376 HYB	-T-----	03:00-05:50 PM	01/20/15-05/22/15	RC 311	Kimball L	15 of 15
	-----	-	01/20/15-05/22/15	Online		
Mandatory Classroom Meetings						
10901 377 HYB	---R---	03:00-05:50 PM	01/22/15-05/22/15	RC 311	Faculty	15 of 15
	-----	-	01/22/15-05/22/15	Online		
Mandatory Classroom Meetings						

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/spring/coursedescriptions/anth/#ANTH_125)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10340 001 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	GEB 338	Huber-Smith M	35 of 35
10341 002 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	GEB 338	Michaels D	35 of 35
10342 003 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	GEB 338	Michaels D	35 of 35
10347 004 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	CC 352	Moran S	35 of 35
10350 201 F2F	--W----	06:00-09:00 PM	02/04/15-05/22/15	GEB 338	Michaels D	35 of 35
10351 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Moran S	25 of 25
10352 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Moran S	25 of 25
10353 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Jayaram K	25 of 25

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/spring/coursedescriptions/anth/#ANTH_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10355 001 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	GEB 338	McFarlane W	35 of 35
10357 350 ONLNE	-----	-	01/20/15-05/22/15	Online	McFarlane W	25 of 25
10358 351 ONLNE	-----	-	01/20/15-05/22/15	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/spring/coursedescriptions/anth/#ANTH_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10359 001 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	GEB 338	Huber-Smith M	35 of 35
10361 002 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	GEB 338	Huber-Smith M	35 of 35
10362 003 F2F	M-W-F--	02:00-02:50 PM	01/21/15-05/22/15	GEB 338	Divney J	35 of 35
10363 004 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	GEB 338	Faculty	35 of 35
10364 005 F2F	---R---	06:00-08:50 PM	01/22/15-05/22/15	GEB 338	Ediger R	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/spring/coursedescriptions/anth/#ANTH_142)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10365 001 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	GEB 338	McFarlane W	35 of 35
10366 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Raab A	25 of 25

ANTH 144 - Archaeology

This course is an introduction to the basic concepts, methods, and findings in archaeology. The historical origins of the discipline and modern approaches to understanding the past will be presented. The course will describe the range of archaeological evidence and techniques for locating, analyzing, and interpreting these remains. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/anth/#ANTH_144)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10367 001 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	GEB 338	Raab A	35 of 35

ANTH 160 - Medical Anthropology

This course will introduce students to an understanding of human health and disease that includes both culture and biology. Western and non-Western cultures will be considered. This course will consider topics such as medical beliefs and curing practices, disease and nutrition, the connection between inequality and health disparities, and how to apply medical anthropological concepts to real-world problems. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/anth/#ANTH_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10368 001 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	GEB 338	Daley C	35 of 35

ANTH 292 - Special Topics:

This course periodically offers specialized or advanced discipline-specific content related to the study of Anthropology, not usually taught in the curriculum. Due to the breadth and depth of the discipline, this course may expand upon a topic introduced in a current course, synthesize topics that cross-cut existing courses, or explore a topic not addressed currently in the Department of Anthropology curriculum. Students may repeat Special Topics in Anthropology for credit but only on different topics.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/anth/#ANTH_292)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10369 001 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	GEB 338	Raab L	35 of 35

This section's title is Special Topics: Disasters.

Note: To obtain department approval, e-mail Bill McFarlane, Chair of Anthropology. mcfarlane@jccc.edu (please include your JCCC student ID number)

Requirement: Department approval

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/spring/coursedescriptions/arch/#ARCH_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10534 002 F2F	M-W----	04:00-05:15 PM	01/26/15-05/22/15	ITC 134	Meadows B	12 of 12

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10535 003 F2F	-T-R---	02:30-03:45 PM	01/27/15-05/22/15	ITC 134	Faculty	12 of 12
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Kansas Senate Bill SB 155

ARCH 123 - Architectural Principles

This course will elaborate on the concepts first presented in introduction to architecture. General focus will be on the modern profession and architects dealing with past, present and emerging ideas as they relate to physical and social context including landscaping, buildings and cities. Unifying themes will be presented of formal architectural principles in relation to modernism and the impact on design, the site, landscaping, and site planning issues. This course is only offered in the spring semester. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10 to 30

Prerequisite: ARCH 120

Outline (http://catalog.jccc.edu/spring/coursedescriptions/arch/#ARCH_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12849 001 F2F	M-W----	12:00-01:15 PM	01/26/15-05/22/15	ITC 134	Miller J	12 of 12

ARCH 131 - Architectural Graphics

This course builds upon the conceptual and manual skills acquired in Introduction to Architectural Graphics. Students will expand their ability by learning to apply a variety of media and advanced drawing systems, such as design drawing techniques, model building, graphic diagramming, grid perspective drawing, projection perspective drawing, and shade and shadow studies. Emphasis will continue to be on learning to think in spatial terms as well as developing a new repertoire of graphic presentation skills. 6 hrs. integrated lecture, studio/wk. This course is only offered in the spring semester.

Credit Hours: 3

Associated Costs: \$100 to 300

Prerequisites: ARCH 127 or ARCH 130

Outline (http://catalog.jccc.edu/spring/coursedescriptions/arch/#ARCH_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10540 001 F2F	M-W----	09:00-11:45 AM	01/21/15-05/22/15	ITC 134	Miller J	12 of 12

Kansas Senate Bill SB 155

ARCH 140 - Architectural Design

This course introduces the student to the process and vocabulary of design. The purpose of the content is to develop the ability to solve two- and three-dimensional design problems with basic methods, vocabulary and media appropriate to the architectural profession. This course is only offered in the spring semester. 6 hrs. integrated lecture, studio/wk.

Credit Hours: 3

Associated Costs: \$100 to 300

Prerequisites: ARCH 127 or ARCH 130

Outline (http://catalog.jccc.edu/spring/coursedescriptions/arch/#ARCH_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10541 001 F2F	-T-R---	09:00-11:45 AM	01/20/15-05/22/15	ITC 134	Miller J	12 of 12

Kansas Senate Bill SB 155

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/spring/coursedescriptions/arch/#ARCH_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10292 001 F2F	M-----	06:00-08:45 PM	01/26/15-05/22/15	GP 101	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/spring/coursedescriptions/arch/#ARCH_244)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10536 001 F2F	M-W----	02:00-03:15 PM	01/26/15-05/22/15	ITC 134	Meadows B	12 of 12
10539 002 F2F	-T-----	06:00-08:45 PM	01/27/15-05/22/15	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/spring/coursedescriptions/arch/#ARCH_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10537 001 F2F	-T-R---	04:00-05:15 PM	01/27/15-05/22/15	ITC 134	Meadows B	12 of 12
10538 002 F2F	--W----	06:00-08:45 PM	01/28/15-05/22/15	ITC 134	Meadows B	12 of 12

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/spring/coursedescriptions/art/#ART_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12359 001 F2F	----F--	01:30-06:55 PM	01/23/15-05/22/15	LIB 311	Gurau M	18 of 18
	----F--	01:30-06:55 PM	01/23/15-05/22/15	LIB 312		
	----F--	01:30-06:55 PM	01/23/15-05/22/15	LIB 313		
12360 002 F2F	---R---	08:00-01:25 PM	01/22/15-05/22/15	LIB 314	Hawkins P	18 of 18
	---R---	08:00-01:25 PM	01/22/15-05/22/15	LIB 346		
12361 003 F2F	---R---	01:30-06:55 PM	01/22/15-05/22/15	LIB 314	Hetler C	18 of 18
	---R---	01:30-06:55 PM	01/22/15-05/22/15	LIB 346		

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/spring/coursedescriptions/art/#ART_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12362 001 F2F	M-----	08:00-01:25 PM	01/26/15-05/22/15	LIB 311	Shinohara M	18 of 18
	M-----	08:00-01:25 PM	01/26/15-05/22/15	LIB 312		
	M-----	08:00-01:25 PM	01/26/15-05/22/15	LIB 313		
12363 002 F2F	-T-----	08:00-01:25 PM	01/21/15-05/22/15	LIB 311	Shinohara M	18 of 18
	-T-----	08:00-01:25 PM	01/21/15-05/22/15	LIB 312		

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/spring/coursedescriptions/art/#ART_129)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12364 001 F2F	-T-----	01:30-06:55 PM	01/20/15-05/22/15	LIB 311	Nemer T	18 of 18
	-T-----	01:30-06:55 PM	01/20/15-05/22/15	LIB 312		
	-T-----	01:30-06:55 PM	01/20/15-05/22/15	LIB 313		
12365 002 F2F	---R---	08:00-01:25 PM	01/22/15-05/22/15	LIB 311	Nemer T	18 of 18
	---R---	08:00-01:25 PM	01/22/15-05/22/15	LIB 312		
	---R---	08:00-01:25 PM	01/22/15-05/22/15	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/spring/coursedescriptions/art/#ART_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10383 001 F2F	M-W----	08:00-10:50 AM	01/21/15-05/22/15	ATB 109	Faculty	22 of 22
10384 002 F2F	----S-	08:00-01:50 PM	01/24/15-05/22/15	ATB 109	Stewart M	22 of 22
10385 003 F2F	-T-R---	03:00-05:50 PM	01/20/15-05/22/15	ATB 109	Schell A	22 of 22
10386 004 F2F	-T-R---	06:00-08:50 PM	01/20/15-05/22/15	ATB 109	Schell A	22 of 22
10387 005 F2F	-T-R---	08:00-10:50 AM	01/20/15-05/22/15	ATB 109	Kira K	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/spring/coursedescriptions/art/#ART_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10388 001 F2F	M-W----	12:00-02:50 PM	01/21/15-05/22/15	ATB 109	Baker D	22 of 22
10389 002 F2F	----S-	08:00-01:50 PM	01/24/15-05/22/15	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/spring/coursedescriptions/art/#ART_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10390 001 F2F	-T-R--	08:00-10:50 AM	01/20/15-05/22/15	ATB 101	Kligman M	20 of 20
10391 002 F2F	-T-R--	12:00-02:50 PM	01/20/15-05/22/15	ATB 101	Kligman M	20 of 20
10392 003 F2F	M-W----	06:00-08:50 PM	01/21/15-05/22/15	ATB 101	Faculty	20 of 20

ART 136 - Painting II

This course involves intermediate problems in painting with emphasis on individual expression based on historical as well as contemporary concerns and approaches in art. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$100 to 200

Prerequisite: ART 135

Outline (http://catalog.jccc.edu/spring/coursedescriptions/art/#ART_136)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10393 001 F2F	M-W----	12:00-02:50 PM	01/21/15-05/22/15	ATB 101	Carroll J	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/spring/coursedescriptions/art/#ART_138)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10394 001 F2F	-T-R---	08:00-10:50 AM	01/20/15-05/22/15	ATB 135	Stewart M	20 of 20
10395 002 F2F	M-W----	12:00-02:50 PM	01/21/15-05/22/15	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/spring/coursedescriptions/art/#ART_142)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10396 001 F2F	M-W----	08:00-10:50 AM	01/21/15-05/22/15	ATB 111	Gascogne L	15 of 15
10397 002 F2F	M-W----	12:00-02:50 PM	01/21/15-05/22/15	ATB 111	Faculty	15 of 15
10398 003 F2F	M-W----	06:00-08:50 PM	01/21/15-05/22/15	ATB 111	Whittier C	15 of 15
10399 004 F2F	----S-	08:00-01:50 PM	01/24/15-05/22/15	ATB 111	Haney N	15 of 15
10400 005 F2F	-T-R---	06:00-08:50 PM	01/20/15-05/22/15	ATB 111	Haney N	15 of 15
10401 006 F2F	-T-R---	08:00-10:50 AM	01/20/15-05/22/15	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/spring/coursedescriptions/art/#ART_143)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10402 001 F2F	-T-R---	12:00-02:50 PM	01/20/15-05/22/15	ATB 111	Gascoigne L	15 of 15
10403 002 F2F	M-W----	12:00-02:50 PM	01/21/15-05/22/15	ATB 111	Faculty	15 of 15
10404 003 F2F	M-W----	06:00-08:50 PM	01/21/15-05/22/15	ATB 111	Whittier C	15 of 15
10405 004 F2F	----S-	08:00-01:50 PM	01/24/15-05/22/15	ATB 111	Haney N	15 of 15
10406 005 F2F	-T-R---	06:00-08:50 PM	01/20/15-05/22/15	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/spring/coursedescriptions/art/#ART_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10407 001 F2F	M-W----	08:00-10:50 AM	01/21/15-05/22/15	ATB 115	Cowardin M	15 of 15
10408 002 F2F	-T-R---	06:00-08:50 PM	01/20/15-05/22/15	ATB 115	Sandoval A	15 of 15
10409 003 F2F	M-W----	12:00-02:50 PM	01/21/15-05/22/15	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/spring/coursedescriptions/art/#ART_146)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10410 001 F2F	-T-R---	12:00-02:50 PM	01/20/15-05/22/15	ATB 115	Cowardin M	15 of 15
10411 002 F2F	-T-R---	06:00-08:50 PM	01/20/15-05/22/15	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/spring/coursedescriptions/art/#ART_148)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10412 001 F2F	M-W----	03:00-05:50 PM	01/21/15-05/22/15	ATB 115	Pener S	15 of 15
10413 002 F2F	M-W----	06:00-08:50 PM	01/21/15-05/22/15	ATB 115	Robertson R	15 of 15
10414 003 F2F	-T-R---	08:00-10:50 AM	01/20/15-05/22/15	ATB 115	Pener S	15 of 15
10415 004 F2F	-----S-	12:00-05:50 PM	01/24/15-05/22/15	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/spring/coursedescriptions/art/#ART_149)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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10416 001 F2F	M-W----	03:00-05:50 PM	01/21/15-05/22/15	ATB 115	Pener S	15 of 15
10417 002 F2F	M-W----	06:00-08:50 PM	01/21/15-05/22/15	ATB 115	Robertson R	15 of 15
10418 003 F2F	-T-R---	08:00-10:50 AM	01/20/15-05/22/15	ATB 115	Pener S	15 of 15
10419 004 F2F	-----S-	12:00-05:50 PM	01/24/15-05/22/15	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/spring/coursedescriptions/art/#ART_172)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10420 001 F2F	M-W----	03:00-05:50 PM	01/21/15-05/22/15	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/spring/coursedescriptions/art/#ART_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10421 001 F2F	-T-R---	12:00-02:50 PM	01/20/15-05/22/15	ATB 109	Kira K	22 of 22
10422 002 F2F	M-W----	03:00-05:50 PM	01/21/15-05/22/15	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/spring/coursedescriptions/art/#ART_232)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10423 001 F2F	-T-R---	12:00-02:50 PM	01/20/15-05/22/15	ATB 109	Kira K	22 of 22
10425 002 F2F	M-W----	03:00-05:50 PM	01/21/15-05/22/15	ATB 109	Carroll J	22 of 22

ART 235 - Studio Workshop I

This course involves advanced problems in painting (or drawing) with emphasis on individual expression based on historical as well as contemporary concerns and approaches in art. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$100 to 200

Prerequisite: ART 131 or ART 136

Outline (http://catalog.jccc.edu/spring/coursedescriptions/art/#ART_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10427 001 F2F	M-W----	12:00-02:50 PM	01/21/15-05/22/15	ATB 101	Carroll J	20 of 20

ART 236 - Studio Workshop II

This course involves advanced problems in painting (or drawing), above and beyond those experienced in Workshop I, with emphasis on individual expression. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$100 to 200

Prerequisite: ART 235

Outline (http://catalog.jccc.edu/spring/coursedescriptions/art/#ART_236)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10428 001 F2F	M-W----	12:00-02:50 PM	01/21/15-05/22/15	ATB 101	Carroll J	20 of 20

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/spring/coursedescriptions/art/#ART_238)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10431 001 F2F	-T-R---	08:00-10:50 AM	01/20/15-05/22/15	ATB 135	Stewart M	20 of 20
10432 002 F2F	M-W----	12:00-02:50 PM	01/21/15-05/22/15	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/spring/coursedescriptions/art/#ART_244)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10434 001 F2F	-T-R---	12:00-02:50 PM	01/20/15-05/22/15	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/spring/coursedescriptions/art/#ART_291)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10435 960 IND	-----	-	01/20/15-05/22/15		Faculty	2 of 2

Requirement: Department approval

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/spring/coursedescriptions/arth/#ARTH_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10324 001 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CC 352	DiCamillo R	35 of 35
10325 002 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CC 352	DiCamillo R	35 of 35
10327 201 F2F	--W----	06:00-09:00 PM	02/04/15-05/22/15	CC 352	DiCamillo R	35 of 35
10328 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Newlands J	25 of 25
10329 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Zell V	25 of 25

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/spring/coursedescriptions/arth/#ARTH_182)


CRN	Days	Time	Date	Location	Instructor	Seats Open
10330 001 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CC 352	Zell V	35 of 35
10331 002 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CC 352	Smith A	35 of 35
10332 003 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CC 352	Meadows B	35 of 35
10333 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Newlands J	25 of 25

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/spring/coursedescriptions/arth/#ARTH_184)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10334 001 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	OCB 142	Smith A	24 of 24
10336 201 F2F	----F--	05:00-08:00 PM	02/06/15-03/01/15	 NEL ART	Wiklund A	16 of 16
	----S-	10:00-01:30 PM	02/07/15-03/01/15	CC 352		
	-----U	12:00-03:30 PM	02/08/15-03/01/15	CC 352		

Please Note: This course meets at the Nelson-Atkins Museum of Art on Friday evenings and on the JCCC campus on Saturday and Sunday.

10337 350 ONLINE	-----	-	01/20/15-05/22/15	Online	Smith A	25 of 25
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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/spring/coursedescriptions/arth/#ARTH_186)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10338 350 ONLINE	-----	-	01/20/15-05/22/15	Online	Dolemba M	25 of 25

ARTH 188 - History of Photography

This course provides an introduction to the history of photography. Students will examine the aesthetic and technological evolution of photography as an art form, as a visual tool for and influence upon other artistic disciplines, and as a statement of perceived reality. The course will examine the elements that distinguish various aesthetic movements, the styles of major periods and the influences of individual photographers. Attention will be paid to the relationship between photographic imagery and various cultural and historical contexts. Recommended prior course is PHOT 121. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/arth/#ARTH_188)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10339 201 F2F	---R---	06:00-09:00 PM	02/05/15-05/22/15	CC 352	Mendenhall K	35 of 35

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/spring/coursedescriptions/asl/#ASL_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12403 001 F2F	M-W-F--	12:00-01:50 PM	01/21/15-05/22/15	GEB 311	Symansky R	15 of 15
Kansas Senate Bill SB 155						
12404 002 F2F	M-W-F--	01:00-02:50 PM	01/21/15-05/22/15	GEB 215	Kuhns K	15 of 15
Kansas Senate Bill SB 155						
12475 003 F2F	M-W----	06:00-08:50 PM	01/21/15-05/22/15	GEB 215	Clark K	15 of 15
Kansas Senate Bill SB 155						
12476 004 F2F	-T-R---	08:00-10:50 AM	01/20/15-05/22/15	GEB 311	Symansky R	15 of 15
Kansas Senate Bill SB 155						
12477 005 F2F	-T-R---	12:00-02:50 PM	01/20/15-05/22/15	GEB 311	Symansky R	15 of 15
Kansas Senate Bill SB 155						
12478 006 F2F	-T-R---	06:00-08:50 PM	01/20/15-05/22/15	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/spring/coursedescriptions/asl/#ASL_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12479 001 F2F	M-W-F--	09:00-10:50 AM	01/21/15-05/22/15	CC 325	Gwynn T	15 of 15
Kansas Senate Bill SB 155						
12480 002 F2F	M-W-F--	02:00-03:50 PM	01/21/15-05/22/15	GEB 311	Symansky R	15 of 15
Kansas Senate Bill SB 155						
12481 003 F2F	M-W----	06:00-08:50 PM	01/21/15-05/22/15	CLB 211	Gwynn M	15 of 15
Kansas Senate Bill SB 155						

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/spring/coursedescriptions/asl/#ASL_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12482 001 F2F	-T-R---	06:00-08:50 PM	01/20/15-05/22/15	PA 134	Gwynn T	15 of 15
Kansas Senate Bill SB 155						

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/spring/coursedescriptions/asl/#ASL_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12483 001 F2F	M-W----	06:00-08:50 PM	01/21/15-05/22/15	GEB 311	Goben B	15 of 15
Kansas Senate Bill SB 155						

ASL 135 - Intro to American Sign Language Linguistics

This course introduces students to the structural and grammatical principles of ASL. Students will explore concepts of equivalency between English and ASL 3 hrs. lecture/wk. The daytime sections are open only to students in the interpreter training program. INTR 135 and ASL 135 are the same course; do not enroll in both.

Credit Hours: 3

Associated Costs: \$10 to 50

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

Outline (http://catalog.jccc.edu/spring/coursedescriptions/asl/#ASL_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12484 001 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	GEB 311	Kuhns K	30 of 30

Kansas Senate Bill SB 155

ASL 150 - American Sign Language Literature

This course will provide introduction, discussion, and demonstration of literature in American Sign Language (ASL). The literature involves ASL Poetry, ASL Storytelling/Narratives, Deaf Humor, Deaf Folklore and other genres that have been passed on from one generation to another by culturally deaf people. Students will receive, analyze and retell a variety of ASL literature. 3 hrs. lecture/wk. INTR 150 and ASL 150 are the same course; do not enroll in both.

Note: INTR 150 and ASL 150 are the same course; do not enroll in both

Credit Hours: 3

Prerequisite: INTR 122 or ASL 122 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/asl/#ASL_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12485 001 F2F	---R---	06:00-08:50 PM	01/22/15-05/22/15	GEB 311	Kuhns K	30 of 30

Kansas Senate Bill SB 155

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 \(http://catalog.jccc.edu/spring/coursedescriptions/astr/#ASTR_120\)](http://catalog.jccc.edu/spring/coursedescriptions/astr/#ASTR_120)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10670 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Koch W	24 of 24
Note:Students not logging in within the first two weeks may be dropped for non-attendance. The textbook and all course material are provided free online. All assignments and exams are submitted online.						
10671 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Koch W	24 of 24
Note:Students not logging in within the first two weeks may be dropped for non-attendance. The textbook and all course material are provided free online. All assignments and exams are submitted online.						
10672 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Koch W	24 of 24
Note:Students not logging in within the first two weeks may be dropped for non-attendance. The textbook and all course material are provided 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 \(http://catalog.jccc.edu/spring/coursedescriptions/astr/#ASTR_122\)](http://catalog.jccc.edu/spring/coursedescriptions/astr/#ASTR_122)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10673 001 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CLB 405	Koch W	24 of 24
	Lab M-----	09:00-10:50 AM	01/26/15-05/22/15	CLB 411		
10680 003 F2F	-T-----	09:00-09:50 AM	01/20/15-05/22/15	CLB 411	Patterson J	24 of 24
	Lab -T-----	10:00-11:50 AM	01/20/15-05/22/15	CLB 411		
	---R---	09:00-10:50 AM	01/22/15-05/22/15	CLB 411		
10682 004 F2F	-T-----	01:00-01:50 PM	01/20/15-05/22/15	CLB 405	Patterson J	24 of 24
	Lab -T-----	02:00-03:50 PM	01/20/15-05/22/15	CLB 411		
	---R---	01:00-02:50 PM	01/22/15-05/22/15	CLB 405		
10685 050 F2F	--W----	06:00-06:50 PM	01/21/15-05/22/15	CLB 405	Koch W	24 of 24
	Lab --W----	07:00-09:50 PM	01/21/15-05/22/15	CLB 411		
	M-----	06:00-07:50 PM	01/26/15-05/22/15	CLB 405		

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/spring/coursedescriptions/astr/#ASTR_214)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10686 001 F2F	M-----	03:00-04:15 PM	01/26/15-05/22/15	CLB 213	Rothrock K	24 of 24

ASTR 215 - Introduction to Teaching Math and Science II

Students learn about the middle school environment and work on math and science inquiry-based lesson analysis, design, and assessment. Student partners will plan and teach three inquiry-based lessons in a middle school. The course emphasizes writing 5E lesson plans with a focus on the importance of using appropriate questioning and assessment strategies throughout the lesson, as well as how to analyze and modify a lesson based on personal reflections and observer feedback. By the completion of the course, students should be able to reflect on their personal suitability/interest in teaching secondary math or science, and develop a feasible pathway to a career in teaching. MATH 215, ASTR 215, BIOL 215, CHEM 215, GEOS 215, PHYS 215 and PSCI 215 are the same course; enroll in only one. 1.25 hrs. lecture/wk.

Credit Hours: 1

Prerequisite: ASTR 214 or BIOL 214 or CHEM 214 or GEOS 214 or MATH 214 or PHYS 214 or PSCI 214 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/astr/#ASTR_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12836 001 F2F	--W----	03:00-04:15 PM	01/21/15-05/22/15	CLB 213	Rothrock K	24 of 24

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 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/spring/coursedescriptions/auto/#AUTO_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12103 001 F2F	--W----	02:00-04:40 PM	01/21/15-05/22/15	ATB 129	Hall D	20 of 20

Kansas Senate Bill SB 155

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/spring/coursedescriptions/auto/#AUTO_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12104 001 F2F	Lab --W----	07:00-09:40 PM	01/21/15-05/22/15	ATB 183	Davis J	15 of 15
	M-----	07:00-08:40 PM	01/26/15-05/22/15	ATB 183		

Kansas Senate Bill SB 155

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/spring/coursedescriptions/auto/#AUTO_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12105 001 F2F	Lab ---R---	07:00-08:20 PM	01/22/15-05/22/15	ATB 183	Yetter J	15 of 15
	---R---	08:30-09:40 PM	01/22/15-05/22/15	ATB 192		

Kansas Senate Bill SB 155

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/spring/coursedescriptions/auto/#AUTO_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12106 001 F2F	----S-	08:00-08:50 AM	01/24/15-05/22/15	ATB 183	Brown W	15 of 15
	Lab ----S-	09:00-11:40 AM	01/24/15-05/22/15	ATB 183		

Kansas Senate Bill SB 155

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/spring/coursedescriptions/auto/#AUTO_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12107 376 HYB	-T-----	04:00-05:40 PM	01/20/15-05/22/15	ATB 129	Faculty	15 of 15
	Lab -T-----	06:00-08:40 PM	01/20/15-05/22/15	ATB 190		
	-----	-	01/20/15-05/22/15	Online		

Kansas Senate Bill SB 155

12109 378 HYB	Lab ----S-	08:00-10:40 AM	01/24/15-05/22/15	ATB 190	Carswell R	15 of 15
	----S-	10:45-12:35 PM	01/24/15-05/22/15	ATB 129		
	-----	-	01/24/15-05/22/15	Online		

Kansas Senate Bill SB 155

AUTO 145 - Automotive Steering and Suspension

Upon successful completion of this course students will document suspension system concerns, perform diagnostics on steering systems, perform repairs on steering systems, perform diagnostics on suspension systems, perform repairs on suspension systems, determine the need for wheel alignment and adjustment, perform diagnostics on wheel and tire systems, and perform fundamental repairs on wheel and tire systems. 8 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Associated Costs: \$0-\$400

Prerequisite or Corequisite: AUTO 125

Outline (http://catalog.jccc.edu/spring/coursedescriptions/auto/#AUTO_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12164 002 F2F	M-W----	05:00-05:50 PM	01/21/15-05/22/15	ATB 129	Faculty	18 of 18
	Lab M-W----	06:00-08:40 PM	01/21/15-05/22/15	ATB 190		
Kansas Senate Bill SB 155						
12844 003 F2F	M-W----	08:00-08:50 AM	01/21/15-05/22/15	ATB 183	Faculty	18 of 18
	Lab M-W----	09:00-11:40 AM	01/21/15-05/22/15	ATB 190		
Kansas Senate Bill SB 155						

AUTO 161 - Engine Performance I

In this learning plan students will: complete work order and check history; identify engine mechanical integrity; explore the fundamentals of fuel system theory; identify fuel system concerns; explore the fundamentals of ignition theory; identify ignition system concerns; identify induction system concerns; identify exhaust system concerns; identify engine mechanical integrity through a variety of learning and assessment activities. 2 hrs. lecture, 3 hrs. instructional lab/wk.

Credit Hours: 3

Associated Costs: \$0 to 400

Prerequisite: AUTO 156

Outline (http://catalog.jccc.edu/spring/coursedescriptions/auto/#AUTO_161)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12166 376 HYB	----F--	12:00-01:40 PM	01/23/15-05/22/15	ATB 129	James J	18 of 18
	Lab ----F--	02:00-04:40 PM	01/23/15-05/22/15	ATB 192		
	-----	-	01/23/15-05/22/15	Online		
Kansas Senate Bill SB 155						
12167 377 HYB	Lab -T-----	06:00-08:40 PM	01/20/15-05/22/15	ATB 192	Faculty	18 of 18
	-----	-	01/20/15-05/22/15	Online		
	---R---	06:00-07:40 PM	01/22/15-05/22/15	ATB 129		
Kansas Senate Bill SB 155						
12168 378 HYB	-T-----	02:00-03:40 PM	01/20/15-05/22/15	ATB 129	Ireland J	18 of 18
	-----	-	01/20/15-05/22/15	Online		
	Lab ---R---	01:00-03:40 PM	01/22/15-05/22/15	ATB 192		
Kansas Senate Bill SB 155						

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/spring/coursedescriptions/auto/#AUTO_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12186 376 HYB	-T-R---	08:00-08:50 AM	01/20/15-05/22/15	ATB 129	Kirchner W	15 of 15
Lab	-T-R---	09:00-11:40 AM	01/20/15-05/22/15	ATB 185		
	-----	-	01/20/15-05/22/15	Online		
Kansas Senate Bill SB 155						
12187 377 HYB	M-W----	06:00-06:50 PM	01/21/15-05/22/15	ATB 183	Faculty	15 of 15
Lab	M-W----	07:00-09:40 PM	01/21/15-05/22/15	ATB 185		
	-----	-	01/21/15-05/22/15	Online		

Kansas Senate Bill SB 155

AUTO 166 - Electrical II

Upon completion of this course, the student should be able to perform battery diagnosis, perform battery service, perform starting system diagnosis, perform starting system repair, perform charging system diagnosis, perform charging system repair, and identify current flow on starting and charging system diagrams. 1 hr. lecture, 3 hrs. instructional lab/wk.

Credit Hours: 2

Associated Costs: \$0 to 400

Prerequisite: AUTO 156

Outline (http://catalog.jccc.edu/spring/coursedescriptions/auto/#AUTO_166)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12188 001 F2F	--W----	05:00-05:50 PM	01/21/15-05/22/15	ATB 128	Fort R	18 of 18
Lab	--W----	06:00-08:40 PM	01/21/15-05/22/15	ATB 192		
Kansas Senate Bill SB 155						
12189 002 F2F	----F--	12:00-12:50 PM	01/23/15-05/22/15	ATB 183	Faculty	18 of 18
Lab	----F--	01:00-03:40 PM	01/23/15-05/22/15	ATB 190		

Kansas Senate Bill SB 155

12190 003 F2F	---R---	08:00-08:50 AM	01/22/15-05/22/15	ATB 183	Faculty	18 of 18
Lab	---R---	09:00-11:40 AM	01/22/15-05/22/15	ATB 190		

Kansas Senate Bill SB 155

AUTO 215 - Engine Performance III

Upon successful completion of this course, the student should be able to service and repair fuels systems, ignition systems, and exhaust systems. 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

Credit Hours: 3

Associated Costs: \$0 to 400

Prerequisite: AUTO 205

Outline (http://catalog.jccc.edu/spring/coursedescriptions/auto/#AUTO_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12192 376 HYB	-T-----	01:00-01:50 PM	01/20/15-05/22/15	ATB 129	James J	18 of 18
Lab	-T-R---	02:00-04:40 PM	01/20/15-05/22/15	ATB 190		
	-----	-	01/20/15-05/22/15	Online		

Kansas Senate Bill SB 155

12193 377 HYB	Lab	M---F--	07:00-08:40 PM	01/23/15-05/22/15	ATB 192	James J	18 of 18
		-----	-	01/23/15-05/22/15	Online		
		M-----	06:00-06:50 PM	01/26/15-05/22/15	ATB 127		

Kansas Senate Bill SB 155

AUTO 221 - Heating and Air Conditioning

Upon successful completion of this course, the student should be able to operate, service and diagnose automotive heating, ventilation and air conditioning systems. The course will cover the theory and operation of these systems, major components, testing, recycling and other service procedures. 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 and AUTO 165

Outline (http://catalog.jccc.edu/spring/coursedescriptions/auto/#AUTO_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open	
12194 001 F2F	Lab	--W----	09:00-11:40 AM	01/21/15-05/22/15	ATB 192	Ireland J	18 of 18
		M-----	09:00-11:40 AM	01/26/15-05/22/15	ATB 129		

12195 002 F2F	-T-----	06:00-08:40 PM	01/20/15-05/22/15	ATB 129	Hensley E	18 of 18
	Lab ---R---	06:00-08:40 PM	01/22/15-05/22/15	ATB 190		

AUTO 235 - Hybrid & Alternative Fuels Vehicles Repair & Maintenance

This course will cover the technology of hybrid electric, electric, alternative fuel and fuel cell vehicles. Topics covered will include changes in the vehicle engine, drive train, emissions, heating/ventilation/air conditioning (HVAC), brake and computer systems. Variations between manufacturers will be covered. Students will learn to safely diagnose, repair and service these vehicles. 2 hrs. lecture/3 hrs. instructional lab/wk.

Note: Technicians from the automotive repair industry are also welcome, but should have ASE Certifications (A1, A2, A5, A6, A7, and A8). Vocational school training will also be considered. Please contact the Automotive Department for approval.

Credit Hours: 3

Associated Costs: \$0-\$200

Prerequisites or Corequisites: AUTO 131 and AUTO 205 and AUTO 208 and AUTO 221 and AUTO 250 or Department Approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/auto/#AUTO_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12845 001 F2F	----F--	09:00-10:40 AM	01/23/15-05/22/15	ATB 129	Ireland J	18 of 18
	Lab ----F--	11:00-01:40 PM	01/23/15-05/22/15	ATB 192		

AUTO 250 - Automatic Transmissions and Transaxles

Upon completion of this course, the student should be able to diagnose, service and repair various automatic transmissions and automatic transaxles, both on vehicle and off vehicle, including computer-controlled 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. instructional lab

Credit Hours: 4

Associated Costs: \$0 to 300

Prerequisite: AUTO 166 and AUTO 205

Outline (http://catalog.jccc.edu/spring/coursedescriptions/auto/#AUTO_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12197 002 F2F	-T-R---	06:00-06:50 PM	01/20/15-05/22/15	ATB 183	Brown W	16 of 16
	Lab					

-T-R--- 07:00-09:50 PM 01/20/15-05/22/15 ATB 182

Kansas Senate Bill SB 155

12198 003 F2F M-W---- 01:00-01:50 PM 01/21/15-05/22/15 ATB 183 Faculty 16 of 16

Lab M-W---- 02:00-04:50 PM 01/21/15-05/22/15 ATB 182

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/spring/coursedescriptions/auto/#AUTO_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12199 500 INT	-----	-	01/20/15-05/22/15		Ireland J	12 of 12

Kansas Senate Bill SB 155

Requirement: Department approval

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/spring/coursedescriptions/avco/#AVCO_102)


CRN	Days	Time	Date	Location	Instructor	Seats Open
12054 201 F2F	MTWRF--	08:00-05:00 PM	01/05/15-02/13/15	 WPK 108	Rodriguez C	6 of 6
	M-----	08:00-05:00 PM	02/16/15-03/09/15	 WPK 108		

-TWRF-- 08:00-05:00 PM 02/17/15-03/13/15  WPK 101


Kansas Senate Bill SB 155


12055 202 F2F MTWRF-- 08:00-05:00 PM 03/23/15-04/17/15  WPK 108 Rodriguez C 6 of 6


M----- 08:00-05:00 PM 04/20/15-05/25/15  WPK 108


-TWRF-- 08:00-05:00 PM 04/21/15-05/29/15  WPK 101


Kansas Senate Bill SB 155

12056 203 F2F MTWR--- 05:30-09:30 PM 01/05/15-02/12/15  WPK 108 Rodriguez C 6 of 6

----S- 09:00-01:00 PM 01/10/15-02/14/15  WPK 108

M----- 05:30-09:30 PM 02/16/15-05/25/15  WPK 108

-TWR--- 05:30-09:30 PM 02/17/15-05/28/15  WPK 101

----S- 09:00-01:00 PM 02/21/15-05/30/15  WPK 101

Kansas Senate Bill SB 155

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/spring/coursedescriptions/avco/#AVCO_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12051 200 F2F	MTWRF--	08:00-05:00 PM	01/12/15-04/24/15	 WPK 133	Hinojosa M	12 of 12
	MTWRF--	08:00-05:00 PM	04/27/15-05/01/15	 WPK 101		

Kansas Senate Bill SB 155

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/spring/coursedescriptions/avco/#AVCO_112)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12052 200 F2F	--W-F--	08:00-05:00 PM	01/12/15-04/24/15	 WPK 101	Hinojosa M	14 of 14
	MT-----	08:00-05:00 PM	01/12/15-04/21/15	 WPK 177		
	---R---	11:00-08:00 PM	01/12/15-04/23/15	 WPK 101		
	MTWRF--	08:00-08:00 PM	04/27/15-05/01/15	 WPK 101		

Kansas Senate Bill SB 155

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/spring/coursedescriptions/avco/#AVCO_114)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12053 200 F2F	-TW-F--	08:00-05:00 PM	01/12/15-04/24/15	 WPK 101	McAnerney C Hinojosa M	12 of 12
	M-----	08:00-05:00 PM	01/12/15-04/24/15	 WPK 129		
	---R---	11:00-08:00 PM	01/12/15-04/23/15	 WPK 101		
	MTWRF--	08:00-05:00 PM	04/27/15-05/01/15	 WPK 101		

Kansas Senate Bill SB 155

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/spring/coursedescriptions/avco/#AVCO_212)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12151 206 F2F	M-----	08:00-12:00 PM	01/20/15-06/20/15	 WPK 129	Hinojosa M	6 of 6

Kansas Senate Bill SB 155

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 five years.



Outline (http://catalog.jccc.edu/spring/coursedescriptions/avho/#AVHO_102)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12207 001 F2F	MT-R---	08:30-03:30 PM	01/20/15-02/26/15	 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, October 24th. 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 October 24th to ensure enrollment.


Requirement: unavailable

12208 002 F2F	----F--	08:30-03:30 PM	01/23/15-03/13/15	 OHEC 233	Horst K	10 of 10
	M-----	08:30-03:30 PM	01/26/15-03/09/15	 OHEC 235		

Kansas Senate Bill SB 155

NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, October 24th. 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 October 24th to ensure enrollment.


Requirement: unavailable

12209 003 F2F	M-W----	08:30-03:30 PM	01/21/15-03/11/15	 OHEC 233	Brown D	10 of 10
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Kansas Senate Bill SB 155

NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, October 24th. 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 October 24th to ensure enrollment.


Requirement: unavailable

12211 005 F2F	M-W----	05:30-08:30 PM	01/26/15-05/20/15	 OHEC 233	Waechter J	10 of 10
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Kansas Senate Bill SB 155

NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, October 24th. 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 October 24th to ensure enrollment.


Requirement: unavailable

12212 006 F2F	-T-R---	05:00-08:00 PM	01/27/15-05/21/15	 LCS	Pravecek C	10 of 10
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Kansas Senate Bill SB 155

NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, October 24th. 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 October 24th to ensure enrollment.


Requirement: unavailable

12213 007 F2F	-T-R---	04:30-07:30 PM	01/27/15-05/21/15	 OHEC 235	Kuria J	10 of 10
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Kansas Senate Bill SB 155

NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, October 24th. 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 October 24th to ensure enrollment.


Requirement: unavailable

12215 009 F2F	M-W-F--	08:30-03:30 PM	01/21/15-02/25/15	 LCS	Schaffer B	10 of 10
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Kansas Senate Bill SB 155

NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, October 24th. 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 October 24th to ensure enrollment.

Requirement: unavailable

12216 111 F2F	M-WR---	05:00-08:00 PM	03/02/15-05/20/15	 OHEC 231	Holzrichter A	10 of 10
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Kansas Senate Bill SB 155

NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, October 24th. 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 October 24th to ensure enrollment.

ensure enrollment.

Requirement: unavailable

12218	112 F2F	M-----	08:30-03:30 PM	03/23/15-05/11/15	OHEC 235	Horst K	10 of 10
		---F--	08:30-03:30 PM	03/27/15-05/15/15	OHEC 233		

Kansas Senate Bill SB 155

NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, October 24th. 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 October 24th to ensure enrollment.

Requirement: unavailable

12222	113 F2F	M-W-F--	08:30-03:00 PM	03/30/15-05/08/15	LCS	Schaffer B	10 of 10
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Kansas Senate Bill SB 155

NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, October 24th. 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 October 24th to ensure enrollment.

Requirement: unavailable

12226	376 HYB	-T-----	08:30-03:30 PM	01/20/15-03/10/15	OHEC 235	Reischman C	10 of 10
		-----	-	01/20/15-03/10/15	Online		

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, October 24th. 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 October 24th to ensure enrollment.

Requirement: unavailable

12227	377 HYB	--W----	08:00-03:00 PM	01/21/15-03/11/15	OHEC 231	Kobularcik L	10 of 10
		-----	-	01/21/15-03/11/15	Online		

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, October 24th. 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 October 24th to ensure enrollment.

Requirement: unavailable

12228	378 HYB	--W----	08:00-03:00 PM	03/23/15-05/13/15	OHEC 235	Kobularcik L	10 of 10
		-----	-	03/23/15-05/13/15	Online		

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, October 24th. 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 October 24th to ensure enrollment.

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/spring/coursedescriptions/avho/#AVHO_103)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12030 117 F2F	----S-	09:00-04:30 PM	02/07/15-02/21/15	 OHEC 231	Waechter J	20 of 20
12045 119 F2F	-T----	08:30-04:00 PM	04/07/15-04/21/15	 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/spring/coursedescriptions/avho/#AVHO_104)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12017 110 F2F	-T-R---	08:30-02:30 PM	01/20/15-03/12/15	 OHEC 241	Dillon E	15 of 15
Kansas Senate Bill SB 155						
12018 122 F2F	-T-R---	08:30-02:30 PM	03/24/15-05/14/15	 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](http://www.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/spring/coursedescriptions/avho/#AVHO_106)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12016 120 F2F	----S-	08:00-03:30 PM	04/25/15-05/09/15	 OHEC 235	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](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.



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/spring/coursedescriptions/avho/#AVHO_108)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12046 123 F2F	-T-R---	05:00-09:00 PM	02/17/15-02/26/15	 OHEC 241	Wiley K	20 of 20
12050 124 F2F	----S-	08:30-04:30 PM	04/04/15-04/11/15	 OHEC 241	Wiley K	20 of 20

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 BIOL 110.

Credit Hours: 2

Outline (http://catalog.jccc.edu/spring/coursedescriptions/biol/#BIOL_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10689 001 F2F	--W----	04:00-05:50 PM	01/21/15-05/22/15	CLB 314	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.

10690 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Berry S	24 of 24
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NOTE: Students requiring a nutrition class for a BSN nursing degree or allied health must take BIOL 235, not BIOL 110.

BIOL 115 - Natural History of Kansas

Natural History of Kansas describes physical and biological processes that have led to the present Kansas landscape. Physical science topics include geology, climate patterns and soil formation. Biological science topics include ecology and a survey of the plants and animals of Kansas. The course will consider how the physical and biological environment relates to past and present human resource uses. 3 hrs. lecture/wk. Two 7-hr. Saturday labs required.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/biol/#BIOL_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12823 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Williams D	24 of 24

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/spring/coursedescriptions/biol/#BIOL_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11064 001 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	CLB 316	Finch D	28 of 28
	Lab ----F--	09:00-10:50 AM	01/23/15-05/22/15	SCI 207		
11065 002 F2F	Lab -T-----	09:00-10:50 AM	01/20/15-05/22/15	SCI 207	Loring D	28 of 28
	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CLB 316		
11066 003 F2F	Lab -T-----	09:30-11:20 AM	01/20/15-05/22/15	SCI 203	Vickers J	28 of 28
	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CLB 314		
11067 004 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CLB 316	Loring D	28 of 28
	Lab ----F--	11:00-12:50 PM	01/23/15-05/22/15	SCI 207		
11068 005 F2F	Lab -T-----	12:00-01:50 PM	01/20/15-05/22/15	SCI 203	Vickers J	28 of 28
	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CLB 314		
11070 006 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CLB 314	Vickers J	28 of 28
	Lab ---R---	09:30-11:20 AM	01/22/15-05/22/15	SCI 207		
11072 007 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CLB 316	Arico J	28 of 28
	Lab M-----	01:00-02:50 PM	01/26/15-05/22/15	SCI 203		
11074 008 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	CLB 314	Vickers J	28 of 28
	Lab ---R---	12:00-01:50 PM	01/22/15-05/22/15	SCI 207		
11075 009 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	CLB 316	Jacobs R	28 of 28
	Lab --W----	02:00-03:50 PM	01/21/15-05/22/15	SCI 207		
11078 010 F2F	-T-R---	09:30-10:50 AM	01/20/15-05/22/15	CLB 314	Decelles P	28 of 28
	Lab -T-----	01:00-02:50 PM	01/20/15-05/22/15	SCI 207		
11080 011 F2F	-T-R---	11:00-12:20 PM	01/20/15-05/22/15	CLB 314	Loring D	28 of 28
	Lab --W----	11:00-12:50 PM	01/21/15-05/22/15	SCI 203		
11082 012 F2F	-T-R---	11:00-12:20 PM	01/20/15-05/22/15	CLB 316	Merricks J	28 of 28
	Lab -T-----	02:00-03:50 PM	01/20/15-05/22/15	SCI 203		
11083 013 F2F	-T-R---	12:30-01:50 PM	01/20/15-05/22/15	CLB 314	Loring D	28 of 28
	Lab --W----	01:00-02:50 PM	01/21/15-05/22/15	SCI 203		
11086 050 F2F	Lab --W----	06:00-07:50 PM	01/21/15-05/22/15	SCI 207	Brink M	28 of 28
	M-----	06:00-08:50 PM	01/26/15-05/22/15	CLB 316		
11088 051 F2F	-T-----	07:00-09:50 PM	01/20/15-05/22/15	CLB 314	Gargesh R	28 of 28
	Lab ---R---	06:00-07:50 PM	01/22/15-05/22/15	SCI 207		
11090 380 HYB	-----	-	01/20/15-05/22/15	Online	Decelles P	28 of 28

Lab --W---- 06:00-07:50 PM 01/21/15-05/22/15 SCI 203

Note: The labs for this section are mandatory.

11091 381 HYB ----- - 01/20/15-05/22/15 Online Decelles P 28 of 28

Lab -T----- 03:00-04:50 PM 01/21/15-05/22/15 SCI 207

Note: The labs for this section are mandatory.

11085 382 HYB ----- - 02/02/15-05/22/15 Online Stawinski S 12 of 12

Lab ----S- 01:00-04:50 PM 02/07/15-02/07/15 SCI 207

Lab ----S- 01:00-02:50 PM 02/14/15-05/09/15 SCI 207

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/spring/coursedescriptions/biol/#BIOL_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11093 400 MED	-----	-	01/20/15-05/22/15		Gargesh R	24 of 24

Note: Students will receive their syllabus/TV information packet via their JCCC email account. Should you not receive a packet prior to the first day of class, please contact the instructor. Students can view the series on DVD, available thru the Billington Library Reserve Desk. Broadcast schedule is forthcoming.

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/spring/coursedescriptions/biol/#BIOL_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11094 001 F2F	M-W-F--	01:00-03:20 PM	01/21/15-05/22/15	CLB 407	Giambrone S	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/spring/coursedescriptions/biol/#BIOL_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11096 001 F2F	M-W-F--	08:00-10:20 AM	01/21/15-05/22/15	CLB 407	Holcroft Benson N	24 of 24
11097 002 F2F	-T-R---	12:30-03:20 PM	01/20/15-05/22/15	CLB 407	Seibel D	24 of 24
11098 050 F2F	-T-R---	06:00-09:20 PM	01/20/15-05/22/15	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/spring/coursedescriptions/biol/#BIOL_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11113 001 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	SCI 118	Layne R	24 of 24
11115 002 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	SCI 118	Layne R	24 of 24
11117 003 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	SCI 118	Menzel J	24 of 24
11119 004 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	SCI 118	Menzel J	24 of 24
11121 005 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	SCI 118	Menzel J	24 of 24
11123 006 F2F	-T-R---	09:30-10:50 AM	01/20/15-05/22/15	SCI 118	Witters L	24 of 24
11124 007 F2F	-T-R---	11:00-12:20 PM	01/20/15-05/22/15	SCI 118	Dolan C	24 of 24
11126 008 F2F	-T-R---	02:00-03:20 PM	01/20/15-05/22/15	SCI 118	Dolan C	24 of 24
11128 050 F2F	--W----	06:00-08:59 PM	02/04/15-05/22/15	SCI 118	Faculty	12 of 12
11129 051 F2F	---R---	06:00-08:50 PM	01/22/15-05/22/15	SCI 118	Oden J	24 of 24
11131 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Follo J	24 of 24

Note: All assignments and exams are submitted online.

11133 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Follo J	24 of 24
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Note: All assignments and exams are submitted online. This section is intended for those students who are planning to major in early childhood or K-12

education. The course material is tailored towards formal and non-formal environmental education. Those students planning on pursuing a degree/certification other than in education should take a different section.

11135 352 ONLINE ----- - 01/20/15-05/22/15 Online Follo J 12 of 12

Note: This is a late start course. All assignments and exams are submitted online. This section is intended for those students who are planning to major in early childhood or K-12 education. The course material is tailored towards formal and non-formal environmental education. Those students planning on pursuing a degree/certification other than in education should take a different section.

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/spring/coursedescriptions/biol/#BIOL_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11138 001 F2F	Lab M-----	11:00-12:50 PM	01/26/15-05/22/15	CLB 303	Layne R	24 of 24
11142 002 F2F	Lab M-----	02:00-03:50 PM	01/26/15-05/22/15	CLB 303	Layne R	24 of 24
11144 003 F2F	Lab -T-----	02:00-03:50 PM	01/20/15-05/22/15	CLB 303	Faculty	24 of 24
11146 004 F2F	Lab --W----	09:00-10:50 AM	01/21/15-05/22/15	CLB 303	Faculty	24 of 24
11147 005 F2F	Lab --W----	02:00-03:50 PM	01/21/15-05/22/15	CLB 303	Layne R	24 of 24
11153 006 F2F	Lab ---R---	11:00-12:50 PM	01/22/15-05/22/15	CLB 303	Faculty	24 of 24
11155 050 F2F	Lab -T-----	06:00-07:50 PM	01/20/15-05/22/15	CLB 303	Faculty	24 of 24
11157 350 ONLINE	Lab ----- -		01/20/15-05/22/15	Online	Follo J	24 of 24

Note: This online lab will require students have a computer and internet access. This online lab requires access to a camera and the ability to load photos into D2L. There is a lab every week with some of the labs requiring students go to local areas to assess flora and fauna. The lab exams are given online.

11159 351 ONLINE Lab ----- - 01/20/15-05/22/15 Online Oden J 24 of 24

Note: This online lab will require students have a computer and internet access. This online lab requires access to a camera and the ability to load photos into D2L. There is a lab every week with some of the labs requiring students go to local areas to assess flora and fauna. The lab exams are given online.

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/spring/coursedescriptions/biol/#BIOL_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11161 350 ONLINE	-----	-	01/20/15-05/22/15	Online	Mulcahy E	24 of 24

Note: All assignments and exams are submitted online. Students are required to complete online orientation.

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/spring/coursedescriptions/biol/#BIOL_135)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
11163 001 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	RC 370	Olsen R	24 of 24
	Lab --W----	09:00-10:50 AM	01/21/15-05/22/15	RC 345		
11164 002 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	RC 370	Giambrone S	24 of 24
	Lab M-----	10:00-11:50 AM	01/26/15-05/22/15	RC 345		
11176 003 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	RC 370	Mozingo L	24 of 24
	Lab M-----	08:00-09:50 AM	01/26/15-05/22/15	RC 345		
11177 004 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	RC 370	Mozingo L	24 of 24
	Lab M-----	02:00-03:50 PM	01/26/15-05/22/15	RC 345		
11178 005 F2F	-T-R---	09:30-10:50 AM	01/20/15-05/22/15	RC 370	Giambrone S	24 of 24
	Lab -T-----	11:00-12:50 PM	01/20/15-05/22/15	RC 345		
11179 006 F2F	-T-R---	12:30-01:50 PM	01/20/15-05/22/15	RC 370	Soykan K	24 of 24
	Lab ---R---	02:00-03:50 PM	01/22/15-05/22/15	RC 345		
11180 050 F2F	-T-----	06:00-06:50 PM	01/20/15-05/22/15	RC 370	Arico J	24 of 24
	Lab -T-----	07:00-08:50 PM	01/20/15-05/22/15	RC 345		

---R--- 06:00-07:50 PM 01/22/15-05/22/15 RC 370

11181 380 HYB ----- - 01/20/15-05/22/15 Online Harmon M 24 of 24

Lab ---R--- 10:00-11:50 AM 01/22/15-05/22/15 RC 345

Note: Laboratory sessions are mandatory. The lecture for this section will be conducted online. Exams will be taken in the Testing Center on campus, in SC 334. Students are required to complete online orientation.

11182 381 HYB ----- - 01/20/15-05/22/15 Online Mulcahy E 24 of 24

Lab -----S- 08:00-04:00 PM 01/24/15-01/24/15 RC 345

Lab -----S- 08:00-04:00 PM 02/21/15-02/21/15 RC 345

Lab -----S- 08:00-04:00 PM 03/28/15-03/28/15 RC 345

Lab -----S- 08:00-04:00 PM 04/18/15-04/18/15 RC 345

Note: Laboratory sessions are mandatory. The lecture for this section will be conducted online. Exams will be taken in the Testing Center on campus, in SC 334. Students are required to complete online orientation.

12847 382 HYB Lab -T----- 02:00-05:50 PM 01/20/15-03/15/15 RC 345 Harmon M 12 of 12

----- - 01/20/15-03/15/15 Online

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 \(http://catalog.jccc.edu/spring/coursedescriptions/biol/#BIOL_140\)](http://catalog.jccc.edu/spring/coursedescriptions/biol/#BIOL_140)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
11185 001 F2F	M-W-F--	08:00-09:50 AM	01/21/15-05/22/15	CLB 313	LaBarge M	24 of 24

Kansas Senate Bill SB 155

11186 002 F2F	M-W-F--	10:00-11:50 AM	01/21/15-05/22/15	CLB 313	LaBarge M	24 of 24
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Kansas Senate Bill SB 155

11187 003 F2F	M-W-F--	01:00-02:50 PM	01/21/15-05/22/15	CLB 313	LaBarge M	24 of 24
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Kansas Senate Bill SB 155

11188 004 F2F	M-W-F--	03:00-04:50 PM	01/21/15-05/22/15	CLB 313	Lasley L	24 of 24
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Kansas Senate Bill SB 155

11189 005 F2F	M-W----	10:00-12:50 PM	01/21/15-05/22/15	CLB 309	Makarov A	24 of 24
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Kansas Senate Bill SB 155

11190 006 F2F	M-W----	01:00-03:50 PM	01/21/15-05/22/15	CLB 309	Makarov A	24 of 24
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Kansas Senate Bill SB 155

11191 007 F2F	M-W-F--	04:00-05:50 PM	01/21/15-05/22/15	CLB 309	Brown S	24 of 24
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Kansas Senate Bill SB 155

11193 008 F2F -T-R--- 09:30-12:20 PM 01/20/15-05/22/15 CLB 313 Makarov A 24 of 24

Kansas Senate Bill SB 155

11194 009 F2F -T-R--- 12:30-03:20 PM 01/20/15-05/22/15 CLB 313 Makarov A 24 of 24

Kansas Senate Bill SB 155

11195 010 F2F -T-R--- 07:30-10:29 AM 02/03/15-05/22/15 CLB 309 Lasley L 12 of 12

Kansas Senate Bill SB 155

11204 011 F2F -T-R--- 11:00-01:50 PM 01/20/15-05/22/15 CLB 309 Blodig J 24 of 24

Kansas Senate Bill SB 155

11206 012 F2F -T-R--- 02:00-04:50 PM 01/20/15-05/22/15 CLB 309 Blodig J 24 of 24


Kansas Senate Bill SB 155

11192 050 F2F M-W---- 06:00-08:50 PM 01/21/15-05/22/15 CLB 309 Seibel D 24 of 24


Kansas Senate Bill SB 155

11207 051 F2F -T-R--- 06:00-08:50 PM 01/20/15-05/22/15 CLB 309 Blodig J 24 of 24


Kansas Senate Bill SB 155

11210 200 F2F M-W-F-- 09:00-10:50 AM 01/21/15-05/22/15  OHEC 107 Sherry R 24 of 24

Kansas Senate Bill SB 155

11211 201 F2F M-W-F-- 11:00-12:50 PM 01/21/15-05/22/15  OHEC 107 Sherry R 24 of 24

Kansas Senate Bill SB 155

11214 202 F2F M-W---- 06:00-08:50 PM 01/21/15-05/22/15  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/spring/coursedescriptions/biol/#BIOL_144)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11216 001 F2F	M-W-F--	07:00-09:20 AM	01/21/15-05/22/15	SCI 103	Clark M	24 of 24
Kansas Senate Bill SB 155						
11217 002 F2F	M-W-F--	09:30-11:50 AM	01/21/15-05/22/15	SCI 103	Chorn J	24 of 24

Kansas Senate Bill SB 155

11218 003 F2F M-W-F-- 01:00-03:20 PM 01/21/15-05/22/15 SCI 103 Andrews C 24 of 24

Kansas Senate Bill SB 155

11219 004 F2F -T-R--- 07:30-10:50 AM 01/20/15-05/22/15 SCI 103 Chorn J 24 of 24

Kansas Senate Bill SB 155

11220 005 F2F -T-R--- 11:00-02:20 PM 01/20/15-05/22/15 SCI 103 Baumgardner B 24 of 24


Kansas Senate Bill SB 155

11244 006 F2F -T-R--- 02:30-05:50 PM 01/20/15-05/22/15 SCI 103 Rupp P 24 of 24


Kansas Senate Bill SB 155

11245 050 F2F M-W---- 06:00-09:20 PM 01/21/15-05/22/15 SCI 103 Chorn J 24 of 24


Kansas Senate Bill SB 155

11246 200 F2F -T-R--- 08:00-11:20 AM 01/20/15-05/22/15  OHEC 107 Frailey C 24 of 24

Kansas Senate Bill SB 155

11247 201 F2F M-W-F-- 02:30-04:50 PM 01/21/15-05/22/15  OHEC 107 Sullivan C 24 of 24

Kansas Senate Bill SB 155

11248 202 F2F -T-R--- 01:00-04:20 PM 01/20/15-05/22/15  OHEC 107 Frailey C 24 of 24

Kansas Senate Bill SB 155

11250 380 HYB ----- - 01/20/15-05/22/15 Online Baumgardner B 24 of 24

-T----- 06:00-09:50 PM 01/27/15-01/27/15 SCI 103

-T----- 06:00-09:50 PM 02/10/15-02/10/15 SCI 103

-T----- 06:00-09:50 PM 02/24/15-02/24/15 SCI 103

-T----- 06:00-09:50 PM 03/10/15-03/10/15 SCI 103

-T----- 06:00-09:50 PM 03/31/15-03/31/15 SCI 103

-T----- 06:00-09:50 PM 04/14/15-04/14/15 SCI 103

-T----- 06:00-09:50 PM 04/28/15-04/28/15 SCI 103

-T----- 06:00-09:50 PM 05/12/15-05/12/15 SCI 103

Kansas Senate Bill SB 155

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

11372 381 HYB ----- - 01/26/15-05/22/15 Online Baumgardner B 24 of 24

-T----- 06:00-09:50 PM 02/03/15-02/03/15 SCI 103

-T----- 06:00-09:50 PM 02/17/15-02/17/15 SCI 103

-T----- 06:00-09:50 PM 03/03/15-03/03/15 SCI 103

-T----- 06:00-09:50 PM 03/24/15-03/24/15 SCI 103

-T----- 06:00-09:50 PM 04/07/15-04/07/15 SCI 103

-T----- 06:00-09:50 PM 04/21/15-04/21/15 SCI 103

-T----- 06:00-09:50 PM 05/05/15-05/05/15 SCI 103

-T----- 06:00-09:50 PM 05/19/15-05/19/15 SCI 103

Kansas Senate Bill SB 155

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

11373 382 HYB	-----	-	01/20/15-05/22/15	Online	Shopper M	24 of 24
	---R---	06:00-09:50 PM	01/22/15-01/22/15	SCI 103		
	---R---	06:00-09:50 PM	02/05/15-02/05/15	SCI 103		
	---R---	06:00-09:50 PM	02/19/15-02/19/15	SCI 103		
	---R---	06:00-09:50 PM	03/05/15-03/05/15	SCI 103		
	---R---	06:00-09:50 PM	03/26/15-03/26/15	SCI 103		
	---R---	06:00-09:50 PM	04/09/15-04/09/15	SCI 103		
	---R---	06:00-09:50 PM	04/23/15-04/23/15	SCI 103		
	---R---	06:00-09:50 PM	05/07/15-05/07/15	SCI 103		

Kansas Senate Bill SB 155

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

11375 383 HYB	-----	-	01/20/15-05/22/15	Online	Shopper M	24 of 24
	---R---	06:00-09:50 PM	01/29/15-01/29/15	SCI 103		
	---R---	06:00-09:50 PM	02/12/15-02/12/15	SCI 103		
	---R---	06:00-09:50 PM	02/26/15-02/26/15	SCI 103		
	---R---	06:00-09:50 PM	03/12/15-03/12/15	SCI 103		
	---R---	06:00-09:50 PM	04/02/15-04/02/15	SCI 103		
	---R---	06:00-09:50 PM	04/16/15-04/16/15	SCI 103		
	---R---	06:00-09:50 PM	04/30/15-04/30/15	SCI 103		
	---R---	06:00-09:50 PM	05/14/15-05/14/15	SCI 103		

Kansas Senate Bill SB 155

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

11378 384 HYB	-----	-	01/20/15-05/22/15	Online	Frailey C	24 of 24
	----F--	05:00-09:50 PM	01/23/15-01/23/15	SCI 103		
	----F--	05:00-09:50 PM	02/13/15-02/13/15	SCI 103		
	----F--	05:00-09:50 PM	02/20/15-02/20/15	SCI 103		
	----F--	05:00-09:50 PM	03/13/15-03/13/15	SCI 103		
	----F--	05:00-09:50 PM	03/27/15-03/27/15	SCI 103		
	----F--	05:00-09:50 PM	04/17/15-04/17/15	SCI 103		
	----F--	05:00-09:50 PM	04/24/15-04/24/15	SCI 103		
	----F--	05:00-09:50 PM	05/15/15-05/15/15	SCI 103		

Kansas Senate Bill SB 155

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

11379 385 HYB	-----	-	01/20/15-05/22/15	Online	Clark M	24 of 24
	----S-	02:00-05:50 PM	01/24/15-01/24/15	SCI 103		

-----S-	02:00-05:50 PM	02/07/15-02/07/15	SCI 103
-----S-	02:00-05:50 PM	02/21/15-02/21/15	SCI 103
-----S-	02:00-05:50 PM	03/07/15-03/07/15	SCI 103
-----S-	02:00-05:50 PM	03/28/15-03/28/15	SCI 103
-----S-	02:00-05:50 PM	04/11/15-04/11/15	SCI 103
-----S-	02:00-05:50 PM	04/25/15-04/25/15	SCI 103
-----S-	02:00-05:50 PM	05/09/15-05/09/15	SCI 103

Kansas Senate Bill SB 155

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

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/spring/coursedescriptions/biol/#BIOL_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11381 001 F2F	Lab --W----	11:00-12:50 PM	01/21/15-05/22/15	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/spring/coursedescriptions/biol/#BIOL_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12850 001 F2F	-T-R---	08:00-11:20 AM	01/20/15-05/22/15	CLB 407	Holcroft Benson N	24 of 24
11383 050 F2F	M-W----	06:00-09:20 PM	01/21/15-05/22/15	CLB 407	Holcroft Benson N	24 of 24

BIOL 155 - Bioethics

This course introduces students to the scientific, ethical and legal issues relevant to the discipline of biology and those raised by the rapid development of new biological technologies. Students will examine the major theories of ethics, including deontology, utilitarianism, and select others. Topics include: beginning of life issues such as contraception, abortion, and nontraditional methods of human reproduction; end of life issues such as advance healthcare directives and physician-assisted suicide; and other issues such as experimentation on human and animal subjects and human environmental impacts. 3 hrs. lecture/wk. BIOL 155 and PHIL 155 are the same courses; only enroll in one.

Note: BIOL 155 and PHIL 155 are the same course, do not enroll in both.

Credit Hours: 3

Prerequisite: BIOL 121 or high school biology with department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/biol/#BIOL_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12824 001 F2F	--W----	07:00-09:50 PM	01/21/15-05/22/15	SCI 124	Williams D	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/spring/coursedescriptions/biol/#BIOL_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11384 001 F2F	Lab --W----	11:00-01:50 PM	01/21/15-05/22/15	RC 345	Decelles P	24 of 24
	M-W----	02:30-03:50 PM	01/21/15-05/22/15	RC 370		

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/spring/coursedescriptions/biol/#BIOL_214)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11386 001 F2F	M-----	03:00-04:15 PM	01/26/15-05/22/15	CLB 213	Rothrock K	24 of 24

BIOL 215 - Introduction to Teaching Math and Science II

Students learn about the middle school environment and work on math and science inquiry-based lesson analysis, design and assessment. Student partners will plan and teach three inquiry-based lessons in a middle school. The course emphasizes writing 5E lesson plans with a focus on the importance of using appropriate questioning and assessment strategies throughout the lesson, as well as how to analyze and modify a lesson based on personal reflections and observer feedback. By the completion of the course, students should be able to reflect on their personal suitability/interest in teaching secondary math or science, and develop a feasible pathway to a career in teaching. MATH 215, ASTR 215, BIOL 215, CHEM 215, GEOS 215, PHYS 215 and PSCI 215 are the same course; enroll in only one. 1.25 hrs. lecture/wk.

Credit Hours: 1

Prerequisite: ASTR 214 or BIOL 214 or CHEM 214 or GEOS 214 or MATH 214 or PHYS 214 or PSCI 214 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/biol/#BIOL_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12837 001 F2F	--W----	03:00-04:15 PM	01/21/15-05/22/15	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)

Outline (http://catalog.jccc.edu/spring/coursedescriptions/biol/#BIOL_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11404 001 F2F	M-W-F--	10:00-11:50 AM	01/21/15-05/22/15	SCI 111	Wright G	24 of 24
11405 002 F2F	M-W-F--	12:00-01:50 PM	01/21/15-05/22/15	SCI 111	Wright G	24 of 24
11406 003 F2F	M-W-F--	02:00-03:50 PM	01/21/15-05/22/15	SCI 111	Bishop D	24 of 24
11407 004 F2F	-T-R---	08:00-10:50 AM	01/20/15-05/22/15	SCI 111	Thurlby K	24 of 24
12825 005 F2F	M-W----	07:00-09:50 AM	01/21/15-05/22/15	SCI 111	Menon J	24 of 24

12826 006 F2F	-T-R---	02:00-04:50 PM	01/20/15-05/22/15	SCI 111	Menon J	24 of 24
11408 050 F2F	M-W----	06:00-08:50 PM	01/21/15-05/22/15	SCI 111	Bishop D	24 of 24
11410 051 F2F	-T-R---	06:00-08:50 PM	01/20/15-05/22/15	SCI 111	Menon J	24 of 24
11411 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Pendergrass D	24 of 24

Note: Exams are taken on campus in the JCCC Testing center, SC 334. All work is computer based and will be completed online.

11413 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Pendergrass D	24 of 24
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Note: Exams are taken on campus in the JCCC Testing center, SC 334. All work is computer based and will be completed online.

11414 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Osterhaus G	24 of 24
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Note: Exams are taken on campus in the JCCC Testing center, SC 334. All work is computer based and will be completed online.

11415 353 ONLNE	-----	-	01/20/15-05/22/15	Online	Osterhaus G	24 of 24
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Note: Exams are taken on campus in the JCCC Testing center, SC 334. All work is computer based and will be completed online.

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/spring/coursedescriptions/biol/#BIOL_227)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11467 001 F2F	-T-R---	11:00-12:50 PM	01/20/15-05/22/15	SCI 111	Menon J	24 of 24
11427 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Clark M	24 of 24
11466 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Clark M	24 of 24

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/spring/coursedescriptions/biol/#BIOL_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11468 001 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	SCI 116	Bird M	28 of 28
11470 002 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	SCI 116	Cunningham J	28 of 28
11471 003 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	SCI 116	Cunningham J	28 of 28
11473 004 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	SCI 116	Cunningham J	28 of 28
11474 005 F2F	-T-R---	08:00-09:20 AM	01/20/15-05/22/15	SCI 116	Seitz H	28 of 28
11476 006 F2F	-T-R---	09:30-10:50 AM	01/20/15-05/22/15	SCI 116	Seitz H	28 of 28
11477 007 F2F	-T-R---	11:00-12:20 PM	01/20/15-05/22/15	SCI 116	Cunningham J	28 of 28
11478 050 F2F	M-W----	06:00-07:20 PM	01/21/15-05/22/15	SCI 116	Oden J	28 of 28
11480 051 F2F	-T-R---	06:00-07:20 PM	01/20/15-05/22/15	SCI 116	Olsen R	28 of 28
11481 350 ONLNE	-----	-	02/02/15-05/22/15	Online	Mulcahy E	12 of 12

Note: Exams will be taken in the Testing Center in SC 334, at the JCCC campus. Students are required to complete online orientation.

11482 351 ONLNE	-----	-	02/02/15-05/22/15	Online	Mulcahy E	12 of 12
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Note: Exams will be taken in the Testing Center in SC 334, at the JCCC campus. Students are required to complete online orientation.

11483 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Seitz H	28 of 28
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Note: Exams will be taken in the Testing Center in SC 334, at the JCCC campus. Students are required to complete online orientation.

11485 353 ONLNE	-----	-	01/20/15-05/22/15	Online	Seitz H	28 of 28
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Note: The remaining 2 hours of lecture for this section will be conducted online.

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/spring/coursedescriptions/biol/#BIOL_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11493 001 F2F	Lab M-W----	08:00-09:50 AM	01/21/15-05/22/15	SCI 113	Hontz J	24 of 24
11494 002 F2F	Lab M-W----	10:00-11:50 AM	01/21/15-05/22/15	SCI 113	Wolfgram L	24 of 24
11495 003 F2F	Lab M-W----	12:00-01:50 PM	01/21/15-05/22/15	SCI 113	Wolfgram L	24 of 24
11496 004 F2F	Lab M-W----	10:00-11:50 AM	01/21/15-05/22/15	RC 372	Soykan K	16 of 16
11497 005 F2F	Lab M-W----	02:00-03:50 PM	01/21/15-05/22/15	SCI 113	Wolfgram L	24 of 24
11499 006 F2F	Lab -T-R---	08:00-09:50 AM	01/20/15-05/22/15	SCI 113	Cunningham J	24 of 24
11500 007 F2F	Lab -T-R---	09:30-11:20 AM	01/20/15-05/22/15	RC 372	Mulcahy E	16 of 16
11502 008 F2F	Lab -T-R---	10:00-11:50 AM	01/20/15-05/22/15	SCI 113	Wolfgram L	24 of 24
11503 009 F2F	Lab -T-R---	12:00-01:50 PM	01/20/15-05/22/15	SCI 113	Seitz H	24 of 24
11504 010 F2F	Lab -T-R---	02:00-03:50 PM	01/20/15-05/22/15	SCI 113	Seitz H	24 of 24
12842 011 F2F	Lab -----S-	09:00-12:50 PM	01/24/15-05/22/15	SCI 113	Olsen R	24 of 24
11506 050 F2F	Lab M-W----	07:30-09:20 PM	01/21/15-05/22/15	SCI 113	Oden J	24 of 24
11507 051 F2F	Lab -T-R---	07:30-09:20 PM	01/20/15-05/22/15	SCI 113	Scott G	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 Prerequisite or Corequisite: BIOL 225)]

Outline (http://catalog.jccc.edu/spring/coursedescriptions/biol/#BIOL_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11511 001 F2F	-T-R---	11:00-12:20 PM	01/20/15-05/22/15	SCI 124	Able B	24 of 24
Kansas Senate Bill SB 155						
11513 050 F2F	-T-----	05:00-07:50 PM	01/20/15-05/22/15	CLB 316	Riley M	24 of 24
Kansas Senate Bill SB 155						
11514 051 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	CLB 314	Able B	24 of 24
Kansas Senate Bill SB 155						

11516 200 F2F M-W-F-- 09:00-09:50 AM 01/21/15-05/22/15  OHEC 105 Able B 24 of 24

Kansas Senate Bill SB 155

11517 350 ONLNE ----- - 01/20/15-05/22/15 Online Berry S 24 of 24

Kansas Senate Bill SB 155

11528 351 ONLNE ----- - 01/20/15-05/22/15 Online Berry S 24 of 24

Kansas Senate Bill SB 155

11529 352 ONLNE ----- - 01/20/15-05/22/15 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/spring/coursedescriptions/biol/#BIOL_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11530 350 ONLNE	-----	-	01/20/15-05/22/15	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 on campus.

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/spring/coursedescriptions/biot/#BIOT_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11791 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Wolfgram L	15 of 15

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/spring/coursedescriptions/biot/#BIOT_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11792 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Wolfgram L	15 of 15

Kansas Senate Bill SB 155

BIOT 260 - Biotechnology Methods

This course is an introduction to the theory and laboratory techniques in molecular biology, protein biochemistry and immunology with an emphasis on gene expression and regulation, recombinant DNA, RNA transcription, and protein translation. Laboratory emphasis will be on molecular biological techniques utilized in modern research and industrial laboratories. Techniques include growth and maintenance of E. coli, gene cloning, DNA and protein electrophoresis protein purification and enzymatic and immunology assays. Lecture and laboratory exercises on the principles and practices of initiation, cultivation, maintenance, preservation of cell culture lines and applications will also be covered. 3 hrs lecture, 6 hrs. lab/wk.

Credit Hours: 5

Prerequisites: BIOT 160 and BIOT 165 and Prerequisite or corequisite: BIOT 230 *All prerequisites and/or corequisites require a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/biot/#BIOT_260)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11793 001 F2F	M-W----	11:00-12:20 PM	01/21/15-05/22/15	RC 370	Harmon M	16 of 16
	Lab M-W----	01:00-03:50 PM	01/21/15-05/22/15	RC 372		

Kansas Senate Bill SB 155

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/spring/coursedescriptions/biot/#BIOT_265)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11795 500 INT	-----	-	01/20/15-05/22/15		Wolfgram L	10 of 10

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/spring/coursedescriptions/bot/#BOT_101)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11320 001 F2F	M-W----	01:00-02:15 PM	03/30/15-04/27/15	GEB 351B	Hedberg M	12 of 12
12861 002 F2F	M-----	06:00-08:40 PM	04/06/15-05/04/15	GEB 351B	Tatum D	12 of 12
11321 350 ONLNE	-----	-	01/20/15-02/19/15	Online	Hedberg M	22 of 22
	---R---	03:00-05:50 PM	02/19/15-02/19/15	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/spring/coursedescriptions/bot/#BOT_103)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11323 001 F2F	M-W----	11:00-12:15 PM	01/21/15-05/22/15	GEB 353B	Leiker C	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/spring/coursedescriptions/bot/#BOT_105)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11330 002 F2F	M-W----	11:00-12:15 PM	01/21/15-05/22/15	GEB 353A	Hedberg M	18 of 18
11332 003 F2F	-T-R--	09:30-10:45 AM	01/20/15-05/22/15	GEB 353A	Hedberg M	18 of 18
11333 004 F2F	---R---	06:00-08:40 PM	01/22/15-05/22/15	GEB 353B	Horne S	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/spring/coursedescriptions/bot/#BOT_106)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11334 001 F2F	M-W----	01:00-02:15 PM	01/21/15-05/22/15	GEB 353B	Leiker C	18 of 18
Kansas Senate Bill SB 155						
11337 003 F2F	--W----	06:00-08:40 PM	01/21/15-05/22/15	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/spring/coursedescriptions/bot/#BOT_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11339 001 F2F	M-----	09:00-10:25 AM	01/26/15-03/30/15	GEB 353B	Mealman K	10 of 10
11340 002 F2F	---R---	06:00-08:40 PM	04/09/15-05/07/15	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.

Credit Hours: 1

Outline (http://catalog.jccc.edu/spring/coursedescriptions/bot/#BOT_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11342 001 F2F	-T-R---	12:30-01:45 PM	04/07/15-05/07/15	GEB 351B	Leiker C	12 of 12
Kansas Senate Bill SB 155						
11343 002 F2F	M-----	06:00-08:40 PM	02/23/15-03/30/15	GEB 351B	Tatum D	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

Credit Hours: 1

Prerequisite: BOT 110

Outline (http://catalog.jccc.edu/spring/coursedescriptions/bot/#BOT_118)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11346 001 F2F	M-----	09:00-10:25 AM	01/26/15-03/30/15	GEB 353B	Mealman K	8 of 8

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.

Credit Hours: 1

Prerequisite: BOT 105

Outline (http://catalog.jccc.edu/spring/coursedescriptions/bot/#BOT_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11348 001 F2F	M-----	06:00-08:40 PM	04/06/15-05/04/15	GEB 353B	Mealman K	18 of 18

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/spring/coursedescriptions/bot/#BOT_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11350 002 F2F	--W----	06:00-08:40 PM	04/08/15-05/06/15	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/spring/coursedescriptions/bot/#BOT_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11351 001 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	GEB 351B	Leiker C	12 of 12

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/spring/coursedescriptions/bot/#BOT_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11352 001 F2F	M-W----	01:00-02:15 PM	01/21/15-05/22/15	GEB 353A	Mealman K	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/spring/coursedescriptions/bot/#BOT_142)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12853 001 F2F	--W----	02:00-04:50 PM	01/21/15-05/22/15	RC 221	Faculty	15 of 15

Kansas Senate Bill SB 155

12854 002 F2F	---F--	02:00-04:50 PM	01/23/15-05/22/15	RC 221	Faculty	15 of 15
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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/spring/coursedescriptions/bot/#BOT_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11354 001 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	GEB 353A	Leiker C	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/spring/coursedescriptions/bot/#BOT_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11360 001 F2F	-T-R---	12:30-01:45 PM	01/20/15-04/02/15	GEB 353B	Leiker C	18 of 18

Kansas Senate Bill SB 155

11361 002 F2F	--W----	06:00-08:50 PM	01/21/15-04/01/15	GEB 351B	Smith B	12 of 12
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Kansas Senate Bill SB 155

BOT 170 - Medical Coding and Billing

This course is designed to give the student an overview of the medical insurance billing process. This includes becoming acquainted with ICD-9, HCPCS and CPT procedural coding systems as well as Blue Cross/Blue Shield, Medicaid, Medicare and Champus/Champva programs. Students will be given hands-on coding advice for optimal insurance reimbursement. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: HC 130

Outline (http://catalog.jccc.edu/spring/coursedescriptions/bot/#BOT_170)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11362 001 F2F	--W----	06:00-08:40 PM	01/21/15-05/22/15	GEB 353A	Faculty	18 of 18

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/spring/coursedescriptions/bot/#BOT_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11363 001 F2F	---R---	06:00-07:15 PM	01/22/15-04/02/15	GEB 351B	Johnstone B	12 of 12

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/spring/coursedescriptions/bot/#BOT_185)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11364 001 F2F	--W----	09:00-10:15 AM	01/21/15-04/01/15	GEB 353B	Mealman K	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/spring/coursedescriptions/bot/#BOT_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11365 001 F2F	-T-R---	11:00-12:15 PM	04/07/15-05/07/15	GEB 353A	Hedberg M	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/spring/coursedescriptions/bot/#BOT_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11366 001 F2F	-T-R---	11:00-12:15 PM	01/20/15-04/02/15	GEB 353B	Hedberg M	18 of 18

Kansas Senate Bill SB 155

BOT 265 - Computerized Office Applications

Upon successful completion of this course, the student will be able to use the basic features of word processing, database, spreadsheet and presentation applications. The student will also use advanced features to complete simulated office applications and to perform multitasking projects. This course is taught in the spring semester only. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: BOT 106 and BOT 130 and BOT 255 (This capstone course should be taken near the end of the degree or certificate program)

Outline (http://catalog.jccc.edu/spring/coursedescriptions/bot/#BOT_265)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11367 001 F2F	-T-----	06:00-08:40 PM	01/20/15-05/22/15	GEB 351B	Johnstone B	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/spring/coursedescriptions/bot/#BOT_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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/spring/coursedescriptions/bot/#BOT_280)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11369 500 INT	-----	-	01/20/15-05/22/15		Hedberg M	30 of 30
	--W----	05:00-05:55 PM	01/21/15-01/21/15	GEB 353B		

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/spring/coursedescriptions/bus/#BUS_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10749 001 F2F	----F--	06:00-09:30 PM	04/10/15-04/24/15	GEB 258	Courtney S	24 of 24
	-----S-	08:00-06:30 PM	04/11/15-04/25/15	GEB 258		

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10750 001 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	GEB 258	Horner E	24 of 24
Kansas Senate Bill SB 155						
10751 002 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	GEB 258	Gallagher K	24 of 24
Kansas Senate Bill SB 155						
10752 003 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	GEB 258	Gallagher K	24 of 24
Kansas Senate Bill SB 155						
10753 004 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	ITC 183	Horner E	18 of 18
Kansas Senate Bill SB 155						
10754 005 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	GEB 258	Clopton J	24 of 24
Kansas Senate Bill SB 155						
10755 006 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	ITC 187	Fleming S	17 of 17
Kansas Senate Bill SB 155						
10756 007 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	GEB 258	Sopcich J	24 of 24
Kansas Senate Bill SB 155						
10757 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Gallagher K	22 of 22
Kansas Senate Bill SB 155						
10758 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Gallagher K	22 of 22
Kansas Senate Bill SB 155						
10759 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Gallagher K	22 of 22
Kansas Senate Bill SB 155						
10760 353 ONLNE	-----	-	01/20/15-05/22/15	Online	Gallagher K	22 of 22
Kansas Senate Bill SB 155						
10761 354 ONLNE	-----	-	01/20/15-05/22/15	Online	Noel M	22 of 22
Kansas Senate Bill SB 155						
10762 355 ONLNE	-----	-	01/20/15-05/22/15	Online	Noel M	22 of 22
Kansas Senate Bill SB 155						
10763 356 ONLNE	-----	-	01/20/15-05/22/15	Online	Noel M	22 of 22
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.

Credit Hours: 3

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

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10765 001 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	GEB 379	Forbes H	22 of 22
10766 002 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	OCB 142	Lundeen S	22 of 22
10767 003 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	GEB 379	Faculty	22 of 22
10768 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Hussein S	22 of 22
10769 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Hussein S	22 of 22
10770 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Hussein S	22 of 22
10771 353 ONLNE	-----	-	01/20/15-05/22/15	Online	Noel M	22 of 22
10772 354 ONLNE	-----	-	01/20/15-05/22/15	Online	Noel M	22 of 22
10773 355 ONLNE	-----	-	03/09/15-05/04/15	Online	Noel M	22 of 22

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 \(http://catalog.jccc.edu/spring/coursedescriptions/bus/#BUS_140\)](http://catalog.jccc.edu/spring/coursedescriptions/bus/#BUS_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10774 001 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	ITC 187	Postlewait J	17 of 17
Kansas Senate Bill SB 155						
10775 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Webb F	22 of 22
Kansas Senate Bill SB 155						
10776 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Webb F	22 of 22
Kansas Senate Bill SB 155						
10777 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Webb F	22 of 22
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/spring/coursedescriptions/bus/#BUS_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10778 001 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	SCI 120	Kolich R	18 of 18
Kansas Senate Bill SB 155						
10780 002 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	OCB 246	Faculty	30 of 30
Kansas Senate Bill SB 155						
10781 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Webb F	22 of 22
Kansas Senate Bill SB 155						
10783 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Webb F	22 of 22
Kansas Senate Bill SB 155						
10784 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Webb F	22 of 22
Kansas Senate Bill SB 155						
10785 353 ONLNE	-----	-	01/20/15-05/22/15	Online	Webb F	22 of 22
Kansas Senate Bill SB 155						
10787 354 ONLNE	-----	-	01/20/15-05/22/15	Online	Nikravan S	22 of 22
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/spring/coursedescriptions/bus/#BUS_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10788 001 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	OCB 142	Feagan C	24 of 24
Kansas Senate Bill SB 155						
10789 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Feagan C	22 of 22

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/spring/coursedescriptions/bus/#BUS_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10790 001 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	GEB 379	Anderson K	22 of 22
Kansas Senate Bill SB 155						
10791 002 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	GEB 379	Nikravan S	22 of 22
Kansas Senate Bill SB 155						
10792 003 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	GEB 379	Paldino L	17 of 17
Kansas Senate Bill SB 155						
10793 004 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	CC 329	Faculty	24 of 24
Kansas Senate Bill SB 155						
10794 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Faculty	22 of 22
Kansas Senate Bill SB 155						
10795 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Hughey K	22 of 22
Kansas Senate Bill SB 155						
10797 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Gaines K	22 of 22
Kansas Senate Bill SB 155						
10798 353 ONLNE	-----	-	01/20/15-05/22/15	Online	Gaines K	22 of 22
Kansas Senate Bill SB 155						
10800 354 ONLNE	-----	-	01/20/15-05/22/15	Online	Stannard J	22 of 22
Kansas Senate Bill SB 155						
10802 355 ONLNE	-----	-	01/26/15-05/22/15	Online	Haverty M	22 of 22
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/spring/coursedescriptions/bus/#BUS_175)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10805 001 F2F	-T-----	02:00-04:30 PM	01/27/15-05/22/15	RC 342	Duffey D	18 of 18

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/spring/coursedescriptions/bus/#BUS_215)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10806 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Fleming S	22 of 22

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/spring/coursedescriptions/bus/#BUS_225)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10810 001 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	GEB 317	Richards H	30 of 30
10812 002 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	GEB 258	Richards H	24 of 24
10813 003 F2F	-T-R--	02:00-03:15 PM	01/20/15-05/22/15	GEB 258	Ferguson G	24 of 24
10814 004 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	CC 324	Ferguson G	24 of 24

10816 006 F2F	----F--	06:00-09:30 PM	02/13/15-02/27/15	GEB 258	Hughey K	24 of 24
	----S-	08:00-06:30 PM	02/14/15-02/28/15	GEB 258		
10817 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Korb J	22 of 22
10818 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Korb J	22 of 22
10819 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Smith J	22 of 22

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/spring/coursedescriptions/bus/#BUS_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10820 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Hussein S	22 of 22
Kansas Senate Bill SB 155						
10821 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Hussein S	22 of 22
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/spring/coursedescriptions/bus/#BUS_243)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10822 001 F2F	M-W-F--	02:00-02:50 PM	01/21/15-05/22/15	GEB 258	Richards H	24 of 24
Kansas Senate Bill SB 155						
10823 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Hussein S	22 of 22
Kansas Senate Bill SB 155						

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>)Outline (http://catalog.jccc.edu/spring/coursedescriptions/bus/#BUS_261)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10825 001 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	ITC 183	Baker M	18 of 18
Kansas Senate Bill SB 155						
10826 002 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	ATB 132	Hawk G	30 of 30
Kansas Senate Bill SB 155						
10827 003 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	LIB 353B	Crawford T	24 of 24
Kansas Senate Bill SB 155						
10828 004 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	GEB 258	Crawford T	32 of 32
Kansas Senate Bill SB 155						
10829 005 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	ITC 183	Bedell T	18 of 18
Kansas Senate Bill SB 155						
10830 006 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	GEB 258	Waldman E	32 of 32
Kansas Senate Bill SB 155						
10831 007 F2F	---R---	06:00-08:50 PM	01/22/15-05/22/15	CC 324	Feagan C	24 of 24
Kansas Senate Bill SB 155						
10832 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Crawford T	22 of 22
Kansas Senate Bill SB 155						
10833 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Crawford T	22 of 22
Kansas Senate Bill SB 155						
10834 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Hawk G	22 of 22
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

Outline (http://catalog.jccc.edu/spring/coursedescriptions/bus/#BUS_263)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10835 001 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	LIB 353B	Crawford T	24 of 24
Kansas Senate Bill SB 155						
12862 002 F2F	---R---	06:00-08:50 PM	01/22/15-05/22/15	GEB 258	Baker M	24 of 24
Kansas Senate Bill SB 155						
10836 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Pener M	22 of 22
Kansas Senate Bill SB 155						
10837 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Stewart-Ayala N	22 of 22
Kansas Senate Bill SB 155						

BUS 270 - Business Administration Internship

Upon successful completion of this course, the student will 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 business administration. A minimum of 8 or more hours a week of on-the-job training is required.

Credit Hours: 1

Associated Costs: \$25-\$100

Outline (http://catalog.jccc.edu/spring/coursedescriptions/bus/#BUS_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10857 960 IND	-----	-	01/20/15-05/22/15	Online	Hussein S	9 of 9

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/spring/coursedescriptions/cdtp/#CDTP_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11687 001 F2F	-T-----	06:00-08:45 PM	01/20/15-02/17/15	RC 376	Faculty	15 of 15
Kansas Senate Bill SB 155						
11688 002 F2F	---R---	12:00-02:45 PM	01/22/15-02/19/15	RC 374	Hincks B	15 of 15
Kansas Senate Bill SB 155						
11689 003 F2F	---R---	03:00-05:45 PM	01/22/15-02/19/15	RC 376	Faculty	15 of 15
Kansas Senate Bill SB 155						
11690 004 F2F	M-----	03:00-05:45 PM	01/26/15-02/23/15	RC 374	Faculty	15 of 15
Kansas Senate Bill SB 155						
11692 005 F2F	-T-----	08:00-10:45 AM	02/24/15-03/31/15	RC 374	Faculty	15 of 15
Kansas Senate Bill SB 155						
11693 006 F2F	-T-----	11:00-01:45 PM	02/24/15-03/31/15	RC 374	Faculty	15 of 15
Kansas Senate Bill SB 155						
11698 008 F2F	---R---	11:00-01:45 PM	02/26/15-04/02/15	RC 374	Faculty	15 of 15
Kansas Senate Bill SB 155						
11700 010 F2F	M-----	12:00-02:45 PM	03/02/15-04/06/15	RC 374	Hincks B	15 of 15
Kansas Senate Bill SB 155						
11701 350 ONLNE	-----	-	01/26/15-02/23/15	Online	Faculty	15 of 15
Kansas Senate Bill SB 155						
11702 351 ONLNE	-----	-	03/02/15-04/06/15	Online	Faculty	15 of 15
Kansas Senate Bill SB 155						
11703 352 ONLNE	-----	-	03/02/15-04/06/15	Online	Faculty	15 of 15
Kansas Senate Bill SB 155						
11704 353 ONLNE	-----	-	04/13/15-05/11/15	Online	Faculty	15 of 15
Kansas Senate Bill SB 155						
11705 354 ONLNE	-----	-	04/13/15-05/11/15	Online	Faculty	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/spring/coursedescriptions/cdtp/#CDTP_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11706 001 F2F	-T-----	06:00-08:45 PM	01/20/15-02/17/15	RC 374	Faculty	15 of 15
Kansas Senate Bill SB 155						
11707 002 F2F	-T-----	08:00-10:45 AM	04/07/15-05/05/15	RC 374	Hincks B	15 of 15
Kansas Senate Bill SB 155						
11709 003 F2F	-T-----	11:00-01:45 PM	04/07/15-05/05/15	RC 374	Faculty	15 of 15
Kansas Senate Bill SB 155						
11710 004 F2F	---R---	11:00-01:45 PM	04/09/15-05/07/15	RC 374	Faculty	15 of 15
Kansas Senate Bill SB 155						
11711 005 F2F	M-----	12:00-02:45 PM	04/13/15-05/11/15	RC 374	Faculty	15 of 15
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.

Credit Hours: 1

Associated Costs: \$15 to 90

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cdtp/#CDTP_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11712 001 F2F	-T-----	08:00-10:45 AM	01/20/15-02/17/15	RC 374	Hincks B	15 of 15
Kansas Senate Bill SB 155						
11713 002 F2F	-T-----	12:00-02:45 PM	01/20/15-02/17/15	RC 374	Hincks B	15 of 15
Kansas Senate Bill SB 155						
11714 003 F2F	--W----	12:00-02:45 PM	01/21/15-02/18/15	RC 374	Hincks B	15 of 15
Kansas Senate Bill SB 155						
11716 005 F2F	M-----	12:00-02:45 PM	01/26/15-02/23/15	RC 374	Hincks B	15 of 15
Kansas Senate Bill SB 155						
11717 006 F2F	M-----	06:00-08:45 PM	01/26/15-02/23/15	RC 374	Hincks B	15 of 15
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.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CDTP 135

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cdtp/#CDTP_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11718 001 F2F	-T-----	06:00-08:45 PM	02/24/15-03/31/15	RC 376	Faculty	15 of 15
Kansas Senate Bill SB 155						
11719 002 F2F	---R---	03:00-05:45 PM	02/26/15-04/02/15	RC 376	Faculty	15 of 15
Kansas Senate Bill SB 155						
11720 003 F2F	M-----	03:00-05:45 PM	03/02/15-04/06/15	RC 374	Faculty	15 of 15
Kansas Senate Bill SB 155						
11721 350 ONLNE	-----	-	03/02/15-04/06/15	Online	Faculty	15 of 15
Kansas Senate Bill SB 155						
11722 351 ONLNE	-----	-	04/13/15-05/11/15	Online	Faculty	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.

Credit Hours: 1

Associated Costs: \$15 to 90

Prerequisite: CDTP 140

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cdtp/#CDTP_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11723 001 F2F	-T-----	06:00-08:45 PM	02/24/15-03/31/15	RC 374	Faculty	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/spring/coursedescriptions/cdtp/#CDTP_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11724 001 F2F	--W----	12:00-02:45 PM	02/25/15-04/01/15	RC 374	Hincks B	15 of 15

Kansas Senate Bill SB 155

11725 002 F2F	M-----	06:00-08:45 PM	03/02/15-04/06/15	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/spring/coursedescriptions/cdtp/#CDTP_168)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11726 001 F2F	-T-----	06:00-08:45 PM	04/07/15-05/05/15	RC 374	Faculty	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/spring/coursedescriptions/cdtp/#CDTP_175)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11727 001 F2F	-T-----	06:00-08:45 PM	04/07/15-05/05/15	RC 376	Faculty	15 of 15
Kansas Senate Bill SB 155						
11728 002 F2F	---R---	03:00-05:45 PM	04/09/15-05/07/15	RC 376	Faculty	15 of 15
Kansas Senate Bill SB 155						
11729 350 ONLNE	-----	-	04/13/15-05/11/15	Online	Faculty	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/spring/coursedescriptions/cdtp/#CDTP_185)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11730 001 F2F	--W----	12:00-02:45 PM	04/08/15-05/06/15	RC 374	Hincks B	15 of 15
Kansas Senate Bill SB 155						
11731 002 F2F	M-----	06:00-08:45 PM	04/13/15-05/11/15	RC 374	Hincks B	15 of 15
Kansas Senate Bill SB 155						

Civil Engineering Technology

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/spring/coursedescriptions/cet/#CET_105)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
12492 001 F2F	M-W----	12:00-02:30 PM	01/21/15-03/11/15	ITC 188	Dye R	18 of 18

12493 376 HYB	-----	-	01/20/15-03/11/15	Online	Moore T	18 of 18
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	M-W----	08:00-09:30 PM	01/21/15-03/11/15	ITC 185		
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CET 123 - Building Codes

This course examines the organization, intent and use of building codes in general and the International Building Code in particular. Students will cover the reasons codes exist and how they form an integral part of the design criteria for every building project. Additional topics include building types, fire protection, accessibility, roofs, foundations, and interiors/exteriors. This course is offered in the spring semester. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cet/#CET_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12494 001 F2F	---R---	07:30-09:50 PM	01/22/15-05/22/15	ITC 188	Zarrelli C	18 of 18

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/spring/coursedescriptions/cet/#CET_125)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
12495 001 F2F	M-W----	06:00-07:50 PM	01/21/15-03/11/15	ITC 185	Dye R	18 of 18

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 \(http://catalog.jccc.edu/spring/coursedescriptions/cet/#CET_129\)](http://catalog.jccc.edu/spring/coursedescriptions/cet/#CET_129)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
12496 376 HYB	-----	-	01/20/15-03/15/15	Online	Dye R	18 of 18
	M-W----	03:30-05:50 PM	01/21/15-03/11/15	ITC 185		

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CET 140 - Civil Engineering Materials

Upon successful completion of this course, the student will be able to analyze materials commonly used in civil engineering construction projects. Common properties of soil, concrete and asphalt will be studied for classification as engineering materials. Students will learn to perform typical materials tests in accordance with ASTM guidelines. This course is typically offered in the spring semester. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Prerequisite or corequisite: MATH 116 or higher

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/cet/#CET_140\)](http://catalog.jccc.edu/spring/coursedescriptions/cet/#CET_140)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
12497 001 F2F	-T-----	05:00-07:45 PM	01/20/15-05/22/15	ITC 185	Zarrelli C	18 of 18
	Lab ---R---	05:30-07:15 PM	01/22/15-05/22/15	ITC 185		

Kansas Senate Bill SB 155

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 \(http://catalog.jccc.edu/spring/coursedescriptions/cet/#CET_150\)](http://catalog.jccc.edu/spring/coursedescriptions/cet/#CET_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12498 001 F2F	----F--	01:00-03:50 PM	01/23/15-05/22/15	ITC 181	Gilmore S	18 of 18

Kansas Senate Bill SB 155

CET 205 - Advanced Construction Methods

This course explores various building materials and how they are assembled during the construction process. Topics include wood, brick masonry, steel, concrete, and sustainable construction. Emphasis is placed on field construction techniques over building materials, which is presented in the introductory construction methods course. This course is offered in the spring

semester. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: CET 105

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cet/#CET_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12499 001 F2F	M-W----	12:00-02:30 PM	03/23/15-05/13/15	ITC 185	Dye R	18 of 18

Kansas Senate Bill SB 155

CET 225 - Construction Documents

This course covers general documents used before, during, and after construction. Topics include document submittals, procurement, bidding, negotiating, and addenda. Modifications, claims, disputes, and payment are also addressed. This course is offered in the spring semester. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: CET 125

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cet/#CET_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12500 001 F2F	M-W----	06:00-07:50 PM	03/23/15-05/13/15	ITC 185	Dye R	18 of 18

Kansas Senate Bill SB 155

CET 270 - Fluid Mechanics

Upon successful completion of this course, the student should be able to analyze fluid systems using the fundamental properties of pressure, hydrostatic force, buoyancy, flow in pipes, open channel flow, hydrology, and stormwater best management practices (BMP.) The student should also be able to solve practical problems related to engineering technology. Computer applications will be included. This course is typically offered in the spring semester. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: MATH 131 or MATH 172

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cet/#CET_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12501 001 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	ITC 181	Johnson S	20 of 20

Kansas Senate Bill SB 155

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 \(http://catalog.jccc.edu/spring/coursedescriptions/chem/#CHEM_120\)](http://catalog.jccc.edu/spring/coursedescriptions/chem/#CHEM_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11539 350 ONLNE	-----	-	02/02/15-05/22/15	Online	Clark M	12 of 12

Note: Students enrolling in this course will be required to attend Saturday on-campus laboratory sessions. Students should contact the instructor one week prior to classes beginning.

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 \(http://catalog.jccc.edu/spring/coursedescriptions/chem/#CHEM_122\)](http://catalog.jccc.edu/spring/coursedescriptions/chem/#CHEM_122)

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
11540 001 F2F	-T-----	07:00-09:50 AM	01/20/15-05/22/15	SCI 216	Herron B	24 of 24
	---R---	07:00-07:50 AM	01/22/15-05/22/15	SCI 216		
	Lab ---R---	08:00-10:50 AM	01/22/15-05/22/15	SCI 215		
11541 002 F2F	M-W----	08:00-09:50 AM	01/21/15-05/22/15	SCI 216	Elisabeth E	24 of 24
	Lab ----F--	08:00-10:50 AM	01/23/15-05/22/15	SCI 215		
11542 003 F2F	Lab -T-----	08:00-10:50 AM	01/20/15-05/22/15	SCI 215	Faculty	24 of 24
	M-WRF--	08:00-08:50 AM	01/21/15-05/22/15	SCI 218		
11543 004 F2F	Lab --W----	09:00-11:50 AM	01/21/15-05/22/15	SCI 215	Cannell K	24 of 24
	M---F--	09:00-10:50 AM	01/23/15-05/22/15	SCI 218		
11544 005 F2F	-TWRF--	10:00-10:50 AM	01/20/15-05/22/15	SCI 216	Agah A	24 of 24

	Lab	M-----	10:00-12:50 PM	01/26/15-05/22/15	SCI 215		
11545 006 F2F		--W-F--	12:00-01:50 PM	01/21/15-05/22/15	SCI 216	Harvey M	24 of 24
	Lab	M-----	12:00-02:50 PM	01/26/15-05/22/15	SCI 213		
11551 007 F2F		M-W----	12:00-01:50 PM	01/21/15-05/22/15	SCI 218	Cannell K	24 of 24
	Lab	----F--	12:00-02:50 PM	01/23/15-05/22/15	SCI 213		
11552 008 F2F		M-W----	11:00-11:50 AM	01/21/15-05/22/15	SCI 218	Boutte J	24 of 24
	Lab	--W----	12:00-02:50 PM	01/21/15-05/22/15	SCI 215		
		----F--	11:00-12:50 PM	01/23/15-05/22/15	SCI 218		
11553 009 F2F		--W----	01:00-03:50 PM	01/21/15-05/22/15	SCI 114	Maradiaga A	24 of 24
		M-----	01:00-01:50 PM	01/26/15-05/22/15	SCI 114		
	Lab	M-----	02:00-04:50 PM	01/26/15-05/22/15	SCI 215		
11554 010 F2F		M-W----	02:00-03:50 PM	02/02/15-05/22/15	SCI 216	Thomas K	12 of 12
	Lab	----F--	02:00-04:50 PM	02/06/15-05/22/15	SCI 215		
11555 011 F2F		-T-----	11:00-11:50 AM	01/20/15-05/22/15	SCI 216	Cannell K	24 of 24
	Lab	-T-----	12:00-02:50 PM	01/20/15-05/22/15	SCI 215		
		---R---	11:00-01:50 PM	01/22/15-05/22/15	SCI 216		
11556 050 F2F		--W----	06:00-08:50 PM	01/21/15-05/22/15	SCI 216	Scholtz S	24 of 24
		M-----	06:00-06:50 PM	01/26/15-05/22/15	SCI 216		
	Lab	M-----	07:00-09:50 PM	01/26/15-05/22/15	SCI 215		
11557 051 F2F		--W----	06:00-06:50 PM	01/21/15-05/22/15	SCI 218	Herron B	24 of 24
	Lab	--W----	07:00-09:50 PM	01/21/15-05/22/15	SCI 215		
		M-----	06:00-08:50 PM	01/26/15-05/22/15	SCI 218		
11558 052 F2F		-T-----	06:00-06:50 PM	01/20/15-05/22/15	SCI 216	Clark M	24 of 24
	Lab	-T-----	07:00-09:50 PM	01/20/15-05/22/15	SCI 215		
		---R---	06:00-08:50 PM	01/22/15-05/22/15	SCI 216		
11559 053 F2F		-T-----	06:00-08:50 PM	01/20/15-05/22/15	SCI 218	Weems J	24 of 24
		---R---	06:00-06:50 PM	01/22/15-05/22/15	SCI 218		
	Lab	---R---	07:00-09:50 PM	01/22/15-05/22/15	SCI 215		
11560 380 HYB		-----	-	01/20/15-05/22/15	Online	Harvey M	24 of 24
		--W----	09:00-10:50 AM	01/21/15-05/22/15	SCI 218		
	Lab	M-----	09:00-11:50 AM	01/26/15-05/22/15	SCI 213		

Note: Labs are mandatory. A portion of the lecture for this course will be conducted online. Students should email the course instructor one week prior to classes beginning.

11561 381 HYB	-----	-	01/20/15-05/22/15	Online	Harvey M	24 of 24
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Lab	----F--	09:00-11:50 AM	01/23/15-05/22/15	SCI 213
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Note: Labs are mandatory. A portion of the lecture for this course will be conducted online. Students should email the course instructor one week prior to classes beginning.

11562 382 HYB	-----	-	01/20/15-05/22/15	Online	Thomas K	24 of 24
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Lab	----F--	11:00-01:50 PM	01/23/15-05/22/15	SCI 215
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Note: Labs are mandatory. A portion of the lecture for this course will be conducted online. Students should email the course instructor one week prior to classes beginning.

11563 383 HYB	-----	-	01/20/15-05/22/15	Online	Elisabeth E	24 of 24
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M-----	06:00-06:50 PM	01/26/15-05/22/15	SCI
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Lab	M-----	07:00-09:50 PM	01/26/15-05/22/15	SCI 213
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Note: Labs are mandatory. A portion of the lecture for this course will be conducted online. Students should email the course instructor one week prior to classes beginning.

11564 384 HYB	-----	-	01/20/15-05/22/15	Online	Clark M	24 of 24
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Lab	---R---	11:00-01:50 PM	01/22/15-05/22/15	SCI 215
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Note: Labs are mandatory. A portion of the lecture for this course will be conducted online. Students should email the course instructor one week prior to classes beginning.

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/spring/coursedescriptions/chem/#CHEM_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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11565 001 F2F	MTWRF--	08:00-08:50 AM	01/20/15-05/22/15	SCI 114	Egan G	24 of 24
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Co-requisite to enroll in CHEM 125 (CRN 11650)

11566 002 F2F	MTWRF--	09:00-09:50 AM	01/20/15-05/22/15	SCI 114	Egan G	24 of 24
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Co-requisite to enroll in CHEM 125 (CRN 11651)

11567 003 F2F	MTWRF--	10:00-10:50 AM	01/20/15-05/22/15	SCI 114	Egan G	24 of 24
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Co-requisite to enroll in CHEM 125 (CRN 11652)

11568 004 F2F	MTWRF--	11:00-11:50 AM	01/20/15-05/22/15	SCI 114	Elisabeth E	24 of 24
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Co-requisite to enroll in CHEM 125 (CRN 11653)

11569 005 F2F	MTWRF--	12:00-12:50 PM	01/20/15-05/22/15	SCI 114	Robinson J	24 of 24
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Co-requisite to enroll in CHEM 125 (CRN 11654)

11571 006 F2F M-W-F-- 11:00-12:20 PM 01/21/15-05/22/15 SCI 124 Jacobsen F 24 of 24

Co-requisite to enroll in CHEM 125 (CRN 11655)

11570 007 F2F M-W-F-- 01:00-02:20 PM 01/21/15-05/22/15 SCI 124 Jacobsen F 24 of 24

Co-requisite to enroll in CHEM 125 (CRN 11656)

11644 008 F2F -TW---- 09:30-10:50 AM 01/20/15-05/22/15 SCI 121 Byers D 24 of 24

---R--- 09:30-11:20 AM 01/22/15-05/22/15 SCI 121

Co-requisite to enroll in CHEM 125 (CRN 11657)

11647 050 F2F --W---- 06:00-06:50 PM 01/21/15-05/22/15 SCI 114 Fell L 24 of 24

M----- 06:00-09:50 PM 01/26/15-05/22/15 SCI 114

Co-requisite to enroll in CHEM 125 (CRN 11658)

11648 051 F2F -T----- 06:00-06:50 PM 01/20/15-05/22/15 SCI 114 Monzyk M 24 of 24

---R--- 06:00-09:50 PM 01/22/15-05/22/15 SCI 114

Co-requisite to enroll in CHEM 125 (CRN 11659)

11649 350 ONLNE ----- - 01/20/15-05/22/15 Online Byers D 24 of 24

Co-requisite to enroll in CHEM 125 (CRN 11660)

Note: Students are required to come to a Virtual chat room once a week. The times are normally 7pm on Sunday and Tuesday evenings throughout the semester. These times are subject to change. The lecture tests and the final are taken in the Testing Center in SC 334 at JCCC.

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/spring/coursedescriptions/chem/#CHEM_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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11650 001 F2F	Lab	M-----	11:00-01:50 PM	01/26/15-05/22/15	SCI 211	Egan G	24 of 24
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Co-requisite to enroll in CHEM 124 (CRN 11565)

11651 002 F2F	Lab	-T-----	02:00-04:50 PM	01/20/15-05/22/15	SCI 211	Egan G	24 of 24
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Co-requisite to enroll in CHEM 124 (CRN 11566)

11652 003 F2F	Lab	---R---	11:00-01:50 PM	01/22/15-05/22/15	SCI 211	Price K	24 of 24
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Co-requisite to enroll in CHEM 124 (CRN 11567)

11653 004 F2F	Lab	---R---	08:00-10:50 AM	01/22/15-05/22/15	SCI 211	Elisabeth E	24 of 24
Co-requisite to enroll in CHEM 124 (CRN 11568)							
11654 005 F2F	Lab	M-----	02:00-04:50 PM	01/26/15-05/22/15	SCI 211	Robinson J	24 of 24
Co-requisite to enroll in CHEM 124 (CRN 11569)							
11655 006 F2F	Lab	---R---	02:00-04:50 PM	01/22/15-05/22/15	SCI 211	Robinson J	24 of 24
Co-requisite to enroll in CHEM 124 (CRN 11571)							
11656 007 F2F	Lab	-T-----	11:00-01:50 PM	01/20/15-05/22/15	SCI 211	Jacobsen F	24 of 24
Co-requisite to enroll in CHEM 124 (CRN 11570)							
11657 008 F2F	Lab	--W----	11:00-01:50 PM	01/21/15-05/22/15	SCI 211	Byers D	24 of 24
Co-requisite to enroll in CHEM 124 (CRN 11644)							
11658 050 F2F	Lab	--W----	07:00-09:50 PM	01/21/15-05/22/15	SCI 211	Fell L	24 of 24
Co-requisite to enroll in CHEM 124 (CRN 11647)							
11659 051 F2F	Lab	-T-----	07:00-09:50 PM	01/20/15-05/22/15	SCI 211	Monzyk M	24 of 24
Co-requisite to enroll in CHEM 124 (CRN 11648)							
11660 052 F2F	Lab	M-----	06:00-08:50 PM	01/26/15-05/22/15	SCI 211	Byers D	24 of 24
Co-requisite to enroll in CHEM 124 (CRN 11649)							

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/spring/coursedescriptions/chem/#CHEM_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11661 001 F2F	MTWR---	08:00-08:50 AM	01/20/15-05/22/15	GEB 217	Lehman W	24 of 24
Co-requisite to enroll in CHEM 132 (CRN 11677)						
11662 002 F2F	MTWR---	09:00-09:50 AM	01/20/15-05/22/15	GEB 217	Lehman W	24 of 24
Co-requisite to enroll in CHEM 132 (CRN 11678)						
11663 003 F2F	MTWR---	10:00-10:50 AM	01/20/15-05/22/15	GEB 217	Slavin L	24 of 24
Co-requisite to enroll in CHEM 132 (CRN 11679)						
11664 004 F2F	MTWR---	11:00-11:50 AM	01/20/15-05/22/15	GEB 217	Franklin P	24 of 24

Co-requisite to enroll in CHEM 132 (CRN 11680)

11665	005 F2F	MTWR---	01:00-01:50 PM	01/20/15-05/22/15	GEB 217	Franklin P	24 of 24
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Co-requisite to enroll in CHEM 132 (CRN 11681)

11666	050 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	GEB 217	Ogdon F	24 of 24
		---R---	06:00-06:50 PM	01/22/15-05/22/15	GEB 217		

Co-requisite to enroll in CHEM 132 (CRN 11682)

11676	350 ONLINE	-----	-	01/20/15-05/22/15	Online	Franklin P	24 of 24
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Co-requisite to enroll in CHEM 132 (CRN 11683)

Note: A mandatory meeting will be held prior to course start. You must bring your JCCC Student ID Card. Contact the instructor prior to classes beginning.

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/spring/coursedescriptions/chem/#CHEM_132)

CRN		Days	Time	Date	Location	Instructor	Seats Open
11677	001 F2F	Lab -T-----	11:00-01:50 PM	01/20/15-05/22/15	SCI 213	Lehman W	24 of 24
Co-requisite to enroll in CHEM 131 (CRN 11661)							
11678	002 F2F	Lab --W----	11:00-01:50 PM	01/21/15-05/22/15	SCI 213	Lehman W	24 of 24
Co-requisite to enroll in CHEM 131 (CRN 11662)							
11679	003 F2F	Lab ---R---	11:00-01:50 PM	01/22/15-05/22/15	SCI 213	Slavin L	24 of 24
Co-requisite to enroll in CHEM 131 (CRN 11663)							
11680	004 F2F	Lab -T-----	02:00-04:50 PM	01/20/15-05/22/15	SCI 213	Franklin P	24 of 24
Co-requisite to enroll in CHEM 131 (CRN 11664)							
11681	005 F2F	Lab --W----	02:00-04:50 PM	01/21/15-05/22/15	SCI 213	Franklin P	24 of 24
Co-requisite to enroll in CHEM 131 (CRN 11665)							
11682	050 F2F	Lab ---R---	07:00-09:50 PM	01/22/15-05/22/15	SCI 213	Ogdon F	24 of 24
Co-requisite to enroll in CHEM 131 (CRN 11666)							
11683	051 F2F	Lab --W----	05:30-08:20 PM	01/21/15-05/22/15	SCI 213	Franklin P	24 of 24
Co-requisite to enroll in CHEM 131 (CRN 11676)							

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/spring/coursedescriptions/chem/#CHEM_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11684 380 HYB	-----	-	01/20/15-05/22/15	Online	Thomas K	24 of 24
	Lab ----S-	09:00-05:00 PM	01/24/15-01/24/15	SCI 215		
	Lab ----S-	09:00-05:00 PM	02/07/15-02/07/15	SCI 215		
	Lab ----S-	09:00-05:00 PM	02/21/15-02/21/15	SCI 215		
	Lab ----S-	09:00-05:00 PM	03/28/15-03/28/15	SCI 215		
	Lab ----S-	09:00-05:00 PM	04/25/15-04/25/15	SCI 215		
	Lab ----S-	09:00-05:00 PM	05/09/15-05/09/15	SCI 215		

Note: Students enrolling in this course will be required to attend Saturday on-campus laboratory sessions. Students should contact the instructor one week prior to classes beginning.

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/spring/coursedescriptions/chem/#CHEM_214)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11685 001 F2F	M-----	03:00-04:15 PM	01/26/15-05/22/15	CLB 213	Rothrock K	24 of 24

CHEM 215 - Introduction to Teaching Math and Science II

Students learn about the middle school environment and work on math and science inquiry-based lesson analysis, design and assessment. Student partners will plan and teach three inquiry-based lessons in a middle school. The course emphasizes writing 5E lesson plans with a focus on the importance of using appropriate questioning and assessment strategies throughout the lesson, as well as how to analyze and modify a lesson based on personal reflections and observer feedback. By the completion of the course, students should be able to reflect on their personal suitability/interest in teaching secondary math or science, and develop a feasible pathway to a career in teaching. MATH 215, ASTR 215, BIOL 215, CHEM 215, GEOS 215, PHYS 215 and PSCI 215 are the same course; enroll in only one. 1.25 hrs. lecture/wk.

Credit Hours: 1

Prerequisite: ASTR 214 or BIOL 214 or CHEM 214 or GEOS 214 or MATH 214 or PHYS 214 or PSCI 214 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/chem/#CHEM_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12838 001 F2F	--W----	03:00-04:15 PM	01/21/15-05/22/15	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/spring/coursedescriptions/chem/#CHEM_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11686 001 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	SCI 124	Watson C	24 of 24
	Lab M-W----	10:00-12:50 PM	01/21/15-05/22/15	CLB 307		
11691 050 F2F	M-W----	05:30-06:50 PM	01/21/15-05/22/15	SCI 124	Weldele M	24 of 24
	Lab M-W----	07:00-09:50 PM	01/21/15-05/22/15	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/spring/coursedescriptions/chem/#CHEM_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11694 001 F2F	-T-R---	09:30-10:50 AM	01/20/15-05/22/15	SCI 124	Watson C	24 of 24
	Lab -T-R---	11:00-01:50 PM	01/20/15-05/22/15	CLB 307		
11696 050 F2F	-T-R---	05:30-06:50 PM	01/20/15-05/22/15	SCI 124	Watson C	24 of 24
	Lab -T-R---	07:00-09:50 PM	01/20/15-05/22/15	CLB 307		

CHEM 250 - Biochemistry

This course is an introduction to the major topics in biochemistry. Topics include the major classes of biological molecules, such as proteins, lipids and nucleic acid; an overview of the major metabolic pathways; and developments and topics relating to molecular biology. 4 hrs. lecture/wk.

Credit Hours: 4

Prerequisites: CHEM 131 and CHEM 132 and CHEM 140 or CHEM 220

Outline (http://catalog.jccc.edu/spring/coursedescriptions/chem/#CHEM_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11697 001 F2F	MTWR---	07:00-07:50 AM	01/20/15-05/22/15	GEB 217	Lehman W	24 of 24

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/spring/coursedescriptions/cim/#CIM_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10908 001 F2F	M-W----	11:00-11:50 AM	01/21/15-05/22/15	RC 323	Lafferty P	16 of 16

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: COTP 135 AND prerequisite or corequisite CIM 130

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cim/#CIM_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10923 001 F2F	---F--	02:00-04:50 PM	01/23/15-05/22/15	RC 323	Lafferty P	16 of 16

Kansas Senate Bill SB 155

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/spring/coursedescriptions/cim/#CIM_200)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10916 001 F2F	-T-----	02:00-04:50 PM	01/20/15-05/22/15	RC 323	Lafferty P	16 of 16

Kansas Senate Bill SB 155

CIM 235 - Advanced Digital Video

This course provides advanced instruction in the production and applications of digital video. The course covers advanced concepts and techniques in video design and production, from the initial preproduction scripts and storyboards through actual shooting to nonlinear editing, mastering and output. The emphasis is on in-depth, advanced, practical experience in producing professional-level video products for a variety of applications, including education, corporate, documentary and entertainment. 6 hrs. integrated lecture studio/wk.

Credit Hours: 3

Prerequisite: CIM 135

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cim/#CIM_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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/spring/coursedescriptions/cim/#CIM_272)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10921 500 INT	-----	-	01/20/15-05/22/15		Hopper J	8 of 8

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/spring/coursedescriptions/cis/#CIS_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11581 002 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	RC 344	Nicholson J	20 of 20

Kansas Senate Bill SB 155

11582 003 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	RC 344	Nicholson J	20 of 20
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Kansas Senate Bill SB 155

11583 004 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	RC 344	Nicholson J	20 of 20
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Kansas Senate Bill SB 155

11584 005 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	RC 344	Faculty	20 of 20
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Kansas Senate Bill SB 155

11585 006 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	RC 344	Faculty	20 of 20
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Kansas Senate Bill SB 155

11586 007 F2F	M-W----	11:00-12:15 PM	01/21/15-05/22/15	RC 344	Nicholson J	20 of 20
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Kansas Senate Bill SB 155

11587 008 F2F	--W----	02:00-04:50 PM	01/21/15-05/22/15	RC 344	Nicholson J	20 of 20
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Kansas Senate Bill SB 155

11588 009 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	RC 347	Pihl C	17 of 17
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Kansas Senate Bill SB 155

11589 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Heckert I	15 of 15
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Kansas Senate Bill SB 155

11590 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Heckert I	15 of 15
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Kansas Senate Bill SB 155

11591 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Heckert I	15 of 15
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Kansas Senate Bill SB 155

11592 353 ONLNE	-----	-	01/20/15-05/22/15	Online	McElravy M	15 of 15
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Kansas Senate Bill SB 155

12855 354 ONLNE	-----	-	01/20/15-05/22/15	Online	Sunderland A	15 of 15
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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/spring/coursedescriptions/cis/#CIS_162)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11593 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Friedrichsen L	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/spring/coursedescriptions/cis/#CIS_201)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11594 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Stites G	15 of 15
Kansas Senate Bill SB 155						
11595 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Stites G	15 of 15
Kansas Senate Bill SB 155						
11596 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Stites G	15 of 15
Kansas Senate Bill SB 155						
11597 376 HYB	--W----	11:00-12:50 PM	01/21/15-05/22/15	RC 361	Faculty	17 of 17
	-----	-	01/21/15-05/22/15	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						
11598 377 HYB	--W----	05:30-07:20 PM	01/21/15-05/22/15	RC 361	Marrs D	17 of 17
	-----	-	01/21/15-05/22/15	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/spring/coursedescriptions/cis/#CIS_204)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11599 001 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	RC 344	Locke C	20 of 20
Kansas Senate Bill SB 155						
11600 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Faculty	15 of 15
Kansas Senate Bill SB 155						
11601 376 HYB	---R---	02:00-03:50 PM	01/22/15-05/22/15	RC 347	Faculty	17 of 17
	-----	-	01/22/15-05/22/15	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						
12856 377 HYB	M-----	11:00-12:50 PM	01/26/15-05/22/15	RC 361	Faculty	17 of 17

Kansas Senate Bill SB 155
Mandatory Classroom Meetings

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/spring/coursedescriptions/cis/#CIS_242)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11602 001 F2F	M-W----	04:00-05:15 PM	01/21/15-05/22/15	RC 361	Faculty	17 of 17

Kansas Senate Bill SB 155

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/spring/coursedescriptions/cis/#CIS_260)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11603 001 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	RC 347	Carter M	17 of 17

Kansas Senate Bill SB 155

11604 002 F2F	M-W----	06:00-07:15 PM	01/21/15-05/22/15	RC 344	Carter M	20 of 20
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Kansas Senate Bill SB 155

11605 003 F2F	---R---	06:00-08:50 PM	01/22/15-05/22/15	RC 344	Faculty	20 of 20
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Kansas Senate Bill SB 155

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/spring/coursedescriptions/cis/#CIS_264)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11606 001 F2F	-T-R---	04:30-05:45 PM	01/20/15-05/22/15	RC 361	Sunderland A	17 of 17

Kansas Senate Bill SB 155

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/spring/coursedescriptions/cis/#CIS_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11607 500 INT	-----	-	01/20/15-05/22/15		Van Gorp M	10 of 10

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Requirement: Department approval

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/spring/coursedescriptions/cis/#CIS_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11608 001 F2F	-T-R---	07:30-08:45 PM	01/20/15-05/22/15	RC 347	Faculty	15 of 15

CIS 292 - Special Topics:

This course periodically presents specialized topics in computer information systems that are not available in the regularly offered curriculum. Special Topics may be repeated for credit, but only on different topics. Total contact hours vary with topic.

Credit Hours: 2

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cis/#CIS_292)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12886 001 F2F	-T-R---	11:00-11:50 AM	01/20/15-05/22/15	RC 361	Hansen S	17 of 17

This section's title is Special Topics: Introduction to Python Programming.

Note: No programming experience required.

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/spring/coursedescriptions/co/#CO_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12132 203 F2F	M-----	05:30-09:30 PM	01/12/15-04/27/15	 WPK 180	Vasquez J	12 of 12
	-T-----	05:30-07:29 PM	01/13/15-04/28/15	 WPK 180		

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/spring/coursedescriptions/co/#CO_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12133 203 F2F	-T-----	07:30-09:30 PM	01/13/15-04/28/15	 WPK 131	Vasquez J	12 of 12
	--W----	05:30-09:30 PM	01/14/15-04/29/15	 WPK 131		

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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/spring/coursedescriptions/co/#CO_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12134 203 F2F	----S-	09:00-05:30 PM	01/17/15-05/02/15	 WPK 131	Vasquez J	12 of 12

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CO 134 - Esthetics Essentials


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 31 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: 2

Prerequisite for part- or full-time students: CO 127. Corequisites for part-time students: CO 135 and CO 136.

Corequisites for full-time students: CO 135 and CO 136 and CO 141 and CO 142 and CO 143. All courses must have a grade of "C" or higher.

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/co/#CO_134\)](http://catalog.jccc.edu/spring/coursedescriptions/co/#CO_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12135 204 F2F	MT-----	08:00-05:00 PM	01/12/15-02/03/15	 WPK 180	Vasquez J	12 of 12

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CO 135 - Esthetics Essentials 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 38 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. 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 128. Corequisites for part-time students: CO 134 and CO 136.

Corequisites for full-time students: CO 134 and CO 136 and CO 141 and CO 142 and CO 143. All courses must have a grade of "C" or higher.

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/co/#CO_135\)](http://catalog.jccc.edu/spring/coursedescriptions/co/#CO_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12136 204 F2F	--W----	08:00-05:00 PM	01/14/15-02/04/15	 WPK 131	Vasquez J	12 of 12

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CO 136 - Esthetics Essentials 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 48 clinical 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. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee.

Credit Hours: 1

Prerequisite for part- or full-time students: CO 129. Corequisites for part-time students: CO 134 and CO 135.

Corequisites for full-time students: CO 134 and CO 135 and CO 141 and CO 142 and CO 143. All courses must have a grade of "C" or higher.

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/co/#CO_136\)](http://catalog.jccc.edu/spring/coursedescriptions/co/#CO_136)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12138 204 F2F	---R---	11:00-08:00 PM	01/15/15-02/05/15	 WPK 131	Vasquez J	12 of 12
	----F--	08:00-05:00 PM	01/16/15-02/06/15	 WPK 131		

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/spring/coursedescriptions/co/#CO_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12140 205 F2F	M-----	08:00-05:00 PM	02/09/15-03/30/15	 WPK 180	Vasquez J	12 of 12

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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/spring/coursedescriptions/co/#CO_142)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12143 205 F2F	-T-----	08:00-05:00 PM	02/10/15-03/31/15	 WPK 131	Vasquez J	12 of 12

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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/spring/coursedescriptions/co/#CO_143)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12144 205 F2F	--W-F--	08:00-05:00 PM	02/11/15-04/03/15	 WPK 131	Vasquez J	12 of 12
	---R---	11:00-08:00 PM	02/12/15-04/02/15	 WPK 131		

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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/spring/coursedescriptions/cpca/#CPCA_105)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12217 001 F2F	-T-----	06:00-08:45 PM	01/20/15-02/17/15	RC 353	Faculty	17 of 17
Kansas Senate Bill SB 155						
12219 002 F2F	---R---	02:00-04:45 PM	01/22/15-02/19/15	RC 353	Faculty	17 of 17
Kansas Senate Bill SB 155						
12220 003 F2F	M-----	11:00-01:45 PM	01/26/15-02/23/15	RC 353	Faculty	17 of 17
Kansas Senate Bill SB 155						
12221 004 F2F	--W----	11:00-01:45 PM	01/28/15-02/25/15	RC 353	Faculty	17 of 17
Kansas Senate Bill SB 155						
12231 006 F2F	--W----	02:00-04:45 PM	04/08/15-05/06/15	RC 355	Faculty	17 of 17
Kansas Senate Bill SB 155						

12233 350 ONLNE	-----	-	01/21/15-02/18/15	Online	Faculty	15 of 15
Kansas Senate Bill SB 155						
12234 351 ONLNE	-----	-	01/21/15-02/18/15	Online	Faculty	15 of 15
Kansas Senate Bill SB 155						
12235 352 ONLNE	-----	-	01/21/15-02/18/15	Online	Faculty	15 of 15
Kansas Senate Bill SB 155						
12236 353 ONLNE	-----	-	03/02/15-04/06/15	Online	Faculty	15 of 15
Kansas Senate Bill SB 155						
12237 354 ONLNE	-----	-	04/13/15-05/11/15	Online	Faculty	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/spring/coursedescriptions/cpca/#CPCA_106)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12238 001 F2F	-T-----	03:00-05:45 PM	01/20/15-02/17/15	RC 374	Faculty	15 of 15
Kansas Senate Bill SB 155						
12239 350 ONLNE	-----	-	02/23/15-03/30/15	Online	Faculty	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/spring/coursedescriptions/cpca/#CPCA_108)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12240 001 F2F	-T-----	02:00-04:45 PM	04/07/15-05/05/15	RC 353	Faculty	17 of 17
Kansas Senate Bill SB 155 Microsoft Word Office 2013						

12241 350 ONLNE	-----	-	02/23/15-03/30/15	Online	Faculty	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/spring/coursedescriptions/cpca/#CPCA_109)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12242 350 ONLNE	-----	-	02/23/15-03/30/15	Online	Faculty	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/spring/coursedescriptions/cpca/#CPCA_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12243 001 F2F	-T-----	06:00-08:45 PM	02/24/15-03/31/15	RC 353	Faculty	17 of 17
Kansas Senate Bill SB 155 Microsoft Excel Office 2013						
12244 002 F2F	---R---	02:00-04:50 PM	02/26/15-04/02/15	RC 353	Faculty	17 of 17
Kansas Senate Bill SB 155						

Microsoft Excel Office 2013

12245 350 ONLNE	-----	-	02/26/15-04/02/15	Online	Faculty	15 of 15
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Kansas Senate Bill SB 155
Microsoft Excel Office 2013

12246 351 ONLNE	-----	-	04/09/15-05/07/15	Online	Faculty	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/spring/coursedescriptions/cpca/#CPCA_111)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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12247 001 F2F	-T-----	06:00-08:45 PM	04/07/15-05/05/15	RC 353	Faculty	17 of 17
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Kansas Senate Bill SB 155
Microsoft Excel Office 2013

12248 002 F2F	---R---	02:00-04:50 PM	04/09/15-05/07/15	RC 353	Faculty	17 of 17
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Kansas Senate Bill SB 155
Microsoft Excel Office 2013

12249 350 ONLNE	-----	-	04/09/15-05/07/15	Online	Faculty	15 of 15
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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/spring/coursedescriptions/cpca/#CPCA_114)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12250 001 F2F	M-----	06:00-08:45 PM	01/26/15-02/23/15	RC 353	Faculty	17 of 17
Kansas Senate Bill SB 155 Microsoft Access Office 2013						
12251 002 F2F	---R---	06:00-08:45 PM	03/05/15-04/09/15	RC 355	Faculty	17 of 17
Kansas Senate Bill SB 155 Microsoft Access Office 2013						
12252 003 F2F	--W----	11:00-01:50 PM	04/15/15-05/13/15	RC 353	Faculty	17 of 17
Kansas Senate Bill SB 155 Microsoft Access Office 2013						
12253 350 ONLNE	-----	-	01/26/15-02/23/15	Online	Faculty	15 of 15
Kansas Senate Bill SB 155 Microsoft Access Office 2013						
12254 351 ONLNE	-----	-	03/05/15-04/09/15	Online	Faculty	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/spring/coursedescriptions/cpca/#CPCA_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12255 001 F2F	--W----	06:00-08:45 PM	03/04/15-05/13/15	RC 353	Faculty	17 of 17
Kansas Senate Bill SB 155 Microsoft Access Office 2013						
12256 350 ONLNE	-----	-	03/02/15-05/11/15	Online	Faculty	15 of 15
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/spring/coursedescriptions/cpca/#CPCA_117)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12257 350 ONLNE	-----	-	04/14/15-05/12/15	Online	Faculty	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/spring/coursedescriptions/cpca/#CPCA_118)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12258 350 ONLNE	-----	-	04/06/15-05/04/15	Online	Faculty	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/spring/coursedescriptions/cpca/#CPCA_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12259 001 F2F	----F--	06:00-08:45 PM	04/10/15-05/08/15	RC 355	Faculty	17 of 17
Kansas Senate Bill SB 155						
12260 350 ONLNE	-----	-	02/26/15-04/02/15	Online	Faculty	15 of 15
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/spring/coursedescriptions/cpca/#CPCA_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12261 001 F2F	---R---	06:00-08:45 PM	02/26/15-04/02/15	OCB 343B	Faculty	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/spring/coursedescriptions/cpca/#CPCA_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12262 350 ONLNE	-----	-	02/26/15-04/02/15	Online	Faculty	15 of 15
Kansas Senate Bill SB 155						

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/spring/coursedescriptions/cpca/#CPCA_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12263 350 ONLNE	-----	-	04/06/15-05/04/15	Online	Faculty	15 of 15

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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

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cpca/#CPCA_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12264 001 F2F	-T-R---	09:30-10:50 AM	01/20/15-05/22/15	RC 355	Faculty	17 of 17

Kansas Senate Bill SB 155
Microsoft Office 2013

12265 002 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	RC 355	Faculty	17 of 17
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Kansas Senate Bill SB 155
Microsoft Office 2013

12266 003 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	RC 355	Faculty	17 of 17
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Kansas Senate Bill SB 155
Microsoft Office 2013

12268 005 F2F --W---- 02:00-04:50 PM 01/28/15-05/22/15 RC 353 Faculty 17 of 17

Kansas Senate Bill SB 155
Microsoft Office 2013

12269 006 F2F ---R--- 06:00-08:50 PM 01/22/15-05/22/15 RC 353 Faculty 17 of 17

Kansas Senate Bill SB 155
Microsoft Office 2013

12270 350 ONLNE ----- - 01/26/15-05/22/15 Online Faculty 15 of 15

Kansas Senate Bill SB 155
Microsoft Office 2013

12271 351 ONLNE ----- - 01/26/15-05/22/15 Online Faculty 15 of 15

Kansas Senate Bill SB 155
Microsoft Office 2013

CPCA 134 - Managing Your Macintosh

In this career-related course, students will be introduced through lecture material and hands-on practical projects to the essential concepts of file organization, utility software installation and use, font management and backup techniques. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CPCA 106 or an appropriate score on an assessment test. Course offered in spring only.

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cpca/#CPCA_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11732 001 F2F	----S-	09:00-11:45 AM	02/28/15-04/04/15	RC 374	Hincks B	15 of 15

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/spring/coursedescriptions/cpca/#CPCA_138)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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/spring/coursedescriptions/cpca/#CPCA_139)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12277 350 ONLNE	-----	-	03/03/15-05/12/15	Online	Faculty	15 of 15

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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/spring/coursedescriptions/cpca/#CPCA_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12278 350 ONLNE	-----	-	01/27/15-02/24/15	Online	Faculty	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/spring/coursedescriptions/cpca/#CPCA_151)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12280 350 ONLNE	-----	-	03/03/15-04/07/15	Online	Faculty	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/spring/coursedescriptions/cpca/#CPCA_161)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12281 350 ONLNE	-----	-	04/14/15-05/12/15	Online	Faculty	15 of 15

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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/spring/coursedescriptions/cs/#CS_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11621 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Hansen S	18 of 18

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11622 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Hansen S	18 of 18
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11623 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Chen I	18 of 18
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11609 376 HYB	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	RC 380	Sunderland A	20 of 20
	-----	-	01/20/15-05/22/15	Online		

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Mandatory Classroom Meetings

11610 377 HYB	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	RC 380	Sunderland A	20 of 20
	-----	-	01/20/15-05/22/15	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						
11611 378 HYB	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	RC 380	Faculty	20 of 20
	-----	-	01/20/15-05/22/15	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						
11612 379 HYB	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	RC 380	Wallack P	20 of 20
	-----	-	01/20/15-05/22/15	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						
11613 380 HYB	-T-----	06:00-08:50 PM	01/20/15-05/22/15	RC 380	Keller-Turbeville S	20 of 20
	-----	-	01/20/15-05/22/15	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						
11614 381 HYB	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	RC 380	Kitchin D	20 of 20
	-----	-	01/21/15-05/22/15	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						
11615 382 HYB	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	RC 380	Orrell D	20 of 20
	-----	-	01/21/15-05/22/15	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						
11616 383 HYB	--W----	11:00-12:50 PM	01/21/15-05/22/15	RC 380	Van Horn J	20 of 20
	-----	-	01/21/15-05/22/15	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						
11617 384 HYB	--W----	01:00-02:50 PM	01/21/15-05/22/15	RC 380	Van Horn J	20 of 20
	-----	-	01/21/15-05/22/15	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						
11618 385 HYB	--W----	06:00-08:50 PM	01/21/15-05/22/15	RC 380	Faculty	20 of 20
	-----	-	01/21/15-05/22/15	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						
11619 386 HYB	M---F--	11:00-12:15 PM	01/26/15-05/22/15	RC 380	Orrell D	20 of 20
	-----	-	01/26/15-05/22/15	Online		
Kansas Senate Bill SB 155						

Mandatory Classroom Meetings

11620 387 HYB	M-----	06:00-08:50 PM	01/26/15-05/22/15	RC 380	Keller-Turbeville S	20 of 20
	-----	-	01/26/15-05/22/15	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 "B" or higher or CS 201 or CS 205 or MATH 241 or appropriate score on waiver test or department approval for prior work-related experience.

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cs/#CS_200)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11624 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Chen I	15 of 15
Kansas Senate Bill SB 155						
11625 376 HYB	-T-R--	12:30-01:45 PM	01/20/15-05/22/15	RC 361	Faculty	17 of 17
	-----	-	01/20/15-05/22/15	Online		
Kansas Senate Bill SB 155						
Mandatory Classroom Meetings						
11626 377 HYB	-T-----	03:30-05:20 PM	01/20/15-05/22/15	RC 347	Chapman J	17 of 17
	-----	-	01/20/15-05/22/15	Online		
Mandatory Classroom Meetings						
Kansas Senate Bill SB 155						
11627 378 HYB	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	RC 347	Wantoch D	17 of 17
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Mandatory Classroom Meetings						
Kansas Senate Bill SB 155						
11628 379 HYB	M-W----	11:00-12:15 PM	01/21/15-05/22/15	RC 347	Wantoch D	18 of 18
	-----	-	01/21/15-05/22/15	Online		
Kansas Senate Bill SB 155						
Mandatory Classroom Meetings						
11629 380 HYB	---R---	06:00-08:45 PM	01/22/15-05/22/15	RC 380	Locke C	20 of 20
	-----	-	01/22/15-05/22/15	Online		

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

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cs/#CS_201)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11630 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Van Gorp M	15 of 15
Kansas Senate Bill SB 155						
11631 376 HYB	--W----	01:00-02:50 PM	01/21/15-05/22/15	RC 347	Van Gorp M	17 of 17
	-----	-	01/21/15-05/22/15	Online		

Mandatory Classroom Meetings

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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/spring/coursedescriptions/cs/#CS_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11632 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Chen I	15 of 15
Kansas Senate Bill SB 155						
11633 376 HYB	-T----	05:30-07:20 PM	01/20/15-05/22/15	RC 347	Chen I	17 of 17
	-----	-	01/20/15-05/22/15	Online		

11634 378 HYB	M-W----	01:00-02:15 PM	01/21/15-05/22/15	RC 361	Wallack P	17 of 17
	-----	-	01/21/15-05/22/15	Online		

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/spring/coursedescriptions/cs/#CS_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11635 001 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	RC 361	Faculty	17 of 17

11636 002 F2F	M-W----	02:30-03:45 PM	01/21/15-05/22/15	RC 361	Wallack P	17 of 17
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11637 003 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	RC 361	Faculty	17 of 17
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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/spring/coursedescriptions/cs/#CS_211)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11638 001 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	RC 347	Carter M	17 of 17

11639 002 F2F	M-W----	07:30-08:45 PM	01/21/15-05/22/15	RC 344	Carter M	15 of 15
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CS 235 - Object-Oriented Programming Using C++

This course emphasizes programming methodology and problem solving using the object-oriented paradigm. Students will develop software applications using the object-oriented concepts of data abstraction, encapsulation, inheritance, and polymorphism. Students will apply the C++ techniques of dynamic memory, pointers, built-in classes, function and operator overloading, exception handling, recursion and templates. 3 hrs. lecture, 2 hrs. lab by arrangement/wk.

Credit Hours: 4

Prerequisite: CS 200 or CS 201 or CS 205

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cs/#CS_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11640 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Chen I	15 of 15
Kansas Senate Bill SB 155						
11641 376 HYB	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	RC 347	Hansen S	17 of 17
	-----	-	01/20/15-05/22/15	Online		
Mandatory Classroom Meetings						
Kansas Senate Bill SB 155						
11642 377 HYB	-T-R---	07:30-08:45 PM	01/20/15-05/22/15	RC 361	Wallack P	17 of 17
	-----	-	01/20/15-05/22/15	Online		
Mandatory Classroom Meetings						
Kansas Senate Bill SB 155						

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/spring/coursedescriptions/cs/#CS_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11643 376 HYB	--W----	05:30-07:20 PM	01/21/15-05/22/15	RC 347	Van Gorp M	17 of 17
	-----	-	01/21/15-05/22/15	Online		
Mandatory Classroom Meetings						
Kansas Senate Bill SB 155						

11645 377 HYB M----- 02:00-03:50 PM 01/26/15-05/22/15 RC 347 Van Gorp M 17 of 17

----- - 01/26/15-05/22/15 Online

Mandatory Classroom Meetings
Kansas Senate Bill SB 155

CS 255 - Basic Data Structures Using Java

This course will cover advanced programming topics using Java. Files, recursion, data structures and large program organization will be implemented in projects using object-oriented methodology. Students will write programs using queues, stacks, lists and other concepts covered in the lecture. 3 hrs. lecture, 2 hrs. lab by arrangement/wk.

Credit Hours: 4

Prerequisite: CS 205 or CS 236 or CIS 240

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cs/#CS_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11646 001 F2F	-T-R---	06:00-07:15 PM	01/20/15-05/22/15	RC 361	Wallack P	17 of 17

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/spring/coursedescriptions/cweb/#CWEB_101)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10995 350 ONLNE	-----	-	01/20/15-02/17/15	Online	Mahring B	15 of 15

Kansas Senate Bill SB 155

11002 351 ONLNE	-----	-	02/24/15-03/31/15	Online	Mahring B	15 of 15
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Kansas Senate Bill SB 155

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/spring/coursedescriptions/cweb/#CWEB_104)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11005 350 ONLNE	-----	-	02/24/15-03/31/15	Online	Mahring B	15 of 15

Kansas Senate Bill SB 155

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/spring/coursedescriptions/cweb/#CWEB_105)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11007 001 F2F	----S-	08:00-10:50 AM	01/24/15-02/21/15	RC 376	Faculty	15 of 15

Kansas Senate Bill SB 155

11015 350 ONLNE	-----	-	01/20/15-02/17/15	Online	Hopper J	15 of 15
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Kansas Senate Bill SB 155

11041 351 ONLNE	-----	-	02/24/15-03/31/15	Online	Hopper J	15 of 15
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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/spring/coursedescriptions/cweb/#CWEB_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11044 001 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	RC 355	Hebert S	15 of 15
Kansas Senate Bill SB 155						
11047 002 F2F	---R---	10:00-12:50 PM	01/22/15-05/22/15	RC 376	Friedrichsen L	15 of 15
Kansas Senate Bill SB 155						
11052 003 F2F	---R---	02:00-04:50 PM	01/22/15-05/22/15	RC 323	Friedrichsen L	15 of 15
Kansas Senate Bill SB 155						
11054 004 F2F	----S-	09:00-11:50 AM	01/24/15-05/22/15	RC 323	Lafferty P	15 of 15
Kansas Senate Bill SB 155						
11056 005 F2F	M-----	01:00-03:50 PM	01/26/15-05/22/15	RC 376	Hopper J	15 of 15
Kansas Senate Bill SB 155						

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/spring/coursedescriptions/cweb/#CWEB_111)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11057 350 ONLNE	-----	-	02/24/15-03/31/15	Online	Mahring B	15 of 15
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/spring/coursedescriptions/cweb/#CWEB_114)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11058 350 ONLNE	-----	-	04/07/15-05/05/15	Online	Faculty	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/spring/coursedescriptions/cweb/#CWEB_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11059 001 F2F	----S-	08:00-10:50 AM	02/28/15-04/04/15	RC 376	Nastav C	15 of 15

Kansas Senate Bill SB 155

11060 350 ONLNE	-----	-	02/24/15-03/31/15	Online	Hopper J	15 of 15
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Kansas Senate Bill SB 155

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/spring/coursedescriptions/cweb/#CWEB_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11061 350 ONLNE	-----	-	04/07/15-05/05/15	Online	Baxter P	15 of 15

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/spring/coursedescriptions/cweb/#CWEB_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11062 350 ONLNE	-----	-	04/07/15-05/05/15	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/spring/coursedescriptions/cweb/#CWEB_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11063 350 ONLNE	-----	-	01/20/15-02/17/15	Online	Baxter P	15 of 15

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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/spring/coursedescriptions/cweb/#CWEB_136)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11069 001 F2F	M-----	02:00-04:50 PM	03/02/15-04/06/15	RC 353	Mein P	15 of 15

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/spring/coursedescriptions/cweb/#CWEB_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11071 350 ONLNE	-----	-	02/24/15-03/31/15	Online	Baxter P	15 of 15

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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/spring/coursedescriptions/cweb/#CWEB_146)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11073 001 F2F	M-----	02:00-04:50 PM	04/13/15-05/11/15	RC 353	Mein P	15 of 15

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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/spring/coursedescriptions/cweb/#CWEB_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11076 350 ONLNE	-----	-	04/07/15-05/05/15	Online	Baxter P	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/spring/coursedescriptions/cweb/#CWEB_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11077 001 F2F	--W----	06:00-08:50 PM	01/21/15-02/18/15	RC 355	Meigs R	17 of 17

Kansas Senate Bill SB 155

11079 002 F2F	--W----	08:00-10:50 AM	02/25/15-04/01/15	RC 323	Lafferty P	16 of 16
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Kansas Senate Bill SB 155

11081 350 ONLNE	-----	-	01/20/15-02/17/15	Online	Sindt R	15 of 15
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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/spring/coursedescriptions/cweb/#CWEB_166)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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/spring/coursedescriptions/cweb/#CWEB_167)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11087 001 F2F	--W----	06:00-08:50 PM	02/25/15-04/01/15	RC 374	Faculty	15 of 15

Kansas Senate Bill SB 155

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/spring/coursedescriptions/cweb/#CWEB_170)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11089 001 F2F	--W----	06:00-08:50 PM	02/25/15-04/01/15	RC 355	Meigs R	17 of 17

Kansas Senate Bill SB 155

11092 350 ONLNE	-----	-	02/24/15-03/31/15	Online	Sindt R	15 of 15
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Kansas Senate Bill SB 155

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/spring/coursedescriptions/cweb/#CWEB_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11099 350 ONLNE	-----	-	04/07/15-05/05/15	Online	Meigs R	15 of 15

Kansas Senate Bill SB 155

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/spring/coursedescriptions/cweb/#CWEB_190)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11100 350 ONLNE	-----	-	04/07/15-05/05/15	Online	Baxter P	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/spring/coursedescriptions/cweb/#CWEB_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11101 350 ONLNE	-----	-	04/07/15-05/05/15	Online	Baxter P	15 of 15

Kansas Senate Bill SB 155

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/spring/coursedescriptions/cweb/#CWEB_212)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11102 002 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	RC 323	Nord E	16 of 16

Kansas Senate Bill SB 155

CWEB 221 - Design and Development for Mobile Web

This course provides practical knowledge to effectively plan, engineer, and deliver websites for Mobile devices, such as phones, PDA's, Blackberry's, etc. Students will combine XHTML and CSS (Cascading Style Sheets) to create accessible Mobile websites. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite or corequisite: CWEB 121

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cweb/#CWEB_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11103 001 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	RC 376	Ladage A	15 of 15

Kansas Senate Bill SB 155

CWEB 260 - CSS Techniques & Projects

Students will apply Cascading Style Sheet (CSS) techniques through the use of professional, advanced Web site development projects. Industry-standard Hypertext Markup Language (HTML) semantic markup practices and presentation separation through CSS is emphasized. CSS topics include professional syntax practices, formatting, and layout skills. Advanced CSS skills for float, positioning, alignment, and image formatting are covered. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: CWEB 110

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cweb/#CWEB_260)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11104 001 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	RC 323	Walla J	16 of 16

Kansas Senate Bill SB 155

CWEB 270 - Web Analytics

Upon successful completion of this course, students should be able to implement and apply web analytics techniques. Topics to be covered include web traffic analysis, data collection methodologies, report analysis, best-practices configuration, and search engine optimization. 3 hr. lecture/wk.

Credit Hours: 3

Prerequisite: CWEB 110

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cweb/#CWEB_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11105 001 F2F	M-----	03:00-05:50 PM	01/26/15-05/22/15	RC 355	Pritchard M	17 of 17

Kansas Senate Bill SB 155

CWEB 290 - Web Technologies Capstone

This is the capstone course in the Web Technologies AAS degree program. In this course, students will explore the latest trends in web technology. Students will also review materials and practice skills from their previous courses in the program in order to create a flexible portfolio web presence which will showcase their expertise in web technologies. In addition to creating the portfolio, students will explore career opportunities in web technology and practice resume-writing and interviewing skills. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: CWEB 270 (Web Technologies Track) or CWEB 221 (Mobile Web Track) or CWEB 250 (Rich Media Applications Track)

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cweb/#CWEB_290)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11106 001 F2F	---R---	06:00-08:50 PM	01/22/15-05/22/15	RC 376	Hopper J	15 of 15

Kansas Senate Bill SB 155

Dental Hygiene

DHYG 140 - Clinical Dental Hygiene II

The course will include clinical application of dental hygiene techniques and instrumentation, oral health products, patient motivation and educational techniques, preventive strategies including use of an intraoral clinic camera and an introduction to selected dental specialties. Students will be prepared for medical and dental emergencies, which may be encountered in

various practice settings. An introduction to the dental hygiene process (ADPIE) and working with special-needs patient populations will be provided. 2 hrs. lecture & 8 hrs. clinic/wk.

Credit Hours: 4

Associated Costs: \$25 to 35

Prerequisite: DHYG 121 Corequisites: DHYG 142 and DHYG 146 and DHYG 148 and prerequisites or corequisites: BIOL 225 and DHYG 135

Outline (http://catalog.jccc.edu/spring/coursedescriptions/dhyg/#DHYG_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11967 001 F2F	-T-R---	08:00-05:00 PM	01/20/15-05/22/15	SCI 201	Curry-Chiu M	Closed
	M-----	10:00-11:50 AM	01/26/15-05/22/15	SCI 112		

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DHYG 142 - Dental Radiology

This class will concentrate on the theory and clinical practice of exposing, processing, mounting and evaluating oral radiographs with emphasis on radiation protection and infection control for the patient and operator. 1 hr. lecture, 3 hrs. lab/wk.

Credit Hours: 2

Prerequisites: DHYG 121 Corequisites: DHYG 140 and DHYG 146 and DHYG 148 and Prerequisites or corequisites: BIOL 225 and DHYG 135

Outline (http://catalog.jccc.edu/spring/coursedescriptions/dhyg/#DHYG_142)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11969 001 F2F	----F--	08:00-09:20 AM	01/23/15-05/22/15	SCI 112	Flick H	Closed
	----F--	10:00-12:50 PM	01/23/15-05/22/15	SCI 125		

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DHYG 146 - Periodontics

This course will include recognition of the etiology and clinical signs and symptoms of periodontal diseases. The inflammatory process, treatment planning and nonsurgical therapy are discussed. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: DHYG 121 Corequisites: DHYG 140 and DHYG 142 and DHYG 148 Prerequisites or Corequisites: BIOL 225 and DHYG 135

Outline (http://catalog.jccc.edu/spring/coursedescriptions/dhyg/#DHYG_146)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11995 001 F2F	--W----	08:00-08:55 AM	01/21/15-05/22/15	SCI 112	Callihan T	Closed

Kansas Senate Bill SB 155

DHYG 148 - Dental Health Education

This course is designed to provide students with a knowledge base in oral health promotion; disease prevention and control; the scientific research process; evaluation of research articles; goal and objective writing; cultural competency in oral health care; client assessment; evidence based decision making and product evaluation. Students will learn to apply this knowledge using educational methodology for individuals and groups, with special emphasis on behavior modification, compliance, communication and motivation. 1 hr. lecture, 2 hrs. lab/wk

Credit Hours: 2

Prerequisite: DHYG 121 Corequisites: DHYG 140 and DHYG 142 and DHYG 146 Prerequisites or Corequisites: BIOL 225 and DHYG 135

Outline (http://catalog.jccc.edu/spring/coursedescriptions/dhyg/#DHYG_148)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11968 001 F2F	--W----	09:00-11:50 AM	01/21/15-05/22/15	SCI 112	Runser J	Closed

Kansas Senate Bill SB 155

DHYG 245 - Nitrous Oxide Analgesia

This course will concentrate on the principles of administering and monitoring nitrous oxide analgesia. Upon completion of the course, didactic and clinical proficiency in nitrous oxide analgesia will meet certification standards set by state dental boards. 1 hr. lecture, lab/wk.

Credit Hours: 1

Prerequisite: DHYG 221 Corequisite: DHYG 250

Outline (http://catalog.jccc.edu/spring/coursedescriptions/dhyg/#DHYG_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12229 002 F2F	---R---	08:00-09:55 AM	03/05/15-04/05/15	SCI 112	LoGiudice M	Closed
	---R---	08:00-09:55 AM	04/09/15-05/03/15	SCI 201		

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DHYG 250 - Clinical Dental Hygiene IV

This course will offer continued development of proficiency in clinical techniques and current procedural practices of the dental hygienist with emphasis on self-evaluation. Topics will include ethics, jurisprudence, office management, current dental hygiene issues and preparation for board exams. 2 hrs. lecture, 16 hrs. clinic/wk., 1 hr. board review for first 8 wks.

Credit Hours: 6

Prerequisite: DHYG 221 Corequisite: DHYG 245

Outline (http://catalog.jccc.edu/spring/coursedescriptions/dhyg/#DHYG_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11996 001 F2F	M-W----	08:00-05:00 PM	01/21/15-05/22/15	SCI 201	Pope P Stabbe K	Closed
	---R---	10:00-11:50 AM	01/22/15-05/22/15	SCI 112		

Kansas Senate Bill SB 155

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/spring/coursedescriptions/diet/#DIET_100)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11747 376 HYB	---R---	06:00-07:50 PM	01/22/15-05/22/15	HCA 115	Page A	24 of 24
	-----	-	01/22/15-05/22/15	Online		

Kansas Senate Bill SB 155

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/spring/coursedescriptions/diet/#DIET_200)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11748 001 F2F	--W----	03:00-05:50 PM	01/21/15-05/22/15	HCA 117	Page A	24 of 24

Kansas Senate Bill SB 155

DIET 251 - Nutrition Applications

This course explores the application of nutrition in four areas of emphasis: clinical, community, research and food science. This course requires a minimum of 25 hours of coordinated field experience. Some field experience facilities may have other requirements.

Credit Hours: 3

Associated Costs: \$0-\$150

Prerequisite: HMEC 151

Outline (http://catalog.jccc.edu/spring/coursedescriptions/diet/#DIET_251)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12625 001 F2F	---R---	03:00-04:50 PM	01/22/15-05/22/15	HCA 115	Page A	24 of 24

Kansas Senate Bill SB 155

DIET 275 - Dietary Managers Practicum

This course enables the student to apply classroom knowledge to an actual work situation. The practicum will be developed cooperatively with area employers, college staff and each student. It will include a minimum of 100 hours per semester in a foodservice organization that would hire a dietary manager. This is a capstone class. Students will be required to have a background check and documentation of current TB skin test - negative results.

Credit Hours: 2

Associated Costs: \$0-\$150

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/diet/#DIET_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12814 500 INT	-----	-	01/20/15-05/22/15		Page A	24 of 24

Kansas Senate Bill SB 155

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/spring/coursedescriptions/draf/#DRAF_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10665 001 F2F	M-W----	02:00-02:50 PM	01/21/15-03/11/15	ITC 181	Feuerborn D	20 of 20
	Lab M-W----	03:00-04:50 PM	01/21/15-03/11/15	ITC 181		

Kansas Senate Bill SB 155

Note: Students who have taken High School Drafting and are new to the Drafting program should contact Tom Hughes thughes@jccc.edu or 913-469-8500 x3901 prior to enrolling in DRAF 120; you may be able to receive credit for this class

10666 002 F2F	M-W----	06:00-06:50 PM	01/21/15-03/11/15	ITC 181	Feuerborn D	20 of 20
	Lab M-W----	07:00-08:50 PM	01/21/15-03/11/15	ITC 181		

Kansas Senate Bill SB 155

Note: Students who have taken High School Drafting and are new to the Drafting program should contact Tom Hughes thughes@jccc.edu or 913-469-8500 x3901 prior to enrolling in DRAF 120; you may be able to receive credit for this class

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/spring/coursedescriptions/draf/#DRAF_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10667 376 HYB	M-----	06:00-07:50 PM	03/23/15-05/11/15	ITC 181	Feuerborn D	20 of 20
	-----	-	03/23/15-05/17/15	Online		

Kansas Senate Bill SB 155

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/spring/coursedescriptions/draf/#DRAF_129)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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10668 001 F2F ----F-- 09:00-10:50 AM 01/23/15-05/22/15 ITC 181 Cline L 20 of 20

Kansas Senate Bill SB 155

Note: Students who have taken High School Drafting and are new to the Drafting program should contact Tom Hughes thughes@jccc.edu or 913-469-8500 x3901 prior to enrolling in DRAF 129

10669 376 HYB ----- - 01/20/15-03/15/15 Online Feuerborn D 20 of 20
--W---- 11:30-01:20 PM 01/21/15-03/11/15 ITC 181

Kansas Senate Bill SB 155

Note: Students who have taken High School Drafting and are new to the Drafting program should contact Tom Hughes thughes@jccc.edu or 913-469-8500 x3901 prior to enrolling in DRAF 129

10713 377 HYB ----- - 03/23/15-05/17/15 Online Feuerborn D 20 of 20
--W---- 06:00-07:50 PM 03/25/15-05/13/15 ITC 181

Kansas Senate Bill SB 155

Note: Students who have taken High School Drafting and are new to the Drafting program should contact Tom Hughes thughes@jccc.edu or 913-469-8500 x3901 prior to enrolling in DRAF 129

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/spring/coursedescriptions/draf/#DRAF_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10723 001 F2F	M-W----	06:00-07:50 PM	01/21/15-03/11/15	ITC 122	Hughes T	20 of 20
Lab	-----	-	01/21/15-03/11/15	ITC 124		

Kansas Senate Bill SB 155

Note: Students who have taken High School Drafting and are new to the Drafting program should contact Tom Hughes thughes@jccc.edu or 913-469-8500 x3901 prior to enrolling in DRAF 130; you may be able to receive credit for this classAll sections of DRAF 130 will be using AutoCAD 2014

10729 002 F2F M-W---- 02:00-03:50 PM 03/23/15-05/13/15 ITC 181 Hughes T 20 of 20
Lab ----- - 03/23/15-05/17/15 ITC 124

Kansas Senate Bill SB 155

Note: Students who have taken High School Drafting and are new to the Drafting program should contact Tom Hughes thughes@jccc.edu or 913-469-8500 x3901 prior to enrolling in DRAF 130; you may be able to receive credit for this classAll 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/spring/coursedescriptions/draf/#DRAF_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10730 350 ONLINE	-----	-	01/20/15-05/22/15	Online	Cline L	16 of 16

Kansas Senate Bill SB 155

Note: Students taking this ONLINE course can use either 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 new to the Drafting program should contact the instructor or Tom Hughes 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/spring/coursedescriptions/draf/#DRAF_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10731 001 F2F	-T-R---	02:30-03:20 PM	01/20/15-05/22/15	ITC 126	Feuerborn D	15 of 15
	Lab -T-R---	03:30-04:50 PM	01/20/15-05/22/15	ITC 126		

Kansas Senate Bill SB 155

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/spring/coursedescriptions/draf/#DRAF_143)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10732 001 F2F	----S-	09:00-12:30 PM	01/24/15-03/14/15	ITC 126	Bowles J	15 of 15

Kansas Senate Bill SB 155

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/spring/coursedescriptions/draf/#DRAF_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10733 001 F2F	M-W----	08:00-09:50 PM	01/21/15-03/11/15	ITC 126	Catt T	15 of 15

Kansas Senate Bill SB 155

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/spring/coursedescriptions/draf/#DRAF_151)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10734 001 F2F	---F--	12:30-02:50 PM	02/06/15-03/12/15	ITC 126	Cline L	15 of 15

Kansas Senate Bill SB 155

Note: Students who are new to the Drafting program should contact Tom Hughes thughes@jccc.edu or 913-469-8500 x3901 prior to enrolling in DRAF 151

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/spring/coursedescriptions/draf/#DRAF_164)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10735 001 F2F	M-W----	09:00-09:50 AM	01/21/15-05/22/15	ITC 128	Cline L	15 of 15
	Lab M-W----	10:00-11:20 AM	01/21/15-05/22/15	ITC 128		
Kansas Senate Bill SB 155						
10736 002 F2F	-T-R---	01:00-01:50 PM	01/20/15-05/22/15	ITC 128	Cline L	15 of 15
	Lab -T-R---	02:00-03:20 PM	01/20/15-05/22/15	ITC 128		
Kansas Senate Bill SB 155						
10737 003 F2F	M-W----	06:00-06:50 PM	01/21/15-05/22/15	ITC 128	Cline L	15 of 15
	Lab M-W----	07:00-08:20 PM	01/21/15-05/22/15	ITC 128		
Kansas Senate Bill SB 155						

DRAF 225 - Civil Drafting

Upon successful completion of this course, the student should be able to apply drafting techniques used in civil engineering offices. Topics covered include the surveying process, property legal descriptions, topographic maps, plan and profile drawings, roadway cross sections, and earthwork calculations. The student will use CAD software in drawing projects. This course is typically taught in the spring semester. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Prerequisite: DRAF 230 or ENGR 131AND prerequisite or corequisite: MATH 131

Outline (http://catalog.jccc.edu/spring/coursedescriptions/draf/#DRAF_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10738 001 F2F	-T-R---	05:30-06:20 PM	01/20/15-05/22/15	ITC 126	Johnson S	16 of 16
	Lab -T-R---	06:30-07:50 PM	01/20/15-05/22/15	ITC 126		
Kansas Senate Bill SB 155						

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/spring/coursedescriptions/draf/#DRAF_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10739 001 F2F	M-W----	06:00-07:50 PM	03/23/15-05/13/15	ITC 122	Hughes T	20 of 20
	Lab -----	-	03/23/15-05/17/15	ITC 124		

Kansas Senate Bill SB 155

10740 002 F2F	-T-R---	11:30-12:20 PM	01/20/15-05/22/15	ITC 122	Hughes T	20 of 20
	Lab -----	-	01/20/15-05/22/15	ITC 124		

Kansas Senate Bill SB 155

DRAF 238 - Architectural Design and Drafting

This course is an introduction to the production of architectural drawings for residential and commercial construction. Upon successful completion of this course, the student will be able to design and draw floor plans, sections, elevations, dimensions and schedules. Industry standard code and reference books, such as the International Residential Code and Architectural Graphic Standards books, will be used in the research and design process. Projects will be completed using Computer Aided Drafting (CAD) software. This course is typically taught in the spring semester. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Prerequisites: DRAF 129 and DRAF 135 and DRAF 143 and DRAF 230

Outline (http://catalog.jccc.edu/spring/coursedescriptions/draf/#DRAF_238)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10741 001 F2F	-T-R---	11:30-12:20 PM	01/20/15-05/22/15	ITC 126	Feuerborn D	15 of 15
	-T-R---	12:30-01:50 PM	01/20/15-05/22/15	ITC 126		

Kansas Senate Bill SB 155

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/spring/coursedescriptions/draf/#DRAF_243)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10742 001 F2F	----S-	09:00-12:30 PM	03/28/15-05/16/15	ITC 126	Faculty	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 244 - Civil 3D

This course introduces the student to the Civil 3D software used by many land planning, civil engineering and surveying firms. Topics include software commands, project setup and the design process. Survey points, surfaces, topography, road layout, and soil volumes are covered in this course. Emphasis will be placed on the hands-on application of the software to industrial projects. It is recommended that students have previous civil engineering design knowledge or have taken DRAF 225, Civil Drafting. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: DRAF 230 or ENGR 131 or department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/draf/#DRAF_244)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10743 001 F2F	-T-R---	08:00-09:50 PM	03/24/15-05/14/15	ITC 126	Johnson S	15 of 15

Kansas Senate Bill SB 155

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.

Credit Hours: 2

Prerequisite: DRAF 145 and DRAF 222 or department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/draf/#DRAF_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10744 001 F2F	M-W----	08:00-09:50 PM	03/23/15-05/13/15	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 252 - Structural Design and Drafting

Upon successful completion of this course, the student should be able to produce structural drawings and details of steel, concrete and wood structures for manufacturing, construction, engineering and architectural firms. The student will use industry standard references and perform design calculations. Project work will be done using CAD. This course is typically taught in the spring semester. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Prerequisite: DRAF 129 and DRAF 135 and DRAF 230 or DRAF 129 and ENGR 131 and prerequisite or corequisite: MATH 131 or department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/draf/#DRAF_252)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10745 001 F2F	M-W----	05:30-06:20 PM	01/21/15-05/22/15	ITC 126	Faculty	15 of 15
	Lab M-W----	06:30-07:50 PM	01/21/15-05/22/15	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.

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/spring/coursedescriptions/draf/#DRAF_264)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10746 001 F2F	-T-R---	09:00-09:50 AM	01/20/15-05/22/15	ITC 122	Hughes T	16 of 16
	Lab -----	-	01/20/15-05/22/15	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/spring/coursedescriptions/draf/#DRAF_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10747 500 INT	-----	-	01/20/15-05/22/15		Hughes T	5 of 5

Kansas Senate Bill SB 155

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/spring/coursedescriptions/draf/#DRAF_272)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10748 500 INT	-----	-	01/20/15-05/22/15		Hughes T	5 of 5

Kansas Senate Bill SB 155

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/spring/coursedescriptions/eap/#EAP_101)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10211 001 F2F	M-W----	06:00-07:15 PM	01/21/15-05/22/15	CC 314	Couch J	15 of 15
10212 002 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CC 124	Chung J	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/spring/coursedescriptions/eap/#EAP_103)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10213 001 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	CC 124	Lytchnikova E	15 of 15
10214 002 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CC 124	Aronoff D	15 of 15
10215 003 F2F	M-W----	06:00-07:15 PM	01/21/15-05/22/15	CC 122	Woodward S	15 of 15
10216 004 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CC 128	Gunbatar V	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/spring/coursedescriptions/eap/#EAP_105)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10217 001 F2F	M-W----	07:30-08:50 PM	01/21/15-05/22/15	CC 314	Nguyen E	15 of 15
10218 002 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CC 128	Peters S	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/spring/coursedescriptions/eap/#EAP_107)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10219 001 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CC 124	Lychnikova E	15 of 15
10220 002 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	CC 124	Aronoff D	15 of 15
10222 003 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CC 122	Rainwater M	15 of 15
10221 004 F2F	-T-R---	06:00-07:15 PM	01/20/15-05/22/15	CC 122	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/spring/coursedescriptions/eap/#EAP_111)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10223 001 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	CC 130	Faculty	15 of 15
10224 002 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CC 130	Milkowart H	15 of 15
10225 003 F2F	M-W-F--	02:00-02:50 PM	01/21/15-05/22/15	CC 122	Kastendick R	15 of 15
10226 004 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CC 130	Peters S	15 of 15
10227 005 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CC 124	Tumanut S	15 of 15
10228 006 F2F	-T-R---	07:30-08:50 PM	01/20/15-05/22/15	LIB 352	Faculty	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/spring/coursedescriptions/eap/#EAP_113)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10229 001 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	CC 128	Wang X	20 of 20
10230 002 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	LIB 352	Milkowart H	20 of 20
10231 003 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	CC 130	Peters S	20 of 20
10232 004 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CC 128	Tumanut S	20 of 20
10233 005 F2F	-T-R---	03:30-04:45 PM	01/20/15-05/22/15	CC 124	Tumanut S	20 of 20
10234 006 F2F	-T-R---	06:00-07:15 PM	01/20/15-05/22/15	LIB 352	Faculty	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/spring/coursedescriptions/eap/#EAP_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10235 001 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CC 130	Aronoff D	15 of 15
10236 002 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	CC 130	Milkowart H	15 of 15
10237 003 F2F	M-W----	03:00-04:15 PM	01/21/15-05/22/15	CC 124	Dixon G	15 of 15
10238 004 F2F	M-W----	07:30-08:50 PM	01/21/15-05/22/15	CC 122	Woodward S	15 of 15
10239 005 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CC 124	Milkowart H	15 of 15
10240 006 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	CC 124	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/spring/coursedescriptions/eap/#EAP_117)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10241 001 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CC 128	Kastendick R	17 of 17
10242 002 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	CC 124	Faculty	17 of 17
10243 003 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CC 122	Gray A	17 of 17
10244 004 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CC 122	Gray A	17 of 17
10245 005 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	CC 122	Gray A	17 of 17
10246 006 F2F	-T-R---	07:30-08:50 PM	01/20/15-05/22/15	CC 312	Austin K	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/spring/coursedescriptions/eap/#EAP_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10247 001 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	CC 122	Rainwater M	15 of 15
10248 002 F2F	-T-R---	06:00-07:15 PM	01/20/15-05/22/15	CC 314	Paul Newby 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/spring/coursedescriptions/eap/#EAP_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10249 001 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CC 130	Couch J	15 of 15
10250 002 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	CC 128	Wang X	15 of 15
10251 003 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	CC 128	Gunbatar V	15 of 15
10252 004 F2F	-T-R---	07:30-08:50 PM	01/20/15-05/22/15	CC 122	Nguyen E	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/spring/coursedescriptions/eap/#EAP_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10253 001 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CC 124	Lytchnikova E	15 of 15
10254 002 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	CC 130	Kastendick R	15 of 15
10255 003 F2F	M-W-F--	02:00-02:50 PM	01/21/15-05/22/15	CC 124	Couch J	15 of 15
10256 004 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	CC 128	Fargus L	15 of 15
10257 005 F2F	-T-R---	03:30-04:45 PM	01/20/15-05/22/15	CC 128	Gunbatar V	15 of 15
10258 006 F2F	-T-R---	06:00-07:15 PM	01/20/15-05/22/15	CC 312	Woodward S	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 \(http://catalog.jccc.edu/spring/coursedescriptions/econ/#ECON_132\)](http://catalog.jccc.edu/spring/coursedescriptions/econ/#ECON_132)[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10860 001 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	OCB 246	Syracuse F	32 of 32
10902 002 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	OCB 248	Syracuse F	30 of 30
10903 003 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	OCB 246	Young B	32 of 32
10904 004 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	OCB 248	Syracuse F	30 of 30
10905 005 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	OCB 246	Frederick D	32 of 32
10906 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Copeland D	20 of 20
10924 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Young B	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 \(http://catalog.jccc.edu/spring/coursedescriptions/econ/#ECON_230\)](http://catalog.jccc.edu/spring/coursedescriptions/econ/#ECON_230)[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10925 001 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	OCB 248	Kim K	30 of 30
10926 002 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	OCB 246	Hadley S	32 of 32
10927 003 F2F	M-W-F--	09:00-09:50 AM	01/20/15-05/22/15	OCB 246	Kim K	32 of 32
10928 004 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	OCB 248	Brogna A	30 of 30
10929 005 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	OCB 248	Hadley S	30 of 30
10930 006 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	ITC 187	Okao A	17 of 17
10931 007 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	OCB 248	Syracuse F	30 of 30
10932 008 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	ITC 187	Okao A	17 of 17
10933 009 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	ITC 187	Christensen K	17 of 17
10934 010 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	OCB 246	Okao A	32 of 32
10935 011 F2F	M-W----	02:00-03:15 PM	01/21/15-05/22/15	GEB 256	Syracuse F	32 of 32

10936 012 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	OCB 246	Hadley S	32 of 32
10937 013 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	OCB 248	Karscig M	30 of 30
10938 014 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	PA 145	Young B	32 of 32
10939 015 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	OCB 246	Christensen K	32 of 32
10940 016 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	OCB 246	Karscig M	32 of 32
10941 017 F2F	-T-R---	04:30-05:45 PM	01/20/15-05/22/15	GEB 256	Frederick D	32 of 32
10942 018 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	OCB 248	Frederick D	30 of 30
10943 019 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	CC 324	Kim K	24 of 24
10944 020 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	OCB 248	Postlewait J	30 of 30
11016 021 F2F	M-W----	08:00-09:25 AM	01/26/15-05/22/15	 KUE RH 152	Postlewait J	24 of 24
11017 022 F2F	-T-R---	02:00-04:45 PM	01/20/15-03/12/15	GEB 217	Clark L	30 of 30
11018 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Abderrezak A	20 of 20
11019 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Abderrezak A	20 of 20
11020 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Abderrezak A	20 of 20
11021 353 ONLNE	-----	-	01/20/15-05/22/15	Online	Copeland D	20 of 20
11022 354 ONLNE	-----	-	01/20/15-05/22/15	Online	Copeland D	20 of 20
11023 355 ONLNE	-----	-	01/20/15-05/22/15	Online	Copeland D	20 of 20
11024 356 ONLNE	-----	-	01/20/15-05/22/15	Online	Copeland D	20 of 20
11025 357 ONLNE	-----	-	01/20/15-05/22/15	Online	Hadley S	20 of 20

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/spring/coursedescriptions/econ/#ECON_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11026 001 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	GEB 254	Brogna A	32 of 32

11027 002 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	OCB 246	Kim K	32 of 32
11028 003 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	OCB 246	Hadley S	32 of 32
11029 004 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	OCB 248	Christensen K	30 of 30
11030 005 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	OCB 248	Kim K	30 of 30
11031 006 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	ITC 183	Brogna A	18 of 18
11032 007 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	ITC 183	Clark L	18 of 18
11033 008 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	OCB 248	Karscig M	30 of 30
11034 009 F2F	-T-R---	03:30-04:45 PM	01/20/15-05/22/15	OCB 246	Syracuse F	32 of 32
11035 010 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	OCB 248	Syracuse F	30 of 30
11036 011 F2F	-T-R---	02:00-04:45 PM	03/24/15-05/14/15	CLB 314	Clark L	34 of 34
12851 012 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	CC 338	Owens D	Full
11037 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Copeland D	20 of 20
11038 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Copeland D	20 of 20
11039 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Abderrezak A	20 of 20
11040 353 ONLNE	-----	-	01/20/15-05/22/15	Online	Abderrezak A	20 of 20

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/spring/coursedescriptions/educ/#EDUC_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10675 001 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	SCI 212	McDonough M	35 of 35
10676 002 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	SCI 212	McDonough M	35 of 35

10677 003 F2F -T-R--- 08:00-09:15 AM 01/20/15-05/22/15 SCI 212 McDonough M 35 of 35

10678 004 F2F -T----- 06:00-08:50 PM 01/20/15-05/22/15 SCI 212 Strohschein 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/spring/coursedescriptions/educ/#EDUC_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10679 001 F2F	----S-	02:00-04:50 PM	01/23/15-05/22/15	HCDC 128	Hurst D	35 of 35
Kansas Senate Bill SB 155						
10681 002 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	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/spring/coursedescriptions/educ/#EDUC_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10683 001 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	HCDC 128	Hurst D	35 of 35
Kansas Senate Bill SB 155						
10684 201 F2F	-T-----	06:00-09:00 PM	02/03/15-05/22/15	 LCS	Keeton S	25 of 25
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/spring/coursedescriptions/educ/#EDUC_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10687 001 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	SCI 212	Salvato M	35 of 35
10688 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Salvato M	25 of 25

EDUC 225 - Infant and Toddler Education and Care

This course is a study of creating and maintaining a developmentally appropriate environment for infants and toddlers. The course will include the history of education and care, theories of child development, developmental stages and capabilities of the very young child, and curriculum development for infants and toddlers. Health, safety and nutrition; assessment; interaction techniques; the role of the educator specific to the needs of the infant and toddler; partnering with family and community; and advocating for the very young 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

Outline (http://catalog.jccc.edu/spring/coursedescriptions/educ/#EDUC_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10691 001 F2F	--W----	06:30-09:20 PM	01/21/15-05/22/15	GP 102	Dodds L	15 of 15

Kansas Senate Bill SB 155

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/spring/coursedescriptions/educ/#EDUC_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10692 001 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	HCDC 128	Hurst D	35 of 35

Kansas Senate Bill SB 155

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/spring/coursedescriptions/educ/#EDUC_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10693 350 ONLINE	-----	-	01/20/15-05/22/15	Online	Hurst D	25 of 25

EDUC 240 - School-Age Programs and Curriculum I

This methods course is designed for students who are, or will be, working in an early childhood education setting and parents and caregivers who desire to develop an intellectually challenging environment for school age children. The focus of the course is on curriculum areas for the school-aged child and extended day and summer programs. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: EDUC 130 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/educ/#EDUC_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10694 001 F2F	M-----	06:30-09:20 PM	01/26/15-05/22/15	GP 102	Weerts L	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/spring/coursedescriptions/educ/#EDUC_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10695 001 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	HCDC 128	McDonald K	35 of 35

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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/spring/coursedescriptions/educ/#EDUC_260)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10696 001 F2F	--W----	12:00-01:40 PM	01/21/15-05/22/15	HCDC 128	Foster-Nelson A	15 of 15

Kansas Senate Bill SB 155

EDUC 280 - Administration of Early Childhood Program

This course is a study of the organization and administration of early childhood programs. The topics include the skills and characteristics of effective administrators; types of programs; planning, implementing and evaluating programs; policy development; staff supervision and development; finances and budget; record keeping; relevant state regulations and laws; developing, equipping and maintaining a facility; organizing a developmentally appropriate environment; collaboration with family and community; public relations; and contributing to the profession. The lab 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: RDG 126 or College Reading Readiness (<http://www.jccc.edu/credit-enrollment/reading-readiness.html>)

Outline (http://catalog.jccc.edu/spring/coursedescriptions/educ/#EDUC_280)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10697 001 F2F	---R---	06:30-08:10 PM	01/22/15-05/22/15	HCDC 128	Springate J	15 of 15

Kansas Senate Bill SB 155

EDUC 283 - Professional Competencies: Early Childhood Education

This course focuses on the conduct and responsibilities of the early childhood professional. Topics include early childhood education codes, laws and regulations; child development; experience planning and curriculum development; observation and guidance of young children; authentic assessment; responsibilities to the young child's family, to the community, and to the teaching profession; employability skills; self-assessment; and job seeking skills. Completion of this course is required to obtain the One Year Post-Secondary Certificate in Early Childhood Education. 1hr. lecture/wk.

Credit Hours: 1

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/educ/#EDUC_283)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10698 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Hurst D	25 of 25

Kansas Senate Bill SB 155

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/spring/coursedescriptions/educ/#EDUC_284)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10699 001 F2F	---F--	12:00-02:50 PM	01/23/15-05/22/15	HCDC 128	Foster-Nelson A	10 of 10

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/spring/coursedescriptions/educ/#EDUC_285)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10700 500 INT	-----	-	01/20/15-05/22/15		Foster-Nelson A	10 of 10

Requirement: Department approval

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/spring/coursedescriptions/elec/#ELEC_120)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
11326 001 F2F	-T-R---	09:00-09:50 AM	01/20/15-05/22/15	ITC 184	Fouad H	23 of 23
	Lab -T-R---	10:00-11:20 AM	01/20/15-05/22/15	ITC 184		

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11327 002 F2F	-T-R---	07:00-07:50 PM	01/20/15-05/22/15	ITC 184	Cody P	23 of 23
	Lab -T-R---	08:00-09:30 PM	01/20/15-05/22/15	ITC 184		

Kansas Senate Bill SB 155

ELEC 122 - Circuit Analysis I

This course covers resistive circuits having DC sources. Analysis topics include Ohm's law, Kirchoff's law, the superposition theorem, Thevenin's theorem and Norton's theorem. The current, voltage and resistance relationships in series, parallel and combination circuits will be studied. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: ELEC 120 and either MATH 133 or MATH 130 or MATH 171

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/elec/#ELEC_122\)](http://catalog.jccc.edu/spring/coursedescriptions/elec/#ELEC_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11328 001 F2F	M-W----	07:00-08:20 PM	01/21/15-05/22/15	ITC 188	Baldwin R	26 of 26

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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 \(http://catalog.jccc.edu/spring/coursedescriptions/elec/#ELEC_125\)](http://catalog.jccc.edu/spring/coursedescriptions/elec/#ELEC_125)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
11331 001 F2F	-T-R---	10:00-11:20 AM	01/20/15-05/22/15	ITC 188	Cody P	26 of 26
	Lab -----	-	01/20/15-05/22/15	ITC 186		

Kansas Senate Bill SB 155

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 \(http://catalog.jccc.edu/spring/coursedescriptions/elec/#ELEC_126\)](http://catalog.jccc.edu/spring/coursedescriptions/elec/#ELEC_126)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
11336 001 F2F	M-W----	10:00-11:20 AM	01/21/15-05/22/15	ITC 188	Cody P	17 of 17
	Lab M-W----	11:30-12:50 PM	01/21/15-05/22/15	ITC 191A		

Kansas Senate Bill SB 155

11338 002 F2F	-T-R---	06:00-07:20 PM	01/20/15-05/22/15	ITC 188	Pitts R	17 of 17
	Lab -T-R---	07:30-08:50 PM	01/20/15-05/22/15	ITC 191A		

Kansas Senate Bill SB 155

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/spring/coursedescriptions/elec/#ELEC_133)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11341 001 F2F	-T-R---	01:00-01:50 PM	01/20/15-05/22/15	ITC 189	Faculty	20 of 20
	Lab -T-R---	02:00-03:20 PM	01/20/15-05/22/15	ITC 191B		

Kansas Senate Bill SB 155

ELEC 165 - Advanced Programmable Controllers

This course is a continuation of ELEC 133. Principle topics include sequences, file and block transfers, analog control and PID functions. In addition, methods of networking of PLCs and advanced user interfaces will be covered. Lecture topics will be supported by laboratory projects. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Prerequisite: ELEC 133

Outline (http://catalog.jccc.edu/spring/coursedescriptions/elec/#ELEC_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11344 001 F2F	-T-----	06:00-07:40 PM	01/20/15-05/22/15	ITC 189	Setser D	20 of 20
	Lab -T-----	07:50-10:20 PM	01/20/15-05/22/15	ITC 191B		

Kansas Senate Bill SB 155

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/spring/coursedescriptions/elec/#ELEC_185)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
11353 001 F2F	M-W----	07:00-07:50 PM	01/21/15-05/22/15	ITC 184	Faculty	23 of 23
	Lab M-W----	08:00-09:20 PM	01/21/15-05/22/15	ITC 184		

Kansas Senate Bill SB 155

ELEC 225 - Digital Electronics II

Students will continue their study of digital concepts and will learn how to build digital circuitry using digital integrated circuit chips and basic concepts of computer organization. In addition, emphasis will be placed on learning how to troubleshoot digital circuits and digital systems. Each student will build a digital computer through a series of laboratory projects. 2 hrs. lecture, 3 hrs. open lab/wk.

Credit Hours: 3

Prerequisite: ELEC 125

Outline (http://catalog.jccc.edu/spring/coursedescriptions/elec/#ELEC_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11355 001 F2F	M-W----	03:00-03:50 PM	01/21/15-05/22/15	ITC 188	Cody P	26 of 26
	Lab -----	-	01/21/15-05/22/15	ITC 188		

Kansas Senate Bill SB 155

ELEC 230 - Electronic Devices II

This class is a continuation of the electronic devices sequence. Topics include operational amplifiers, thyristors and voltage regulators. Operational amplifier applications include comparators, summing amplifiers, integrators, differentiators and active filters. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Prerequisite: ELEC 130

Outline (http://catalog.jccc.edu/spring/coursedescriptions/elec/#ELEC_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11356 001 F2F	M-W----	01:00-01:50 PM	01/21/15-05/22/15	ITC 184	Fouad H	20 of 20
	Lab M-W----	02:00-03:20 PM	01/21/15-05/22/15	ITC 184		

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ELEC 240 - Electronic Communication Systems

This course provides a study of electronic communication systems. Topics include the electromagnetic spectrum, decibels, noise, amplitude modulation, antennas, transmission lines and the global positioning satellite system. 3 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 4

Associated Costs: \$10 to 30

Prerequisite or corequisite: ELEC 230

Outline (http://catalog.jccc.edu/spring/coursedescriptions/elec/#ELEC_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11357 001 F2F	M-W----	04:30-05:20 PM	01/21/15-05/22/15	ITC 184	King M	20 of 20
	Lab --W----	05:30-06:50 PM	01/21/15-05/22/15	ITC 184		

Kansas Senate Bill SB 155

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/spring/coursedescriptions/elec/#ELEC_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11358 001 F2F	M-W----	06:00-06:50 PM	01/21/15-05/22/15	ITC 188	Pitts R	17 of 17
	Lab M-W----	07:00-08:20 PM	01/21/15-05/22/15	ITC 191A		

Kansas Senate Bill SB 155

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/spring/coursedescriptions/elec/#ELEC_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11359 500 INT	-----	-	01/20/15-05/22/15		Cody P	5 of 5

Kansas Senate Bill SB 155
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 different occupancies. 4 hrs. lecture /wk.

Credit Hours: 4

Outline (http://catalog.jccc.edu/spring/coursedescriptions/elte/#ELTE_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10464 001 F2F	-T-R---	07:00-08:50 PM	01/20/15-05/22/15	ATB 127	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

Outline (http://catalog.jccc.edu/spring/coursedescriptions/elte/#ELTE_123)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10466 001 F2F	M-W----	08:00-09:20 AM	01/21/15-05/22/15	ATB 164A	Klammer W	16 of 16
	Lab M-W----	09:30-10:50 AM	01/21/15-05/22/15	ATB 164A		

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

Outline (http://catalog.jccc.edu/spring/coursedescriptions/elte/#ELTE_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10469 001 F2F	-T-----	04:00-06:50 PM	01/20/15-05/22/15	ATB 168B	Randazzo C	16 of 16
	Lab ---R---	04:00-06:50 PM	01/22/15-05/22/15	ATB 127		

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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/spring/coursedescriptions/elte/#ELTE_200)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10470 001 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	ATB 127	Randazzo C	16 of 16
	Lab M-----	06:00-08:50 PM	01/26/15-05/22/15	ATB 168B		

Kansas Senate Bill SB 155

ELTE 210 - Code Certification Review

Upon successful completion of this course, the student should be able to use the current National Electrical Code to do calculations involving loads, lighting and circuit sizing. The course will cover typical load calculations used in both residential and commercial settings. The student should also be able to interpret and apply the National Electrical Code rules to special wiring systems including Hazardous Locations, Elevators, Remote-control circuits and Fire Alarm systems. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ELTE 122

Outline (http://catalog.jccc.edu/spring/coursedescriptions/elte/#ELTE_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10478 001 F2F	M-W----	04:00-05:20 PM	01/21/15-05/22/15	ATB 127	Weible M	30 of 30

ELTE 215 - Generators, Transformers and Motors

This is an advanced course on the use of generators, transformers and motors. Upon successful completion of this course, the student should be able to interpret and apply the rules of the current National Electrical Code to wiring systems composed of these electrical components. Also, the student will gain a working knowledge of the theory of these single-phase and 3-phase electrical components and their practical applications in everyday use in the electrical industry. 4 hrs. lecture/wk.

Credit Hours: 4

Prerequisites: ELTE 123 and one of the following: ELTE 122 or ELTE 125 or ELTE 200 or equivalent experience and department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/elte/#ELTE_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10480 001 F2F	-T-R---	07:00-08:50 PM	01/20/15-05/22/15	ATB 142	Randazzo C	16 of 16

Kansas Senate Bill SB 155

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/spring/coursedescriptions/ems/#EMS_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12757 001 F2F	-T-----	06:00-10:00 PM	01/20/15-02/17/15	SCI 112	Parker J Whim A	24 of 24


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12758 002 F2F	-T-----	06:00-10:00 PM	03/31/15-04/28/15	SCI 112	Parker J Whim A	24 of 24
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12759 003 F2F	M---F--	12:00-02:00 PM	03/30/15-05/01/15	SCI 112	Whim A	24 of 24
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Kansas Senate Bill SB 155

12760 004 F2F --R--- 08:30-03:30 PM 02/26/15-03/12/15  LCS 10 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/spring/coursedescriptions/ems/#EMS_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12761 001 F2F	--WR---	12:00-03:00 PM	01/21/15-05/22/15	 BMU 129	Foster C Michel L	24 of 24
Kansas Senate Bill SB 155						
12762 002 F2F	MTW----	06:00-09:30 PM	01/20/15-03/11/15	SCI 222	Ratliff W Smith B	24 of 24
Kansas Senate Bill SB 155						
12763 003 F2F	MTW----	06:00-09:30 PM	03/23/15-05/13/15	SCI 222	Ratliff W Heininger J	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/spring/coursedescriptions/ems/#EMS_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12764 001 F2F	-T-R---	01:30-05:30 PM	01/20/15-05/22/15	SCI 101L	Craig S	36 of 36
	-T-R---	01:30-05:30 PM	01/20/15-05/22/15	SCI 101M		
	-T-R---	01:30-05:30 PM	01/20/15-05/22/15	SCI 101N		
	-----	-	01/20/15-05/22/15	Online		

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

12765 002 F2F	MT-R---	06:00-10:00 PM	01/20/15-05/22/15	SCI 101L	Biggs S	36 of 36
	MT-R---	06:00-10:00 PM	01/20/15-05/22/15	SCI 101M		
	MT-R---	06:00-10:00 PM	01/20/15-05/22/15	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/spring/coursedescriptions/ems/#EMS_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12766 001 F2F	--W----	06:00-09:00 PM	01/21/15-05/22/15	SCI 112	Wright R	20 of 20

Kansas Senate Bill SB 155

EMS 220 - MICT I

MICT I is the first of four courses in advanced out-of-hospital emergency medical care leading to the opportunity to sit for the National Registry Examination for Paramedics. In this narrowly focused but intense foundational course, the paramedic student will gain a significant knowledge of patient assessment, pharmacology and medication administration techniques, electrocardiography, advanced airway management, and paramedic scope of practice. Much material will be covered rapidly, and emphasis is on organization, internalization and synthesis of the basic knowledge of the discipline in this 10-week course. Additionally, during the initial psychomotor teaching labs, students will gain the ability to assess patients, administer medications, treat dysrhythmias and manage the airway through manikin practice. 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. 192 hrs. integrated lecture/lab.

Credit Hours: 10

Associated Costs: \$700 to 1,000

Prerequisite: Admission to the MICT program

Outline (http://catalog.jccc.edu/spring/coursedescriptions/ems/#EMS_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12767 001 F2F	MTWRF--	09:00-04:30 PM	01/05/15-03/13/15	SCI 101L	Wnek S Grubbs K Parker R	24 of 24
	MTWRF--	09:00-04:30 PM	01/05/15-03/13/15	SCI 101M		
	MTWRF--	09:00-04:30 PM	01/05/15-03/13/15	SCI 101N		

Kansas Senate Bill SB 155

Requirement: selective admission approval

EMS 225 - MICT II

MICT II is the second of four courses in advanced out-of-hospital emergency medical care leading to the opportunity to sit for the National Registry Examination for Paramedics. This course builds on the foundational knowledge developed in MICT I and covers advanced management of medical and trauma emergencies in the out-of-hospital environment. Much material will be covered rapidly, and emphasis is on organization, internalization, synthesis and application of the basic knowledge of the discipline in this 10-week course. Students demonstrate competency at motor skill performance, and extensive simulation practice is afforded. Students begin field observation with a paramedic ambulance crew and complete an Advanced Cardiac Life Support Course. 314 hrs. integrated lecture/lab/field experience.

Credit Hours: 10

Prerequisite: EMS 220 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/ems/#EMS_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12775 001 F2F	MTWRF--	09:00-04:30 PM	03/23/15-05/25/15	SCI 101L	Wnek S Grubbs K Parker R	24 of 24
	MTWRF--	09:00-04:30 PM	03/23/15-05/25/15	SCI 101M		

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/spring/coursedescriptions/engl/#ENGL_102)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10001 001 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	LIB 359	Harris S	15 of 15
10002 002 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	LIB 359	Harris S	15 of 15
10003 003 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	RC 346	Harris S	15 of 15
10004 004 F2F	M-W----	06:00-07:15 PM	01/21/15-05/22/15	ATB 133	Sharif A	15 of 15
10006 005 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CC 329	Biondo A	15 of 15
10287 006 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CC 318	Biondo A	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/spring/coursedescriptions/engl/#ENGL_103)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10259 960 IND	-----	-	01/20/15-05/22/15		Byrne K	50 of 50

Writing Center Course

Note: If enrolling on 1/20/15 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is February 6, if enrolling in three Writing Center modules, March 6, if enrolling in two and April 10, 2015, 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/spring/coursedescriptions/engl/#ENGL_106)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10007 001 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CC 229	Fitzpatrick M	24 of 24
10008 002 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	ATB 133	Davis D	25 of 25
10009 003 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	ATB 134	Davis D	25 of 25
10010 004 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	ATB 134	Brannan R	25 of 25
10011 005 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	ATB 134	Brannan R	25 of 25
10012 006 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CC 316	Gulley B	24 of 24
10013 007 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CC 316	Gulley B	24 of 24
10015 009 F2F	-T-R---	02:00-03:30 PM	02/03/15-05/22/15	LIB 352	Reynolds T	25 of 25
10279 010 F2F	-T-R---	02:30-04:00 PM	02/03/15-05/22/15	 LCS	Devictor C	20 of 20
10016 011 F2F	-T-R---	03:30-04:45 PM	01/20/15-05/22/15	CC 314	Biondo A	25 of 25
10280 012 F2F	M-----	06:00-09:00 PM	02/02/15-05/22/15	 LCS	Devictor C	20 of 20
10017 013 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	ATB 131	Anderson K	25 of 25
10018 014 F2F	---R---	06:00-08:50 PM	01/22/15-05/22/15	LIB 357	Anderson K	24 of 24
10019 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Davis D	25 of 25
10020 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Jones N	25 of 25

Note: Enrollment for ENGL 106-426 starts November 1 and ends March 31, 2015 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. 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/spring/coursedescriptions/engl/#ENGL_107)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10260 960 IND	-----	-	01/20/15-05/22/15		Byrne K	50 of 50

Writing Center Course

Note: If enrolling on 1/20/15 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is February 6, if enrolling in three Writing Center modules, March 6, if enrolling in two and April 10, 2015, 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/spring/coursedescriptions/engl/#ENGL_108)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10261 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Devictor C Byrne K	20 of 20

Writing Center Course

Note: If enrolling on 1/20/15 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is February 6, if enrolling in three Writing Center modules, March 6, if enrolling in two and April 10, 2015, if enrolling in one. Contact the Writing Center for more information or to schedule your class.

10262 960 IND	-----	-	01/20/15-05/22/15		Byrne K	50 of 50
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Writing Center Course

Note: If enrolling on 1/20/15 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is February 6, if enrolling in three Writing Center modules, March 6, if enrolling in two and April 10, 2015, 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/spring/coursedescriptions/engl/#ENGL_109)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10263 960 IND	-----	-	01/20/15-05/22/15		Byrne K	50 of 50

Writing Center Course

Kansas Senate Bill SB 155

Note: If enrolling on 1/20/15 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is February 6, if enrolling in three Writing Center modules, March 6, if enrolling in two and April 10, 2015, 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/spring/coursedescriptions/engl/#ENGL_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10264 960 IND	-----	-	01/20/15-05/22/15		Byrne K	50 of 50

Writing Center Course

Note: If enrolling on 1/20/15 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is February 6, if enrolling in three Writing Center modules, March 6, if enrolling in two and April 10, 2015, 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/spring/coursedescriptions/engl/#ENGL_112)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10265 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Devictor C Byrne K	20 of 20

Writing Center Course

Note: If enrolling on 1/20/15 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is February 6, if enrolling in three Writing Center modules, March 6, if enrolling in two and April 10, 2015, if enrolling in one. Contact the Writing Center for more information or to schedule your class.

10266 960 IND	-----	-	01/20/15-05/22/15		Byrne K	50 of 50
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Writing Center Course

Note: If enrolling on 1/20/15 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is February 6, if enrolling in three Writing Center modules, March 6, if enrolling in two and April 10, 2015, 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.

Credit Hours: 1

Outline (http://catalog.jccc.edu/spring/coursedescriptions/engl/#ENGL_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10267 960 IND	-----	-	01/20/15-05/22/15		Byrne K	50 of 50

Writing Center Course

Note: If enrolling on 1/20/15 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is February 6, if enrolling in three Writing Center modules, March 6, if enrolling in two and April 10, 2015, 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.

Credit Hours: 1

Outline (http://catalog.jccc.edu/spring/coursedescriptions/engl/#ENGL_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10268 960 IND	-----	-	01/20/15-05/22/15		Byrne K	50 of 50

Writing Center Course

Note: If enrolling on 1/20/15 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is February 6, if enrolling in three Writing Center modules, March 6, if enrolling in two and April 10, 2015, 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/spring/coursedescriptions/engl/#ENGL_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10023 003 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	CC 217	Pace A	24 of 24
10024 004 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	CC 215	Bennett S	24 of 24
10025 005 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	CC 316	Geekie K	24 of 24
10119 006 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CC 217	Pace A	24 of 24
10027 007 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	ATB 134	Alexander D	25 of 25
10028 008 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CC 215	Bennett S	24 of 24
10029 009 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CC 329	Baker M	24 of 24
10030 010 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	LIB 352	Small J	25 of 25
10031 011 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	ATB 134	Alexander D	25 of 25
10032 012 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	GEB 238	Bell S	24 of 24

This section's title is Composition I Honors.

Honors Course

Note: For this honors section the prerequisite is either an ACT score of 25 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

10033 013 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CC 217	McWard J	24 of 24
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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.

10034 014 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CC 329	Reynolds T	24 of 24
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10035 015 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CC 217	Pace A	24 of 24
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10036 016 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	LIB 352	Small J	25 of 25
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10037 017 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	CC 217	Ganguly Puckett S	24 of 24
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10038 018 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	CC 329	Reynolds T	24 of 24
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10039 019 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	ATB 133	Boyer J	25 of 25
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10040 020 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	LIB 359	Chapman C	20 of 20
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10041 021 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	GEB 238	Bell S	24 of 24
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This section's title is Composition I Honors.

Honors Course

Note: For this honors section the prerequisite is either an ACT score of 25 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

10042 022 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	LIB 357	Chapman C	24 of 24
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10043 023 F2F	M-W-F--	02:00-02:50 PM	01/21/15-05/22/15	ATB 133	Boyer J	25 of 25
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10044 024 F2F	M-W-F--	02:00-02:50 PM	01/21/15-05/22/15	LIB 357	Skidmore P	24 of 24
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10045 025 F2F	M-W-F--	03:00-03:50 PM	01/21/15-05/22/15	LIB 357	Skidmore P	24 of 24
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10046 026 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	CC 314	Jones N	25 of 25
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10047 027 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	ATB 134	Miles L	25 of 25
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10289 028 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	CC 217	Paldino L	24 of 24
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10049 029 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CC 314	Jones N	25 of 25
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10050 030 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	ATB 134	Dunn S	25 of 25
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10048 031 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CC 215	Paldino L	24 of 24
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10051	032 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	GEB 242	Brannan R	25 of 25
10053	033 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	LIB 357	Rollins T	24 of 24
10055	035 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CC 217	Dixon G	24 of 24
10056	036 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	LIB 357	Rollins T	24 of 24
10054	037 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	ATB 133	Jones N	25 of 25
10058	038 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	CC 329	Brannan R	24 of 24
10057	039 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	CC 217	Dixon G	24 of 24
10059	040 F2F	-T-R---	03:30-04:45 PM	01/20/15-05/22/15	CC 324	Longfellow B	24 of 24
10060	043 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	CC 316	Schaff P	24 of 24
10061	044 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	CC 215	Storkel S	24 of 24
10062	045 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	CC 215	Edie S	24 of 24
10063	046 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	CC 217	Schaff P	24 of 24
10272	047 F2F	-T-----	06:00-09:00 PM	02/03/15-05/22/15	 DSH	Devictor C	25 of 25
10273	048 F2F	--W----	06:00-09:00 PM	02/04/15-05/22/15	 WPK	Edie S	20 of 20
10064	049 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	LIB 357	Frazier C	24 of 24
10276	050 F2F	--W----	06:00-09:00 PM	02/04/15-05/22/15	 SMN	Faculty	25 of 25
10065	051 F2F	---R---	06:00-08:50 PM	01/22/15-05/22/15	CC 215	Brunner L	24 of 24
10066	052 F2F	----F--	06:00-08:50 PM	01/23/15-05/22/15	CC 217	Brunner L	24 of 24
10067	053 F2F	----S-	11:00-01:50 PM	01/24/15-05/22/15	CC 215	Longfellow B	24 of 24
12877	057 F2F	M-W----	04:00-06:50 AM	01/21/15-03/15/15	CC 329	Faculty	24 of 24
Co-requisite to enroll in Enroll in both							
10068	350 ONLNE	-----	-	01/20/15-05/22/15	Online	Werkmeister S	25 of 25
10069	351 ONLNE	-----	-	01/20/15-05/22/15	Online	Werkmeister S	25 of 25
10071	353 ONLNE	-----	-	01/20/15-05/22/15	Online	Nelson J	25 of 25
10073	355 ONLNE	-----	-	01/20/15-05/22/15	Online	Lycan B	25 of 25
10074	356 ONLNE	-----	-	01/20/15-05/22/15	Online	Kern S	25 of 25
10076	358 ONLNE	-----	-	01/20/15-05/22/15	Online	Petrillo S	25 of 25
10078	360 ONLNE	-----	-	01/20/15-05/22/15	Online	Frazier C	25 of 25

Note: Enrollment for ENGL 121-426 starts on November 1 and ends on March 31, 2015 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.

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/spring/coursedescriptions/engl/#ENGL_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10114 001 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	LIB 359	Rollins T	20 of 20
10115 002 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CC 316	Schmeer M	24 of 24
10116 003 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	LIB 357	Browning M	24 of 24
10117 004 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CC 314	Karle K	25 of 25
10118 005 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	LIB 359	Rollins T	20 of 20
10120 006 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	ATB 132	Cantwell D	25 of 25
10121 007 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CC 314	Karle K	25 of 25
10122 008 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CC 316	Schmeer M	24 of 24
10123 009 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	LIB 357	Browning M	24 of 24
10124 010 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	GEB 238	Schmeer M	25 of 25

This section's title is 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 25 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, or 913-469-8500 ext. 2512.

Requirement: Department approval

10125 011 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CC 316	Gulley B	24 of 24
10126 012 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	LIB 357	Dixon G	24 of 24

10127	013 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CC 215	Williams C	24 of 24
10128	014 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	CC 316	Gulley B	24 of 24
10129	015 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	LIB 357	Dixon G	24 of 24
10130	016 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	ATB 132	Carpenter W	25 of 25
10131	017 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	ATB 132	Carpenter W	25 of 25
10132	018 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	CC 215	Davis M	24 of 24
10133	019 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	CC 316	Gulley B	24 of 24
10134	020 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	CC 217	Hodgkin J	24 of 24
10135	021 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	CC 329	Lycan B	24 of 24
10136	022 F2F	M-W-F--	02:00-02:50 PM	01/21/15-05/22/15	CC 217	Hodgkin J	24 of 24
10137	023 F2F	M-W-F--	02:00-02:50 PM	01/21/15-05/22/15	CC 215	Davis M	24 of 24
10138	024 F2F	M-W-F--	04:00-04:50 PM	01/21/15-05/22/15	CC 215	Stock J	24 of 24
10139	025 F2F	M-W-F--	05:00-05:50 PM	01/21/15-05/22/15	CC 215	Stock J	24 of 24
10140	028 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	CC 215	Haas K	24 of 24
10141	029 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	CC 324	Karle K	24 of 24
10142	030 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CC 329	Luthi G	24 of 24
10143	031 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CC 324	Karle K	24 of 24
10144	032 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	LIB 359	Werkmeister S	20 of 20
10145	033 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CC 314	Davis D	25 of 25
10146	034 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CC 215	Jenab F	18 of 18
10147	035 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CC 329	Luthi G	24 of 24
10193	036 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	ATB 134	Alexander D	25 of 25
10194	037 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CC 215	Jenab F	18 of 18
10195	038 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CC 316	Werkmeister S	24 of 24
10196	039 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	ATB 134	Alexander D	25 of 25
10197	040 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	ATB 132	Bell S	25 of 25
10198	041 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CC 314	Davis D	25 of 25
10199	042 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	GEB 242	Senter M	25 of 25

10200 043 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	ATB 132	Bell S	25 of 25
10288 045 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	CC 215	Williams C	24 of 24
10203 046 F2F	-T-R---	03:30-04:45 PM	01/20/15-05/22/15	GEB 242	Senter M	25 of 25
10202 047 F2F	-T-R---	03:30-04:45 PM	01/20/15-05/22/15	CC 215	Hogan Adams M	24 of 24
10204 048 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	GEB 242	Luthi G	25 of 25
10206 049 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	GEB 242	Jackson M	25 of 25
10207 051 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	GEB 242	Koenigsdorf F	25 of 25
10277 052 F2F	---R---	06:00-09:00 PM	02/05/15-05/22/15	 OHEC 143	Jackson M	22 of 22
10208 053 F2F	---R---	06:00-08:50 PM	01/22/15-05/22/15	ATB 131	Faculty	25 of 25
10209 054 F2F	----S-	08:00-10:50 AM	01/24/15-05/22/15	CC 217	Varzaly M	24 of 24
10210 055 F2F	-----U	02:00-04:40 PM	01/25/15-05/22/15	CC 215	Varzaly M	24 of 24
12879 057 F2F	M-W----	07:00-09:50 PM	01/21/15-03/15/15	LIB 352	Faculty	24 of 24

Two x 2 x 2

KBOR Seamless Transfer

Note: ENGL 122-057 is an eight-week class and part of the new Two-by-Two Degree Schedule. It moves twice as fast in half the time so students can complete the class by mid-semester. The class is open to all students who have completed the required pre-requisites.

10177 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Lane J	25 of 25
10179 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Browning M	25 of 25
10180 353 ONLNE	-----	-	01/20/15-05/22/15	Online	Hogan Adams M	25 of 25
10181 354 ONLNE	-----	-	01/20/15-05/22/15	Online	Hogan Adams M	25 of 25
10182 355 ONLNE	-----	-	01/20/15-05/22/15	Online	Davis D	25 of 25
10184 357 ONLNE	-----	-	01/20/15-05/22/15	Online	Davis D	25 of 25
10185 358 ONLNE	-----	-	01/20/15-05/22/15	Online	Cooper J	25 of 25
10187 360 ONLNE	-----	-	01/20/15-05/22/15	Online	Knight E	25 of 25
10189 362 ONLNE	-----	-	01/20/15-05/22/15	Online	Heflin R	25 of 25
10191 364 ONLNE	-----	-	01/20/15-05/22/15	Online	Funari A	25 of 25
10271 426 SEL	-----	-	01/20/15-05/22/15	Self Paced	Fitzpatrick M	25 of 25

Note: Enrollment for ENGL 122-426 starts November 1 and ends March 31, 2015 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.

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/spring/coursedescriptions/engl/#ENGL_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10079 001 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CC 217	Gerson S	24 of 24
10080 002 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CC 217	Gerson S	24 of 24
10081 003 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	CC 217	Gerson S	24 of 24
10082 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Gerson S	20 of 20
10083 351 ONLNE	-----	-	01/20/15-05/22/15	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/spring/coursedescriptions/engl/#ENGL_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10084 001 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	CC 128	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, cwilliam@jccc.edu .						
10085 002 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	ATB 133	Hogan Adams M	30 of 30

10086 003 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	ATB 134	Alexander D	30 of 30
10087 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Geekie K	25 of 25
10088 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Rollins T	25 of 25
10270 426 SEL	-----	-	01/20/15-05/22/15	Self Paced	Ganguly Puckett S	15 of 15

Note: Enrollment for ENGL 130-426 starts on November 1 and ends on March 31, 2015 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.

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/spring/coursedescriptions/engl/#ENGL_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10089 001 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	LIB 359	Fitzpatrick M	18 of 18
10090 002 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	LIB 359	Fitzpatrick 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/spring/coursedescriptions/engl/#ENGL_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
.....	---	LIB 359	18 of 18

ENGL 205 - Bible as Literature

This course introduces students to the literary aspects of Bible. Students will read extracts from both the Hebrew and Greek portions of the Bible in translation. They will learn to analyze these readings as representatives of the Bible's many literary forms. Students will also sample from later literary works that draw on biblical sources for their inspiration. Students will write essays demonstrating their understanding of the works studies. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 122

Outline (http://catalog.jccc.edu/spring/coursedescriptions/engl/#ENGL_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10092 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Browning M	25 of 25

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/spring/coursedescriptions/engl/#ENGL_217)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10093 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Hogan Adams M	25 of 25
10283 351 ONLNE	-----	-	01/20/15-05/22/15	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/spring/coursedescriptions/engl/#ENGL_222)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10284 001 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	ATB 133	Brannan R	25 of 25

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/spring/coursedescriptions/engl/#ENGL_223)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10094 001 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	CC 324	Luthi G	24 of 24
10095 002 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	CC 316	Schmeer M	24 of 24

ENGL 224 - Creative Writing Workshop

In this class, students will build upon the knowledge and skills learned in ENGL 223. In addition to studying writing techniques, they will produce a body of written work in one or more literary genres of their choice: poetry, fiction, and/or drama. They will also read other students' work and provide useful feedback on that work. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$15 to 25

Prerequisite: ENGL 223

Outline (http://catalog.jccc.edu/spring/coursedescriptions/engl/#ENGL_224)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10096 001 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	CC 316	Luthi G	24 of 24

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/spring/coursedescriptions/engl/#ENGL_227)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10097 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Reynolds T	25 of 25

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/spring/coursedescriptions/engl/#ENGL_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10098 001 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	ATB 132	Harris S	30 of 30
10099 002 F2F	M-W-F--	01:00-01:50 PM	01/20/15-05/22/15		Harris S	30 of 30
10291 003 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CC 324	Davis D	24 of 24

Special Focus

Note: This course focuses on the literary genre of Fantasy. All poems, plays and fiction will be representative of that genre. Along with the structural elements of the various forms, we will also look at what defines Fantasy as a genre. For further information, please contact Prof. Dave Davis, ddavis@jccc.edu.

10100 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Davis D	25 of 25
10101 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Ganguly Puckett S	25 of 25
10102 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Ganguly Puckett S	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/spring/coursedescriptions/engl/#ENGL_232)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10104 001 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	GEB 242	Senter M	25 of 25
10105 002 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	GEB 242	Senter M	25 of 25
10106 003 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	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/spring/coursedescriptions/engl/#ENGL_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10107 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Werkmeister S	25 of 25

ENGL 237 - British Literature II

In this survey course, the student will study British literature written from 1800 to the present. Major authors from the Romantic, Victorian and Modern eras, such as Austen, Blake, Wordsworth, the Shelleys, Dickens, Tennyson, the Brownings, Eliot, and Woolf, will be included. 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 chosen from the traditions of Australia, India, Asia, various regions of Africa, or the Middle East. British Literature I is NOT a prerequisite for this course. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 122

Outline (http://catalog.jccc.edu/spring/coursedescriptions/engl/#ENGL_237)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10285 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Harris S	25 of 25

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/spring/coursedescriptions/engl/#ENGL_243)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10108 001 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	CC 324	Davis D	24 of 24

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/spring/coursedescriptions/engl/#ENGL_244)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10109 001 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	ATB 132	Cantwell D	30 of 30

ENGL 247 - American Literature II

This survey course is a stand-alone course which need not be taken after American Literature I, covering the pre-Colonial period through the post-Civil War era. American Literature II presents a series of literary works by American writers that reflects the attitudes and identity of our national literature and culture from the post-Civil War era to the present. 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 and are still influencing America's national literary identity. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 122

Outline (http://catalog.jccc.edu/spring/coursedescriptions/engl/#ENGL_247)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10282 350 ONLINE	-----	-	01/20/15-05/22/15	Online	Browning M	25 of 25

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/spring/coursedescriptions/engl/#ENGL_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10111 001 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	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/spring/coursedescriptions/engl/#ENGL_254)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10112 001 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	GEB 256	McWard J	30 of 30
10113 350 ONLINE	-----	-	01/20/15-05/22/15	Online	McWard J	25 of 25

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/spring/coursedescriptions/engl/#ENGL_292)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10286 001 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CC 324	Bell S	24 of 24

This section's title is Special Topics: Narrative Non-Fiction.

Special Focus

Note: This Special Topics course explores and experiments with multiple ways to write narratives, personal essays, memoirs, and other types of creative nonfiction. We will read many styles of narrative nonfiction and you will choose your own forms of narrative nonfiction in order to write your own work. For more information, please contact Prof. Bell, sbell26@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/spring/coursedescriptions/engr/#ENGR_131)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10858 001 F2F	M-W----	12:30-01:45 PM	01/21/15-05/22/15	ITC 122	Johnson S	15 of 15
	Lab	-----	-	01/21/15-05/22/15	ITC 124	

ENGR 254 - Dynamics

Upon successful completion of this course, the student should be able to apply the principles of dynamics, the branch of engineering mechanics that studies objects in motion. Topics covered will include unbalanced force systems (Newton's second law), displacement, velocity and acceleration, work and energy, and impulse and momentum. Computer applications may be included. This course is typically offered in the spring semester. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGR 251

Outline (http://catalog.jccc.edu/spring/coursedescriptions/engr/#ENGR_254)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10859 001 F2F	M-W----	03:00-04:15 PM	01/21/15-05/22/15	ITC 122	Johnson S	15 of 15

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/spring/coursedescriptions/entr/#ENTR_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12806 001 F2F	---F--	05:00-09:30 PM	03/27/15-04/03/15	RC 342	Magnant J	16 of 16
	----S-	08:00-05:00 PM	03/28/15-04/04/15	RC 342		

Note: It is recommended that students also enroll in ENTR 130-003, CRN 12805, 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.

11390 002 F2F	--W----	02:00-05:10 PM	03/25/15-05/13/15	RC 342	Magnant J	16 of 16
11392 350 ONLNE	-----	-	01/20/15-03/09/15	Online	Grandgenett C	20 of 20
11393 351 ONLNE	-----	-	03/23/15-05/11/15	Online	Grandgenett C	20 of 20

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/spring/coursedescriptions/entr/#ENTR_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11395 001 F2F	M-----	09:00-11:40 AM	02/09/15-05/18/15	RC 342	Duffey D	16 of 16

Note: It is a REQUIREMENT the book for this class is bought in the JCCC Bookstore as it has access codes that are needed for assignments related to

course completion.

11396 002 F2F	--W----	09:00-11:15 AM	01/21/15-05/20/15	RC 342	Magnant J	18 of 18
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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. It is a REQUIREMENT the book for this class is bought in the JCCC Bookstore as it has access codes that are needed for assignments related to course completion

12805 003 F2F	----F--	05:00-09:30 PM	02/27/15-03/13/15	RC 342	Magnant J	16 of 16
	-----S-	08:00-05:00 PM	02/28/15-03/14/15	RC 342		

Note: It is recommended that students also enroll in ENTR 120-001, CRN 12806, 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. It is a REQUIREMENT the book for this class is bought in the JCCC Bookstore as it has access codes that are needed for assignments related to course completion.

ENTR 131 - Financial Management for Small Business

Upon successful completion of this course, the student should be able to identify and evaluate the various sources available for funding a small business; demonstrate an understanding of financial terminology; read, prepare and analyze a financial statement; and write a loan proposal. In addition, the student should be able to explain the importance of working capital and cash management. The student should also be able to identify financing needs, establish credit policies, and prepare sales forecasts. This course is required for a vocational certificate and associate of applied science degree in business entrepreneurship. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: ACCT 111 or ACCT 121

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/entr/#ENTR_131\)](http://catalog.jccc.edu/spring/coursedescriptions/entr/#ENTR_131)

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
11397 001 F2F	---R---	06:00-09:10 PM	03/26/15-05/14/15	RC 342	Sutton D	16 of 16

Kansas Senate Bill SB 155

Note: This course is only offered in the spring semester

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 \(http://catalog.jccc.edu/spring/coursedescriptions/entr/#ENTR_142\)](http://catalog.jccc.edu/spring/coursedescriptions/entr/#ENTR_142)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11399 002 F2F	M-----	02:00-05:10 PM	02/16/15-05/11/15	RC 342	Nadlman K	16 of 16

11401 351 ONLINE	-----	-	02/16/15-05/11/15	Online	Nadlman K	18 of 18
	----S-	08:00-11:45 AM	02/21/15-02/21/15	RC 342		

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/spring/coursedescriptions/entr/#ENTR_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11402 001 F2F	--W----	06:00-09:10 PM	03/25/15-05/13/15	RC 342	Faculty	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/spring/coursedescriptions/entr/#ENTR_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11416 001 F2F	---R---	02:30-05:40 PM	03/26/15-05/14/15	RC 342	Duffey D	16 of 16
12804 002 F2F	--W----	02:00-05:10 PM	01/21/15-03/11/15	RC 342	Duffey D	16 of 16
11417 350 ONLINE	-----	-	03/23/15-05/11/15	Online	Faculty	18 of 18

ENTR 185 - Fundamentals of Direct Sales

Upon successful completion of this course, the student will learn the history of the direct sales industry as well as its current status and economic impact. Trends, both historic and current, will be reviewed and analyzed. Students will research a variety of direct sales companies to include their history, leadership, products, and methods of operation. Students will demonstrate an understanding of the industry, the role of the direct sales independent contractors working within this industry, and the impact of this industry on today's economy. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/entr/#ENTR_185)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11418 001 F2F	-T-----	09:00-12:45 PM	03/03/15-05/12/15	RC 342	Duffey D	16 of 16

Kansas Senate Bill SB 155

Note: This course is only offered in the spring semester

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/spring/coursedescriptions/entr/#ENTR_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11421 500 INT	-----	-	01/20/15-05/22/15		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/spring/coursedescriptions/entr/#ENTR_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11422 500 INT	-----	-	01/20/15-05/22/15		Duffey D	25 of 25

ENTR 220 - Entrepreneurial Marketing

In this course, the student will gain insights essential for marketing an entrepreneurial venture utilizing innovative and financially responsible marketing strategies. The student will analyze marketing philosophies implemented by key successful entrepreneurs. Additionally, the student will prepare a marketing plan to launch the entrepreneurial venture and a marketing plan to implement during the first two years of business operation. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: MKT 230

Outline (http://catalog.jccc.edu/spring/coursedescriptions/entr/#ENTR_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12803 001 F2F	---R---	02:30-05:40 PM	01/22/15-03/12/15	RC 342	Grandgenett C	16 of 16

Note: This course is only offered in the spring semester

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/spring/coursedescriptions/fash/#FASH_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11374 001 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	GEB 354	Benjamin B	20 of 20
Kansas Senate Bill SB 155						
11376 002 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	GEB 354	Benjamin B	20 of 20
Kansas Senate Bill SB 155						
11377 350 ONLINE	-----	-	01/20/15-05/22/15	Online	Rhodes J	20 of 20

Kansas Senate Bill SB 155

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/spring/coursedescriptions/fash/#FASH_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11380 001 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	OCB 374	Rhodes J	20 of 20
Kansas Senate Bill SB 155						
11382 002 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	OCB 374	Rhodes J	20 of 20

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/spring/coursedescriptions/fash/#FASH_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11435 001 F2F	-T-R---	09:00-11:50 AM	01/20/15-05/22/15	OCB 343A	Michaelis A	5 of 5
Kansas Senate Bill SB 155						
11438 003 F2F	-T-R---	06:00-08:50 PM	01/20/15-05/22/15	OCB 343A	Delaney G	4 of 4
Kansas Senate Bill SB 155						
11440 004 F2F	----F--	11:00-05:00 PM	01/23/15-05/22/15	OCB 343A	Delaney G	4 of 4
Kansas Senate Bill SB 155						
12812 005 F2F	M-W----	02:00-04:50 PM	01/26/15-05/22/15	OCB 343A	Peter S	12 of 12
Kansas Senate Bill SB 155						

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/spring/coursedescriptions/fash/#FASH_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11441 001 F2F	-T-R---	09:00-11:50 AM	01/20/15-05/22/15	OCB 343A	Michaelis A	7 of 7
Kansas Senate Bill SB 155						
11443 002 F2F	-T-R---	12:00-02:50 PM	01/20/15-05/22/15	OCB 343A	Michaelis A	12 of 12
Kansas Senate Bill SB 155						
11447 003 F2F	-T-R---	06:00-08:50 PM	01/20/15-05/22/15	OCB 343A	Delaney G	4 of 4
Kansas Senate Bill SB 155						

11454 004 F2F	----F--	11:00-05:00 PM	01/23/15-05/22/15	OCB 343A	Delaney G	4 of 4
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Kansas Senate Bill SB 155

11456 005 F2F	M-W----	11:00-01:50 PM	01/21/15-05/22/15	OCB 343A	Mayo S	12 of 12
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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/spring/coursedescriptions/fash/#FASH_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11457 001 F2F	M-----	12:00-02:50 PM	01/26/15-05/22/15	GEB 354	Lykens C	18 of 18

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/spring/coursedescriptions/fash/#FASH_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11461 001 F2F	-T-R--	02:00-04:50 PM	01/20/15-05/22/15	OCB 374	Hillen D	17 of 17

Kansas Senate Bill SB 155

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/spring/coursedescriptions/fash/#FASH_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11462 001 F2F	M-W----	12:00-01:20 PM	01/21/15-05/22/15	OCB 374	Benjamin B	18 of 18

Kansas Senate Bill SB 155

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/spring/coursedescriptions/fash/#FASH_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11463 001 F2F	M-W----	03:00-05:50 PM	01/21/15-05/22/15	GEB 354	Faculty	12 of 12

Kansas Senate Bill SB 155

11508 002 F2F	-T-R---	06:00-08:50 PM	01/20/15-05/22/15	GEB 354	Faculty	12 of 12
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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/spring/coursedescriptions/fash/#FASH_133)

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

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/spring/coursedescriptions/fash/#FASH_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11520 001 F2F	--W----	12:00-02:55 PM	01/21/15-02/18/15	GEB 354	McCrillis J	15 of 15

Kansas Senate Bill SB 155

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/spring/coursedescriptions/fash/#FASH_143)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11522 001 F2F	-T-R---	06:00-08:50 PM	01/20/15-05/22/15	OCB 343A	Delaney G	4 of 4

Kansas Senate Bill SB 155

11524 002 F2F	----F--	11:00-05:00 PM	01/23/15-05/22/15	OCB 343A	Delaney G	4 of 4
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Kansas Senate Bill SB 155

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.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fash/#FASH_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11526 001 F2F	-T-R---	12:30-01:55 PM	01/20/15-05/22/15	OCB 374	Hillen D	20 of 20
Kansas Senate Bill SB 155						
11527 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Hillen D	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.

Credit Hours: 3

Associated Costs: \$100

Prerequisites: FASH 123 and FASH 131

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fash/#FASH_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12808 001 F2F	----S-	09:00-12:50 PM	01/24/15-05/22/15	OCB 343A	Faculty	12 of 12
Kansas Senate Bill SB 155						
12852 002 F2F	--W----	05:00-08:50 PM	01/21/15-05/22/15	OCB 343A	Faculty	12 of 12
Kansas Senate Bill SB 155						

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/spring/coursedescriptions/fash/#FASH_224)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12811 001 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	GEB 354	Benjamin B	22 of 22
11668 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Benjamin B	25 of 25

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/spring/coursedescriptions/fash/#FASH_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11669 001 F2F	-T-----	02:00-04:50 PM	01/27/15-05/22/15	GEB 354	Mayo S	20 of 20

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FASH 231 - Merchandising Planning and Control

Upon successful completion of this course, the student should be able to describe the management structure of retail merchandising operations, contrast merchandising functions among various types of retail operations, explain the buying process, explain the financial operations of retail merchandising and apply these principles in computer-simulated case situations. 3 hrs. lecture/wk. This course is typically taught in the spring semester.

Credit Hours: 3

Prerequisite: MATH 120

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fash/#FASH_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11670 001 F2F	-T-R---	11:00-12:20 PM	01/20/15-05/22/15	PA 134	Mayo S	17 of 17

Kansas Senate Bill SB 155

FASH 255 - Apparel Specification Technology

Upon successful completion of this course, the student should be able to define the critical components of an apparel technical package and its importance in the product development process. Students will use industry product lifecycle management software to develop a detailed apparel technical package. The class will use lecture, demonstration and hands on experience. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: FASH 131 and FASH 133

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fash/#FASH_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12809 001 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	OCB 374	Rhodes J	24 of 24

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FASH 268 - Field Study: The Market Center

Upon successful completion of this course, the student should be able to identify and distinguish between national, regional and local retail market centers. In addition, the student should be able to explain the importance of market centers, analyze the marketing mix of selected retailers and describe uses of fashion auxiliary services. This is a suggested course for the Fashion Merchandising program. 3 hrs. lecture/wk. This course is typically taught in the spring semester.

Credit Hours: 3

Associated Costs: \$900

Prerequisite: FASH 121

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fash/#FASH_268)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11671 975 TRV	--W----	08:00-09:50 AM	01/21/15-05/22/15	OCB 374	Rhodes J	8 of 8

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Requirement: Department approval

FASH 275 - Fashion Portfolio Development

Students will compile, select and create new material for their portfolio as well as evaluate their own competencies and strengths. In addition, students will create a resume and perform a mock interview to be reviewed by faculty and peers. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisites: FASH 121 and FASH 124 and FASH 265

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fash/#FASH_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12810 001 F2F	-T-----	09:30-10:25 AM	01/20/15-05/22/15	GEB 351A	Benjamin B	17 of 17

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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/spring/coursedescriptions/fash/#FASH_277)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11672 001 F2F	M-W----	11:00-11:50 AM	01/21/15-05/22/15	GEB 354	Lykens C	20 of 20

FASH 280 - Capstone: Industry Topics

Upon successful completion of this course, the student should be able to exhibit knowledge and work-based skill inherent to fashion retailing, wholesaling and manufacturing. The student will have opportunities to apply knowledge gained in prior courses analyzing industry topics. This capstone course will review and evaluate competencies that are essential for employment in the fashion industry. This course is required for the Fashion Merchandising program. 3 hrs. lecture/wk. This course is typically taught in the spring semester.

Credit Hours: 3

Prerequisites: 40 credit hours toward Fashion Merchandising or Design degree to be approved by the department. Students must pass all FASH courses with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fash/#FASH_280)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11674 002 F2F	-T-R---	09:30-10:50 AM	01/20/15-05/22/15	GEB 354	McCrillis J	12 of 12

This section's title is Capstone:Industry Topics Merch.

Kansas Senate Bill SB 155

Capstone: Merchandise

11673 01 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	GEB 354	McCrillis J	10 of 10
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This section's title is CapstoneIndustry Topics Desgni.

Kansas Senate Bill SB 155

Capstone: Design

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/spring/coursedescriptions/fash/#FASH_283)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11675 500 INT	-----	-	01/20/15-05/22/15	OCB	McCrillis J	20 of 20

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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/spring/coursedescriptions/fash/#FASH_284)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11733 500 INT	-----	-	01/20/15-05/22/15	OCB	McCrillis J	20 of 20

Kansas Senate Bill SB 155

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/spring/coursedescriptions/fash/#FASH_285)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11734 500 INT	-----	-	01/20/15-05/22/15	OCB	McCrillis J	4 of 4

Kansas Senate Bill SB 155

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/spring/coursedescriptions/fash/#FASH_286)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11735 500 INT	-----	-	01/20/15-05/22/15	OCB	McCrillis J	4 of 4

Kansas Senate Bill SB 155

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 administered 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/spring/coursedescriptions/fire/#FIRE_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10317 001 F2F	-T-----	05:30-08:30 PM	02/03/15-06/07/15	 OPF	Lehmann R Wigginton T Mosher F Wickersheim D Barnum E Miller T Stapp J	24 of 24
	--WR---	05:30-09:30 PM	02/04/15-06/07/15	 OPF		
	-----S-	08:30-12:30 PM	02/07/15-06/07/15	 OPF		

Kansas Senate Bill SB 155

FIRE 136 - Fire and Emergency Management

Managing resources is a part of every incident. The ability to manage these resources is crucial in safely and effectively mitigating the incident. Organizations must have a system in place prior to the incident, which will facilitate the management of resources. Federal legislation mandates organizations, which respond to hazardous materials incidents, use an incident management system. This course provides information about incident management systems, as well as pursues issues wherein it needs to be utilized. 3 hrs. lecture/wk. This course is typically taught in the spring semester.

Credit Hours: 3

Prerequisite: FIRE 110 or FIRE 120

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fire/#FIRE_136)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10321 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Lehmann R	30 of 30

Kansas Senate Bill SB 155

FIRE 152 - Codes/Detection and Suppression Systems

This course will provide a basis for students to become familiar with and utilize fire codes that are in use today. It will also provide students with basic knowledge of detection and suppression systems that are an ever increasing part of fire control today. 3 hrs. lecture/wk. This course is typically taught in the spring semester.

Credit Hours: 3

Prerequisite: FIRE 110 or FIRE 120

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fire/#FIRE_152)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10322 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Lehmann R	30 of 30

Kansas Senate Bill SB 155

FIRE 201 - Leadership in the Fire Service

This is a course that will delve into leadership as defined and utilized in the fire service setting. It will review many types of leaders and the qualities that make them leaders. It will also provide students insight into the type of leaders they may see in the fire service as well as provide them with role models for their use as future fire service leaders. 3 hrs. lecture/wk. This course is typically taught in the spring semester.

Credit Hours: 3

Prerequisite: FIRE 110 or FIRE 120

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fire/#FIRE_201)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10323 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Lehmann R	30 of 30

Kansas Senate Bill SB 155

Foreign Language

FL 117 - Elementary Latin II

This course will complete the presentation of basic Latin vocabulary and grammar. Fundamental grammar concepts, extensive word study for English vocabulary growth and the lasting contributions of Roman society to Western civilization will be emphasized. 3 hrs. lecture/wk. This course is taught in the spring semester.

Credit Hours: 3

Prerequisite: FL 116 or one year of high-school Latin

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fl/#FL_117)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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/spring/coursedescriptions/fl/#FL_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12590 001 F2F	M-W-F--	01:00-02:25 PM	01/21/15-05/22/15	CC 229	Littrell A	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/spring/coursedescriptions/fl/#FL_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12591 001 F2F	M-W-F--	02:00-03:25 PM	01/21/15-05/22/15	GEB 281	McDonald T	22 of 22

FL 124 - Elementary Hebrew II

In this course, students will continue to develop skills in Hebrew: listening, speaking, reading and writing. This course is designed to encourage students to engage in classroom dialogue facilitating comfort with the spoken language. Exposure to aspects of Israeli culture will be integrated into the course. 5 hrs. lecture/wk.

Credit Hours: 5

Associated Costs: \$0 to 17

Prerequisite: FL 123

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fl/#FL_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12592 001 F2F	-T-R---	06:00-08:10 PM	01/20/15-05/22/15	PA 145	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/spring/coursedescriptions/fl/#FL_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12594 002 F2F	MTWRF--	09:00-09:50 AM	01/20/15-05/22/15	CC 224	Wolff C	24 of 24
12595 003 F2F	MTWRF--	10:00-10:50 AM	01/20/15-05/22/15	CC 224	Stephenson K	24 of 24
12596 004 F2F	MTWRF--	11:00-11:50 AM	01/20/15-05/22/15	GEB 281	Alvarez L	22 of 22
12597 005 F2F	M-W-F--	12:00-01:25 PM	01/21/15-05/22/15	GEB 281	Sommerville S	22 of 22
12598 006 F2F	M-W-F--	02:00-03:25 PM	01/21/15-05/22/15	CC 224	Sommerville S	24 of 24
12601 007 F2F	M-W----	06:00-08:30 PM	02/02/15-05/22/15	🚗 SMN	Stear E	25 of 25
12599 008 F2F	-T-R---	12:30-02:40 PM	01/20/15-05/22/15	GEB 281	Gonzalez E	22 of 22
12600 009 F2F	-T-R---	02:00-04:10 PM	01/20/15-05/22/15	CC 323	Michael J	24 of 24
12602 010 F2F	-T-R---	06:00-08:10 PM	01/20/15-05/22/15	CC 331	Gonzalez E	24 of 24
12603 376 HYB	-T-----	08:00-08:50 AM	01/20/15-05/22/15	GEB 281	Hillen J	20 of 20
	-----	-	01/20/15-05/22/15	Online		

Mandatory Classroom Meetings

Note: For more information, contact the instructor, Jim Hillen at 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/spring/coursedescriptions/fl/#FL_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12604 001 F2F	MTWRF--	09:00-09:50 AM	01/20/15-05/22/15	CC 323	Alvarez L	24 of 24
12605 002 F2F	MTWRF--	11:00-11:50 AM	01/20/15-05/22/15	CC 224	Stephenson K	24 of 24

12607 003 F2F	M-W-F--	12:00-01:25 PM	01/21/15-05/22/15	CC 224	Stephenson K	24 of 24
12608 004 F2F	M-W-F--	02:00-03:25 PM	01/21/15-05/22/15	CC 216	Tredway S	24 of 24
12609 005 F2F	-T-R---	06:00-08:10 PM	01/20/15-05/22/15	CC 216	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/spring/coursedescriptions/fl/#FL_133)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12610 001 F2F	-T-----	06:00-07:50 PM	02/03/15-05/22/15	GEB 342	Faculty	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/spring/coursedescriptions/fl/#FL_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12611 001 F2F	MTWRF--	11:00-11:50 AM	01/20/15-05/22/15	CC 323	Funaro J	24 of 24
12612 002 F2F	M-W-F--	02:00-03:25 PM	01/21/15-05/22/15	CC 323	Perriguet-Keene H	24 of 24

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/spring/coursedescriptions/fl/#FL_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12613 001 F2F	M-W-F--	12:00-01:25 PM	01/21/15-05/22/15	CC 323	Funaro J	24 of 24


FL 151 - Elementary Russian II

This course completes the presentation begun in Elementary Russian I. Students will gain listening comprehension, speaking, reading and writing skills appropriate to a second-level course. This course is taught in the spring semester. 5 hrs. lecture/wk.

Credit Hours: 5

Prerequisite: FL 150 or one year of high-school Russian

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fl/#FL_151)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12615 001 F2F	M-W-F--	09:00-10:40 AM	02/02/15-05/22/15	 KUE	Scanlan T	25 of 25

FL 156 - Elementary Arabic II

This course will continue the presentation of vocabulary and basic structural patterns begun in Elementary Arabic I. There will be a continuation of comprehension, listening, reading, writing from an everyday use emphasis. This course is taught in the spring semester. 5 hrs. lecture/wk.

Credit Hours: 5

Associated Costs: \$10

Prerequisite: FL 155

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fl/#FL_156)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12616 001 F2F	MTWR---	10:00-11:15 AM	01/20/15-05/22/15	ATB 125	Ibrahim M	24 of 24

FL 161 - Elementary Italian II

A continuation of the presentation of the vocabulary and basic structural patterns of Italian, this course will emphasize the development of listening comprehension, speaking, reading and writing skills. Cultural material also will be integrated into the course. This course is taught in the spring semester. 5 hrs. lecture/wk.

Credit Hours: 5

Associated Costs: \$8 to 20

Prerequisite: FL 160 or one year of high-school Italian

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fl/#FL_161)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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/spring/coursedescriptions/fl/#FL_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12618 001 F2F	M-W----	06:00-08:10 PM	01/21/15-05/22/15	LIB 353B	Faculty	24 of 24

FL 166 - Elementary Chinese II

This course offers a continuation of Elementary Chinese I, emphasizing the sounds, vocabulary, grammar, usage, characters and reading of the Chinese language. Students will develop more advanced conversational skills and cultural understanding. 5 hrs. lecture/wk.

Credit Hours: 5

Prerequisite: FL 165 or equivalent college-level course with a grade of "D" or higher or one year of high-school Chinese with a grade of "D" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fl/#FL_166)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12619 001 F2F	MTWRF--	09:00-09:50 AM	01/20/15-05/22/15	GEB 242	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/spring/coursedescriptions/fl/#FL_170)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12620 001 F2F	M-W-F--	02:00-03:25 PM	01/21/15-05/22/15	CC 321	Daugherty D	24 of 24
12621 002 F2F	-T-R--	06:00-08:10 PM	01/20/15-05/22/15	CC 323	Shinoda Y	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/spring/coursedescriptions/fl/#FL_171)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12622 001 F2F	MTWRF--	10:00-10:50 AM	01/20/15-05/22/15	GEB 281	Rumbach K	22 of 22
12623 002 F2F	M-W----	06:00-08:10 PM	01/21/15-05/22/15	GEB 281	Nadtochiy N	22 of 22

FL 175 - Elementary Brazilian Portuguese I

In this basic course, students will study Portuguese grammar, conversation, composition and the culture of Brazil. 5 hrs. lecture/wk.

Credit Hours: 5

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fl/#FL_175)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12624 001 F2F	M-W----	06:00-08:10 PM	01/21/15-05/22/15	CLB 412	Young D	24 of 24


FL 179 - Intermediate Russian II

Students will study Russian language and culture that would prepare them to travel in a Russian-speaking country and engage in simple conversation with the citizens. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: FL 178 or three years of high-school Russian

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fl/#FL_179)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12627 001 F2F	M-W----	11:00-12:40 PM	02/02/15-05/22/15	 KUE	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/spring/coursedescriptions/fl/#FL_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12486 001 F2F	M-W-F--	12:00-01:50 PM	01/21/15-05/22/15	GEB 311	Symansky R	15 of 15
Kansas Senate Bill SB 155						
12490 002 F2F	M-W-F--	01:00-02:50 PM	01/21/15-05/22/15	GEB 215	Kuhns K	15 of 15
Kansas Senate Bill SB 155						
12491 003 F2F	M-W----	06:00-08:50 PM	01/21/15-05/22/15	GEB 215	Clark K	15 of 15
Kansas Senate Bill SB 155						
12570 004 F2F	-T-R---	08:00-10:50 AM	01/20/15-05/22/15	GEB 311	Symansky R	15 of 15
Kansas Senate Bill SB 155						
12571 005 F2F	-T-R---	12:00-02:50 PM	01/20/15-05/22/15	GEB 311	Symansky R	15 of 15
Kansas Senate Bill SB 155						
12572 006 F2F	-T-R---	06:00-08:50 PM	01/20/15-05/22/15	GEB 215	Bader A	15 of 15
Kansas Senate Bill SB 155						

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.

Credit Hours: 3

Prerequisite: FL 180 or INTR 120 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fl/#FL_181)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12573 001 F2F	M-W-F--	09:00-10:50 AM	01/21/15-05/22/15	CC 325	Gwynn T	15 of 15
Kansas Senate Bill SB 155						

12574 002 F2F	M-W-F--	02:00-03:50 PM	01/21/15-05/22/15	GEB 311	Symansky R	15 of 15
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Kansas Senate Bill SB 155

12575 003 F2F	M-W----	06:00-08:50 PM	01/21/15-05/22/15	CLB 211	Gwynn M	15 of 15
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Kansas Senate Bill SB 155

FL 183 - Intermediate Japanese II

This course is a continuation of FL 182, 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 be stressed also. This course is typically taught in the spring semester. 5 hrs. lecture/wk.

Credit Hours: 5

Prerequisite: FL182 or three years of high-school Japanese and department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fl/#FL_183)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12628 001 F2F	MTWRF--	09:00-09:50 AM	01/20/15-05/22/15	GEB 281	Rumbach K	22 of 22

Requirement: Department approval

FL 221 - Intermediate German II

This class will further expand the mastery of German vocabulary and structure through extensive reading of more advanced texts with 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 220 or three years of high-school German

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fl/#FL_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12629 001 F2F	M-W----	06:00-07:15 PM	01/21/15-05/22/15	GEB 217	McDonald T	24 of 24

FL 223 - Conversational German

By applying vocabulary and structures presented in the text and handouts and by applying knowledge gained in a systematic review of German, the successful student will be able to communicate in German in situations that typically arise while traveling in a German-speaking country. Placement test recommended: can be taken at the Testing Center. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: FL 121 or two years of high-school German

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fl/#FL_223)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12630 001 F2F	-T-----	06:00-07:50 PM	01/20/15-05/22/15	CC 332	Wells A	15 of 15

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/spring/coursedescriptions/fl/#FL_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12631 001 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CC 323	Cooper S	24 of 24
12632 002 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	CC 224	Sommerville S	25 of 25
12633 003 F2F	---R---	06:00-08:50 PM	01/22/15-05/22/15	GEB 281	Sommerville A	22 of 22

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.

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/spring/coursedescriptions/fl/#FL_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12634 001 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CC 229	Schmidt I	24 of 24
12635 002 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CC 224	Schmidt I	25 of 25
12636 003 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	GEB 281	Finnie J	22 of 22

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/spring/coursedescriptions/fl/#FL_234)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12637 001 F2F	M-W----	12:00-12:50 PM	01/21/15-05/22/15	CC 229	Cooper S	15 of 15

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/spring/coursedescriptions/fl/#FL_241)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12638 001 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CC 323	Verzhbyska I	24 of 24

FL 243 - Conversational French

This course is designed to build spontaneous speaking ability. Everyday situations and current events will be discussed in class. Placement test recommended. Go to the Testing Center or to the Language Resource Center. 2 hrs. lecture/wk.

Credit Hours: 2

Associated Costs: \$1 to 3

Prerequisite: FL 141 or two years of high-school French

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fl/#FL_243)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12639 001 F2F	-T-R---	10:00-10:50 AM	01/20/15-05/22/15	CC 323	Funaro J	15 of 15

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/spring/coursedescriptions/fl/#FL_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12576 001 F2F	-T-R---	06:00-08:50 PM	01/20/15-05/22/15	PA 134	Gwynn T	15 of 15

Kansas Senate Bill SB 155

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/spring/coursedescriptions/fl/#FL_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12577 001 F2F	M-W----	06:00-08:50 PM	01/21/15-05/22/15	GEB 311	Goben B	15 of 15

Kansas Senate Bill SB 155

Floriculture

FLR 220 - Wedding Design

This course will focus on traditional and contemporary wedding designs. Because weddings often constitute a large portion of a florist's business, it is imperative that students become proficient in various wedding designs, and be trained in many specialized arranging techniques. The course covers steps in creating the bridal bouquet, including round, crescent, cascade, triangle, and hand tied. Corsage construction, hair pieces, and other accessories will be discussed. Marketing and promotional efforts to build the wedding business will also be discussed. 2 hrs. lecture 3 hrs instructional lab/wk.

Credit Hours: 3

Associated Costs: \$100

Prerequisites: FLR 130 or FLR 150

Outline (http://catalog.jccc.edu/spring/coursedescriptions/flr/#FLR_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12047 001 F2F	-T-----	09:00-10:50 AM	01/20/15-05/22/15	HSC 121	Ryan D	20 of 20
	---R---	09:00-11:50 AM	01/22/15-05/22/15	HSC 124		

Kansas Senate Bill SB 155

FLR 250 - Special Event Designs

This course will focus on large scale designs to include large buffet florals, themed designs, sympathy designs, large altar and reception florals. The student will learn how to combine flowers using texture, shape and color for different effects. Interesting ways to use foliage, twigs, mosses and other accessory materials will be presented along with different uses of ribbon. The student will learn to create large scale designs within a specified budget. 2 hrs. lecture and instructional 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$100

Prerequisites: FLR 130 or FLR 150

Outline (http://catalog.jccc.edu/spring/coursedescriptions/flr/#FLR_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12048 001 F2F	-T-----	12:00-01:50 PM	01/20/15-05/22/15	HSC 121	Ryan D	20 of 20
	---R---	12:00-02:50 PM	01/22/15-05/22/15	HSC 124		

Kansas Senate Bill SB 155

FLR 270 - Retail Flower Shop Operations

This course will focus on the actual retail operation of a flower shop. Students will explore the various types of flower shops. Topics will include marketing strategies, advertising and promotion, develop selling skills, and merchandising. In addition, students will learn about employee relations, delivery services, public relations, management, florist computer software, buying and pricing. 2 hrs. lecture, 3 hrs. instructional lab/wk.

Credit Hours: 3

Associated Costs: \$100

Prerequisites: FLR 130 or FLR 150

Outline (http://catalog.jccc.edu/spring/coursedescriptions/flr/#FLR_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12049 001 F2F	M-----	10:00-11:50 AM	01/26/15-05/22/15	HSC 121	Potter N	20 of 20
	--W----	10:00-12:50 PM	01/28/15-05/22/15	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/spring/coursedescriptions/game/#GAME_102)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11165 001 F2F	-T-R---	06:00-07:15 PM	01/20/15-05/22/15	RC 378	Faculty	18 of 18

Kansas Senate Bill SB 155

11166 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Faculty	15 of 15
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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/spring/coursedescriptions/game/#GAME_104)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11167 001 F2F	--W----	10:00-10:50 AM	01/21/15-05/22/15	RC 378	Faculty	18 of 18

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11168 002 F2F	M-----	10:00-10:50 AM	01/26/15-05/22/15	RC 378	Faculty	18 of 18
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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/spring/coursedescriptions/game/#GAME_105)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11169 001 F2F	M-W----	11:00-12:15 PM	01/21/15-05/22/15	RC 378	Faculty	18 of 18

Kansas Senate Bill SB 155

11170 002 F2F	M-W----	04:00-05:15 PM	01/21/15-05/22/15	RC 378	Faculty	18 of 18
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Kansas Senate Bill SB 155

11171 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Faculty	15 of 15
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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/spring/coursedescriptions/game/#GAME_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11172 001 F2F	-T-R---	07:30-08:45 PM	01/20/15-05/22/15	RC 378	Faculty	18 of 18

Kansas Senate Bill SB 155

GAME 120 - Game Design I

This course is designed to give people who are interested in creating games the foundations they need to create fun, engaging experiences for players. Students will learn the basics behind creating compelling and entertaining experiences for players. The four key focuses will be on fun, theme, mechanics, and essential experience. During the course students will create a

complete game. 4 hrs. lecture/wk.

Credit Hours: 4

Prerequisites: GAME 104 and GAME 105

Outline (http://catalog.jccc.edu/spring/coursedescriptions/game/#GAME_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11173 001 F2F	MTWR---	09:00-09:50 AM	01/20/15-05/22/15	RC 378	Faculty	18 of 18

Kansas Senate Bill SB 155

GAME 121 - Game Programming I

This course is designed to present skills and provide hands-on experience required to create basic three-dimensional games. Typical topics will include 3D engine evaluation, differences between platforms, core game logic, proper use of external assets, and publishing. Typical tasks will include configuration and installation of 3D engines, creating several games, integration of non-programming assets, and exercises that will highlight important game programming concepts. 5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisites: (CS 134 or CIS 134) and GAME 104 and GAME 105 Corequisite: CS 201

Outline (http://catalog.jccc.edu/spring/coursedescriptions/game/#GAME_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11174 001 F2F	M-W----	06:00-08:15 PM	01/21/15-05/22/15	RC 378	Faculty	18 of 18

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GAME 132 - Game Level Editing

This course will cover how to create a prototype level, place interactive elements, and script the general gameplay and flow of the level. Upon successful completion of the course students will have created a fully playable game level. 5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisite: GAME 105

Outline (http://catalog.jccc.edu/spring/coursedescriptions/game/#GAME_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11175 001 F2F	MTWRF--	02:00-02:50 PM	01/20/15-05/22/15	RC 378	Faculty	18 of 18

Kansas Senate Bill SB 155

GAME 136 - Game Prototyping

This course will cover the best practices and techniques for rapidly creating prototypes. Students will learn how to focus prototyping efforts on specific game play areas and how to evaluate the success and failure of a prototype. Multiple prototypes will be created during the semester. 5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisite: GAME 105

Outline (http://catalog.jccc.edu/spring/coursedescriptions/game/#GAME_136)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11183 001 F2F	MTWRF--	01:00-01:50 PM	01/20/15-05/22/15	RC 378	Faculty	18 of 18

Kansas Senate Bill SB 155

GAME 235 - Game Quality Assurance

In this course, students are introduced to the concepts and skills involved in testing video games. The course emphasizes the importance of testing and various methods and approaches used in game testing. This course will also cover how to correctly write up and report errors found in games. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: GAME 105

Outline (http://catalog.jccc.edu/spring/coursedescriptions/game/#GAME_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11184 001 F2F	-T-R---	10:00-10:50 AM	01/20/15-05/22/15	RC 378	Faculty	18 of 18

Kansas Senate Bill SB 155

GAME 238 - Serious Game Design

In this course, students will examine the various aspects of serious games and how games have outgrown being just a source of entertainment. Students will study educational games, training simulations, and games for change. Students will also complete a basic educational game prototype. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: GAME 220

Outline (http://catalog.jccc.edu/spring/coursedescriptions/game/#GAME_238)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11205 002 F2F	----F--	10:00-12:45 PM	01/23/15-05/22/15	RC 378	Faculty	18 of 18

Kansas Senate Bill SB 155

GAME 250 - Game Capstone

This course is designed for students to apply the foundations of game design and game programming to a significant original game. Students will work within a team to analyze a problem, develop and present a proposed game design document, build a demonstrable prototype of the game and develop a significant portion of the finished product. Students should also develop a project schedule and present progress information to the class. Students should also develop job search skills and both written and oral communication skills. 3 hrs. lecture, 2 hrs. open lab/wk.

Credit Hours: 4

Associated Costs: \$20 to 50

Prerequisites: GAME 180 and GAME 240 and GAME 220 or GAME 221

Outline (http://catalog.jccc.edu/spring/coursedescriptions/game/#GAME_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11209 001 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	RC 378	Faculty	18 of 18

Kansas Senate Bill SB 155

GAME 255 - Mobile Game Programming

This course is designed for students who want to learn mobile device game programming. The students will learn the various limitations on mobile devices and the options available for programming them. They will create a 2D game for mobile devices. 5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Associated Costs: \$20 to 50

Prerequisites: GAME 221

Outline (http://catalog.jccc.edu/spring/coursedescriptions/game/#GAME_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11213 001 F2F	-T-R---	03:00-04:30 PM	01/20/15-05/22/15	RC 378	Faculty	18 of 18
	M-W----	03:00-03:30 PM	01/21/15-05/22/15	RC 378		

Kansas Senate Bill SB 155

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12366 001 F2F	-T-----	07:00-09:50 PM	01/20/15-01/20/15	LIB 353B	Wilson N	24 of 24
	---R---	07:00-09:50 PM	01/22/15-01/22/15	SCI 222		
	-T-----	07:00-09:50 PM	02/03/15-02/03/15	LIB 353B		
	---R---	07:00-09:50 PM	02/05/15-02/05/15	SCI 222		
	-T-----	07:00-09:50 PM	02/17/15-02/17/15	LIB 353B		
	---R---	07:00-09:50 PM	02/19/15-02/19/15	SCI 222		
	-T-----	07:00-09:50 PM	03/03/15-03/03/15	LIB 353B		
	---R---	07:00-09:50 PM	03/05/15-03/05/15	SCI 222		
	-T-----	07:00-09:50 PM	03/24/15-03/24/15	LIB 353B		
	---R---	07:00-09:50 PM	03/26/15-03/26/15	SCI 222		
	-T-----	07:00-09:50 PM	04/07/15-04/07/15	LIB 353B		
	---R---	07:00-09:50 PM	04/09/15-04/09/15	SCI 222		
	-T-----	07:00-09:50 PM	04/21/15-04/21/15	LIB 353B		
	---R---	07:00-09:50 PM	04/23/15-04/23/15	SCI 222		
	-T-----	07:00-09:50 PM	05/05/15-05/05/15	LIB 353B		
	---R---	07:00-09:50 PM	05/07/15-05/07/15	SCI 222		

Kansas Senate Bill SB 155

Note: GDES 120-001 will meet every other Tuesday and only eight times on Thursday during the semester: Tuesday class meetings are Jan. 20, Feb 3, Feb 17, Mar 3, Mar 24, Apr 7, Apr 21 and May 5. Thursday class meetings are Jan. 22, Feb.5, Feb. 19, Mar. 5, Mar. 26, Apr. 09, Apr. 23, May 7.

12367 002 F2F	---R---	07:00-09:50 PM	01/22/15-01/22/15	SCI 222	Hawkins P	24 of 24
	-T-----	07:00-09:50 PM	01/27/15-01/27/15	LIB 353B		
	---R---	07:00-09:50 PM	02/05/15-02/05/15	SCI 222		
	-T-----	07:00-09:50 PM	02/10/15-02/10/15	LIB 353B		
	---R---	07:00-09:50 PM	02/19/15-02/19/15	SCI 222		
	-T-----	07:00-09:50 PM	02/24/15-02/24/15	LIB 353B		
	---R---	07:00-09:50 PM	03/05/15-03/05/15	SCI 222		
	-T-----	07:00-09:50 PM	03/10/15-03/10/15	LIB 353B		
	---R---	07:00-09:50 PM	03/26/15-03/26/15	SCI 222		
	-T-----	07:00-09:50 PM	03/31/15-03/31/15	LIB 353B		
	---R---	07:00-09:50 PM	04/09/15-04/09/15	SCI 222		
	-T-----	07:00-09:50 PM	04/14/15-04/14/15	LIB 353B		
	---R---	07:00-09:50 PM	04/23/15-04/23/15	SCI 222		
	-T-----	07:00-09:50 PM	04/28/15-04/28/15	LIB 353B		
	---R---	07:00-09:50 PM	05/07/15-05/07/15	SCI 222		

Kansas Senate Bill SB 155

Note: GDES 120-002 will meet every other Tuesday and only eight times on Thursday during the semester. Tuesday class meetings are Jan. 27, Feb 10, Feb 24, Mar 10, Mar 31, Apr 14, Apr 28 and May 12. Thursday class meetings are Jan. 22, Feb.5, Feb. 19, Mar. 5, Mar. 26, Apr. 09, Apr. 23, May 7.

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/spring/coursedescriptions/gdes/#GDES_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12368 001 F2F	M-----	01:30-06:55 PM	01/26/15-05/22/15	LIB 311	Erickson-Harper T	18 of 18
	M-----	01:30-06:55 PM	01/26/15-05/22/15	LIB 312		
	M-----	01:30-06:55 PM	01/26/15-05/22/15	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/spring/coursedescriptions/gdes/#GDES_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12369 001 F2F	--W----	01:30-06:55 PM	01/21/15-05/22/15	LIB 311	Erickson-Harper T	18 of 18
	--W----	01:30-06:55 PM	01/21/15-05/22/15	LIB 312		
	--W----	01:30-06:55 PM	01/21/15-05/22/15	LIB 313		

Kansas Senate Bill SB 155

Requirement: Department approval

12370 002 F2F	---R---	01:30-06:55 PM	01/22/15-05/22/15	LIB 311	Erickson-Harper T	18 of 18
	---R---	01:30-06:55 PM	01/22/15-05/22/15	LIB 312		
	---R---	01:30-06:55 PM	01/22/15-05/22/15	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/spring/coursedescriptions/gdes/#GDES_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12371 001 F2F	--W----	08:00-01:25 PM	01/21/15-05/22/15	LIB 314	Sabato S	18 of 18
	--W----	08:00-01:25 PM	01/21/15-05/22/15	LIB 346		

Kansas Senate Bill SB 155
Requirement: Department approval

12372 002 F2F	--W----	08:00-01:25 PM	01/21/15-05/22/15	LIB 311	Gurau M	18 of 18
	--W----	08:00-01:25 PM	01/21/15-05/22/15	LIB 312		
	--W----	08:00-01:25 PM	01/21/15-05/22/15	LIB 313		

Kansas Senate Bill SB 155
Requirement: Department approval

GDES 134 - Layout Design

This course will provide a basic study of layout elements. Students will acquire the skills necessary to produce layouts. These skills include photographic indication techniques, comp lettering, advertising and editorial grid systems and electronic page design. This course is typically offered in the spring semester only. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisite: GDES 132

Outline (http://catalog.jccc.edu/spring/coursedescriptions/gdes/#GDES_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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12373 001 F2F	-T-----	08:00-01:25 PM	01/20/15-05/22/15	LIB 314	Coppess J	18 of 18
	-T-----	08:00-01:25 PM	01/20/15-05/22/15	LIB 346		
Kansas Senate Bill SB 155 Requirement: Department approval						
12374 002 F2F	--W----	01:30-06:55 PM	01/21/15-05/22/15	LIB 342	Wilson N	18 of 18
	--W----	01:30-06:55 PM	01/21/15-05/22/15	LIB 344		
Kansas Senate Bill SB 155 Requirement: Department approval						
12375 003 F2F	---R---	01:30-06:55 PM	01/22/15-05/22/15	LIB 342	Coppess J	18 of 18
	---R---	01:30-06:55 PM	01/22/15-05/22/15	LIB 344		
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/spring/coursedescriptions/gdes/#GDES_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12376 001 F2F	--W----	08:00-01:25 PM	01/21/15-05/22/15	LIB 342	Nemer T	18 of 18
	--W----	08:00-01:25 PM	01/21/15-05/22/15	LIB 344		
Kansas Senate Bill SB 155 Requirement: Department approval						
12377 002 F2F	----F--	01:30-06:55 PM	01/23/15-05/22/15	LIB 314	Ashley D	18 of 18
	----F--	01:30-06:55 PM	01/23/15-05/22/15	LIB 346		
Kansas Senate Bill SB 155 Requirement: Department approval						

GDES 236 - Electronic Production

This course is a continuation of the Production Methods course, providing experience in digital prepress and electronic production techniques. The student will apply production skills to problems of professional scope and complexity, including specialty processes, trapping and color separation. Preparation of graphic files for screen presentation and for the Web will be explored. This course is typically offered in the spring semester only. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisites: GDES 230 and GDES 231 and GDES 235

Outline (http://catalog.jccc.edu/spring/coursedescriptions/gdes/#GDES_236)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12378 001 F2F	M-W----	07:00-09:45 PM	01/26/15-05/22/15	LIB 342	Kramer R Stadler L	18 of 18
	M-W----	07:00-09:45 PM	01/26/15-05/22/15	LIB 344		
Kansas Senate Bill SB 155 Requirement: Department approval						
12379 002 F2F	M-W----	07:00-09:45 PM	01/26/15-05/22/15	LIB 314	Kramer R Stadler L	18 of 18
	M-W----	07:00-09:45 PM	01/26/15-05/22/15	LIB 346		
Kansas Senate Bill SB 155 Requirement: Department approval						
12380 003 F2F	M-W----	07:00-09:45 PM	01/26/15-05/22/15	LIB 311	Kramer R Stadler L	18 of 18
	M-W----	07:00-09:45 PM	01/26/15-05/22/15	LIB 312		
	M-W----	07:00-09:45 PM	01/26/15-05/22/15	LIB 313		
Kansas Senate Bill SB 155 Requirement: Department approval						

GDES 244 - Communication Systems

This course will explore the scope and potential of graphic design as a vehicle for visual communication in contemporary society. Signs and symbols, as well as communicative power of typographic, hand graphic and photographic modes, will be studied. Traditional and electronic methods will be used to develop projects. This course is typically offered in the spring semester only. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisites: GDES 230 and GDES 231 and GDES 235

Outline (http://catalog.jccc.edu/spring/coursedescriptions/gdes/#GDES_244)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12381 001 F2F	M-----	01:30-06:55 PM	01/26/15-05/22/15	LIB 342	Sabato S	18 of 18
	M-----	01:30-06:55 PM	01/26/15-05/22/15	LIB 344		
Kansas Senate Bill SB 155 Requirement: Department approval						
12382 002 F2F	-T-----	01:30-06:55 PM	01/20/15-05/22/15	LIB 342	Sabato S	18 of 18

-T----- 01:30-06:55 PM 01/20/15-05/22/15 LIB 344

Kansas Senate Bill SB 155
Requirement: Department approval

12383 003 F2F --W---- 01:30-06:55 PM 01/21/15-05/22/15 LIB 314 Coppess J 18 of 18

--W---- 01:30-06:55 PM 01/21/15-05/22/15 LIB 346

Kansas Senate Bill SB 155

GDES 245 - Advanced Design Practice

This course will focus on the use of the student's total design capability and technical knowledge in solving graphic design problems of professional scope and complexity. Students will have the opportunity to work with three art directors and produce three professional projects for potential inclusion in their portfolios. This course is typically offered in the spring semester only. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisites: GDES 230 and GDES 231 and GDES 235

Outline (http://catalog.jccc.edu/spring/coursedescriptions/gdes/#GDES_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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12384 001 F2F	-T-R---	07:00-09:45 PM	01/20/15-05/22/15	LIB 342	Lytle J Hetler C Jones R	18 of 18
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-T-R--- 07:00-09:45 PM 01/20/15-05/22/15 LIB 344

Kansas Senate Bill SB 155
Requirement: Department approval

12385 002 F2F	-T-R---	07:00-09:45 PM	01/20/15-05/22/15	LIB 314	Lytle J Hetler C Jones R	18 of 18
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-T-R--- 07:00-09:45 PM 01/20/15-05/22/15 LIB 346

Kansas Senate Bill SB 155
Requirement: Department approval

12386 003 F2F	-T-R---	07:00-09:45 PM	01/20/15-05/22/15	LIB 311	Lytle J Hetler C Jones R	18 of 18
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-T-R--- 07:00-09:45 PM 01/20/15-05/22/15 LIB 312

-T-R--- 07:00-09:45 PM 01/20/15-05/22/15 LIB 313

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/spring/coursedescriptions/gdes/#GDES_272)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12387 001 F2F	M-----	01:30-06:55 PM	01/26/15-05/22/15	LIB 314	Wilson N	18 of 18
	M-----	01:30-06:55 PM	01/26/15-05/22/15	LIB 346		
Requirement: Department approval						
12388 002 F2F	-T-----	01:30-06:55 PM	01/20/15-05/22/15	LIB 314	Wilson N	18 of 18
	-T-----	01:30-06:55 PM	01/20/15-05/22/15	LIB 346		
Requirement: Department approval						
12389 003 F2F	----F--	08:00-01:25 PM	01/23/15-05/22/15	LIB 342	Jones R	18 of 18
	----F--	08:00-01:25 PM	01/23/15-05/22/15	LIB 344		
Requirement: Department approval						

GDES 275 - Graphic Design 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 graphic design program. Student interns will complete a minimum of 180 hours on the job and will be compensated with at least the minimum hourly wage.

Credit Hours: 1

Associated Costs: \$50 to 100

Prerequisite: Graphic design faculty review committee approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/gdes/#GDES_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12391 500 INT	-----	-	01/20/15-05/22/15		Wilson N	8 of 8
Kansas Senate Bill SB 155						
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/spring/coursedescriptions/geos/#GEOS_130)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
11755 001 F2F	M-W----	09:00-10:50 AM	01/21/15-05/22/15	CLB 405	Pinker R	24 of 24
	Lab M-W----	11:00-12:20 PM	01/21/15-05/22/15	CLB 411		
11756 002 F2F	-T-R---	10:00-11:50 AM	01/20/15-05/22/15	CLB 405	Beatty L	24 of 24
	Lab -T-R---	12:00-01:20 PM	01/20/15-05/22/15	CLB 411		
Note: This course incorporates sustainability themes as part of JCCC's sustainability across the curriculum initiative.						
11757 050 F2F	-T-R---	06:00-07:50 PM	01/20/15-05/22/15	CLB 405	Pinker R	24 of 24
	Lab -T-R---	08:00-09:20 PM	01/20/15-05/22/15	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/spring/coursedescriptions/geos/#GEOS_140)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
11758 001 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CLB 412	Beatty L	28 of 28
11759 002 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CLB 412	Beatty L	28 of 28
11760 003 F2F	-T-R---	09:30-10:50 AM	01/20/15-05/22/15	CLB 412	Pinker R	28 of 28
11762 050 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	CLB 412	Maher J	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/spring/coursedescriptions/geos/#GEOS_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11763 001 F2F	Lab M-W----	01:00-02:50 PM	01/21/15-05/22/15	CLB 411	Beatty L	24 of 24

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/spring/coursedescriptions/geos/#GEOS_145)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
11764 001 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CLB 412	Faculty	28 of 28
11765 002 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	CLB 412	Faculty	28 of 28
11766 003 F2F	-T-R---	11:00-12:20 PM	01/20/15-05/22/15	CLB 412	Maher J	28 of 28
11767 004 F2F	-T-R---	12:30-01:50 PM	02/03/15-05/22/15	CLB 412	Maher J	12 of 12
12827 005 F2F	-T-R---	08:00-09:20 AM	01/20/15-05/22/15	CLB 412	Faculty	28 of 28
11768 050 F2F	---R---	06:00-08:50 PM	01/22/15-05/22/15	CLB 412	Meledge-Ade V	28 of 28
11769 400 MED	-----	-	01/20/15-05/22/15		Faculty	30 of 30

Note: The course syllabus assignment schedule, part of the assignments, and other course materials will be made available through the course homepage on D2L or distributed through email. Please note this is NOT an online course. Instructor will send an introductory e-mail providing additional information one week prior to the beginning of class. Students can view the series on DVD, available through the Billington Library.

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/spring/coursedescriptions/geos/#GEOS_214)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11770 001 F2F	M-----	03:00-04:15 PM	01/26/15-05/22/15	CLB 213	Rothrock K	24 of 24

GEOS 215 - Introduction to Teaching Math and Science II

Students learn about the middle school environment and work on math and science inquiry-based lesson analysis, design and assessment. Student partners will plan and teach three inquiry-based lessons in a middle school. The course emphasizes writing 5E lesson plans with a focus on the importance of using appropriate questioning and assessment strategies throughout the lesson, as well as how to analyze and modify a lesson based on personal reflections and observer feedback. By the completion of the course, students should be able to reflect on their personal suitability/interest in teaching secondary math or science, and develop a feasible pathway to a career in teaching. MATH 215, ASTR 215, BIOL 215, CHEM 215, GEOS 215, PHYS 215 and PSCI 215 are the same course; enroll in only one. 1.25 hrs. lecture/wk.

Credit Hours: 1

Prerequisite: ASTR 214 or BIOL 214 or CHEM 214 or GEOS 214 or MATH 214 or PHYS 214 or PSCI 214 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/geos/#GEOS_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12839 001 F2F	--W----	03:00-04:15 PM	01/21/15-05/22/15	CLB 213	Rothrock K	24 of 24

Global & International Studies

GIST 250 - Introduction to Globalization

This course will provide students with the origins and current implications of globalization. In this course, students will examine the question "what is globalization?" The topics covered include economic and political globalization as well as global security, culture and environmental issues. The goal of this course is to introduce students to the variation in global issues that influence national policy and our daily lives. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/gist/#GIST_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12474 001 F2F	-T-R--	02:00-03:15 PM	01/20/15-05/22/15	CC 229	Patterson T	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/spring/coursedescriptions/hc/#HC_101)





CRN	Days	Time	Date	Location	Instructor	Seats Open
12821 001 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/21/15	OCB 332	Summers S	20 of 20
12822 002 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CC 130	Summers S	25 of 25

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/spring/coursedescriptions/hc/#HC_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12200 103 F2F	----S-	09:00-12:00 PM	01/24/15-05/16/15	 OHEC 217	Neubauer P	26 of 26
Kansas Senate Bill SB 155						
12201 376 HYB	M-----	08:30-10:00 AM	01/26/15-05/18/15	 OHEC 217	Laughlin M	26 of 26
	-----	-	01/26/15-05/18/15	Online		
Mandatory Classroom Meetings						
Kansas Senate Bill SB 155						
12202 377 HYB	M-----	10:30-12:00 PM	01/26/15-05/18/15	 OHEC 217	Laughlin M	26 of 26
	-----	-	01/26/15-05/18/15	Online		
Mandatory Classroom Meetings						
Kansas Senate Bill SB 155						
12203 378 HYB	M-----	01:00-02:30 PM	01/26/15-05/18/15	 OHEC 217	Laughlin M	26 of 26

01/26/15-05/18/15 Online

Kansas Senate Bill SB 155
Mandatory Classroom Meetings

12204 379 HYB M----- 06:00-07:30 PM 01/26/15-05/18/15 GEB 279 Merchant A 26 of 26

01/26/15-05/18/15 Online

Mandatory Classroom Meetings
Kansas Senate Bill SB 155

12205 380 HYB -T----- 06:00-07:30 PM 01/20/15-05/19/15 GEB 313 Merchant A 26 of 26

01/20/15-05/19/15 Online

Mandatory Classroom Meetings
Kansas Senate Bill SB 155

12206 381 HYB ---R--- 06:00-07:30 PM 01/22/15-05/21/15 GEB 313 Merchant A 26 of 26

01/22/15-05/21/15 Online

Kansas Senate Bill SB 155
Mandatory Classroom Meetings

Health Care Interpreting

HCI 130 - Interpreting Skills II


This course develops students' skills in simultaneous interpreting and written translation. 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 are stressed. This course is taught in English with some Spanish terminology and practice. 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. This course is taught in the spring semester only.

Note: Students will complete shadowing at Truman Medical Center.

Credit Hours: 3

Prerequisites: HCI 110 with a grade of "C" or higher and HCI 120 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hci/#HCI_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10809 001 F2F	-T-R---	05:30-06:55 PM	01/20/15-05/22/15	 KUMED	Groneman B	12 of 12

Kansas Senate Bill SB 155

Note: This class will meet in a classroom located at KU Clinical Research Center, 4350 Shawnee Mission Parkway, Fairway, KS 66205. Contact Brooke Groneman for more information at bgronema@jccc.edu.

HCI 140 - Spanish Medical Interpreting


This course develops the knowledge, techniques, and practices needed to function as a bilingual interpreter in a medical environment. Students will be introduced to basic medical conditions, procedures, courses of treatment and equipment, with vocabulary and terminology in both English and Spanish. Upon completion, students should be able to apply medical interpreting and translating techniques in a variety of health care settings. This course is taught in English with some Spanish terminology. 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. This course is taught in the spring semester only.

Credit Hours: 3

Associated Costs: \$20

Prerequisite: HCI 120 with a grade of "C" or higher and Prerequisites or corequisites: HCI 130 with a grade of "C" or higher and HC 130 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hci/#HCI_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10811 001 F2F	-T-R---	07:00-08:25 PM	01/20/15-05/22/15	 KUMED	Groneman B	12 of 12

Note: This class will meet in a classroom located at KU Clinical Research Center, 4350 Shawnee Mission Parkway, Fairway, KS 66205. Contact Brooke Groneman for more information at 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/spring/coursedescriptions/hci/#HCI_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10815 376 HYB	-T-----	04:30-05:20 PM	01/20/15-05/22/15	 KUMED	Groneman B	5 of 5
	-----	-	01/20/15-05/22/15	Online		

Kansas Senate Bill SB 155

Note: This class will meet in a classroom located at KU Clinical Research Center, 4350 Shawnee Mission Parkway, Fairway, KS 66205. Contact Brooke Groneman for more information at 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/spring/coursedescriptions/hcis/#HCIS_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12524 350 ONLNE	-----	-	01/20/15-02/17/15	Online	Faculty	15 of 15
Kansas Senate Bill SB 155						
12526 351 ONLNE	-----	-	02/23/15-03/30/15	Online	Faculty	15 of 15
Kansas Senate Bill SB 155						
12525 376 HYB	-T-----	06:00-08:50 PM	01/20/15-02/17/15	RC 185	Faculty	15 of 15
	-----	-	01/20/15-02/17/15	Online		
Kansas Senate Bill SB 155						
Mandatory Classroom Meetings						

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/spring/coursedescriptions/hcis/#HCIS_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12527 353 ONLNE	-----	-	01/20/15-02/17/15	Online	Faculty	15 of 15
Kansas Senate Bill SB 155						
12528 354 ONLNE	-----	-	02/23/15-03/30/15	Online	Faculty	15 of 15
Kansas Senate Bill SB 155						
12529 355 ONLNE	-----	-	04/06/15-05/04/15	Online	Faculty	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/spring/coursedescriptions/hcis/#HCIS_261)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12546 350 ONLNE	-----	-	02/24/15-03/31/15	Online	Faculty	15 of 15
Kansas Senate Bill SB 155						
12547 376 HYB	-T-----	06:00-08:50 PM	02/24/15-03/31/15	RC 185	Faculty	15 of 15
	-----	-	02/24/15-03/31/15	Online		

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

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/spring/coursedescriptions/hcis/#HCIS_262)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12548 350 ONLNE	-----	-	01/20/15-02/17/15	Online	Faculty	15 of 15
12549 351 ONLNE	-----	-	01/20/15-02/17/15	Online	Faculty	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/spring/coursedescriptions/hcis/#HCIS_263)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12550 350 ONLNE	-----	-	01/21/15-02/18/15	Online	Faculty	15 of 15
Kansas Senate Bill SB 155						
12551 376 HYB	--W----	06:00-08:50 PM	01/21/15-02/18/15	RC 185	Faculty	15 of 15
	-----	-	01/21/15-02/18/15	Online		
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/spring/coursedescriptions/hcis/#HCIS_264)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12552 350 ONLNE	-----	-	02/25/15-04/01/15	Online	Faculty	15 of 15
Kansas Senate Bill SB 155						
12553 376 HYB	--W----	06:00-08:50 PM	02/25/15-04/01/15	RC 185	Faculty	15 of 15
	-----	-	02/25/15-04/01/15	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/spring/coursedescriptions/hcis/#HCIS_265)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12556 350 ONLNE	-----	-	04/08/15-05/06/15	Online	Faculty	15 of 15
Kansas Senate Bill SB 155						
12557 377 HYB	--W----	06:00-08:50 PM	04/08/15-05/06/15	RC 185	Faculty	15 of 15
	-----	-	04/08/15-05/06/15	Online		
Kansas Senate Bill SB 155						
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/spring/coursedescriptions/hcis/#HCIS_267)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12542 350 ONLNE	-----	-	01/26/15-03/23/15	Online	Faculty	15 of 15
Kansas Senate Bill SB 155						
12543 376 HYB	M-----	06:00-08:50 PM	01/26/15-03/23/15	RC 185	Faculty	15 of 15
	-----	-	01/26/15-03/23/15	Online		
Kansas Senate Bill SB 155						
Mandatory Classroom Meetings						

HCIS 270 - Health Information Systems 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 knowledge and skills acquired in the healthcare information systems (HCIS) courses. Fifteen hours on-the-job training per week will be the usual workload for the student.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 4928 for approval.

Credit Hours: 2

Prerequisite and Corequisite: Enrollment in Health Information Systems (HCIS) coursework and Department Approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hcis/#HCIS_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12530 500 INT	-----	-	01/20/15-05/22/15		Faculty	15 of 15

Kansas Senate Bill SB 155

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/spring/coursedescriptions/hcis/#HCIS_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12531 350 ONLNE	-----	-	02/24/15-03/31/15	Online	Faculty	15 of 15
12532 376 HYB	-T-----	10:00-12:50 PM	02/24/15-03/31/15	RC 185	Faculty	15 of 15

Mandatory Classroom Meetings

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/spring/coursedescriptions/hcis/#HCIS_272)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12533 350 ONLNE	-----	-	01/20/15-02/17/15	Online	Faculty	15 of 15

Kansas Senate Bill SB 155

12534 351 ONLNE ----- - 02/23/15-03/30/15 Online Faculty 15 of 15

Kansas Senate Bill SB 155

12535 352 ONLNE ----- - 04/06/15-05/04/15 Online Faculty 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/spring/coursedescriptions/hcis/#HCIS_273)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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12536 350 ONLNE	-----	-	04/07/15-05/05/15	Online	Faculty	15 of 15
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Kansas Senate Bill SB 155

12537 376 HYB	-T-----	06:00-08:50 PM	04/07/15-05/05/15	RC 185	Faculty	15 of 15
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	-----	-	04/07/15-05/05/15	Online		
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Kansas Senate Bill SB 155

Mandatory Classroom Meetings

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/spring/coursedescriptions/hcis/#HCIS_274)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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12538 350 ONLNE	-----	-	01/22/15-02/19/15	Online	Faculty	15 of 15
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Kansas Senate Bill SB 155

12539 376 HYB	---R---	06:00-08:50 PM	01/22/15-02/19/15	RC 185	Faculty	15 of 15
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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/spring/coursedescriptions/hcis/#HCIS_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12540 350 ONLNE	-----	-	02/26/15-04/02/15	Online	Faculty	15 of 15
Kansas Senate Bill SB 155						
12541 376 HYB	---R---	06:00-08:50 PM	02/26/15-04/02/15	RC 185	Faculty	15 of 15
	-----	-	02/26/15-04/02/15	Online		

Kansas Senate Bill SB 155
Mandatory 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/spring/coursedescriptions/hcis/#HCIS_277)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12544 350 ONLNE	-----	-	04/09/15-05/07/15	Online	Faculty	15 of 15
Kansas Senate Bill SB 155						
12545 376 HYB	---R---	06:00-08:50 PM	04/09/15-05/07/15	RC 185	Faculty	15 of 15

Kansas Senate Bill SB 155
Mandatory Classroom Meetings

HCIS 292 - Special Topics:

This course periodically presents specialized topics in Health Information Systems (HIS) that are not available in the regularly offered curriculum. Special Topics may be repeated for credit, but only on different topics.

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/spring/coursedescriptions/hcis/#HCIS_292)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12815 375 HYB	---R---	01:30-04:30 PM	04/09/15-05/07/15	RC 185	Carter M	15 of 15
	-----	-	04/09/15-05/07/15	Online		

This section's title is Special Topics: Advanced Data Visualization.

It is highly recommended that you have taken HCIS 292 Special Topics: Introduction to Data Visualization in preparation for this course. If you have questions, please contact the instructor.

Requirement: Department approval

History

HIST 120 - Local and Kansas History

This course introduces students to the history of Kansas from the beginning of the Late Ceramic Period (1500) to the present. Emphasis will be on the examination of the living patterns of the various peoples who have inhabited the region during this time. This course will also analyze the social and economic factors and political objectives that transformed the central plains from the domain of the bison-hunting Plains Indian to a society based in a market-agricultural economy. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hist/#HIST_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10555 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Antle J	25 of 25

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 \(http://catalog.jccc.edu/spring/coursedescriptions/hist/#HIST_125\)](http://catalog.jccc.edu/spring/coursedescriptions/hist/#HIST_125)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10558 001 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	GP 101	Murtaugh D	25 of 25
10559 002 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	GP 101	Murtaugh D	25 of 25
10561 003 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	GEB 279	Roberts M	25 of 25
10563 201 F2F	--W----	06:00-09:00 PM	02/04/15-05/22/15	GEB 279	Murtaugh D	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.

Note: It is not necessary to take HIST 125 before HIST 126

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/hist/#HIST_126\)](http://catalog.jccc.edu/spring/coursedescriptions/hist/#HIST_126)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10564 001 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	GEB 279	Harward S	25 of 25
10565 002 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	GEB 279	Hembree M	25 of 25
10566 003 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	GP 102	Stockton W	25 of 25
10567 004 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	GP 102	Stockton W	25 of 25
10568 005 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	GEB 279	Stockton W	25 of 25

HIST 128 - Medieval History

Medieval History is a detailed survey of the period from late Roman Antiquity to the early Renaissance. Primary and secondary texts and visual resources will be used to illuminate the period that saw first the decline into relative stagnation caused by barbarian onslaughts and then gradual reemergence of a powerful civilization that revitalized itself by renewing the insights of ancient times. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hist/#HIST_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10569 001 F2F	M-W-F--	02:00-02:50 PM	01/21/15-05/22/15	GEB 279	Stockton W	32 of 32

HIST 130 - European History Since 1789

This course covers the major political, intellectual, and economic and social developments in Europe from the end of the 18th century to the present, including modern political ideologies, major wars, the growth of strong governments, the effect of modern science on social and political thought, the Industrial Revolution, the creation of large middle classes and the effect of modern technology. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hist/#HIST_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10617 001 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	GEB 213	Hembree M	34 of 34

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/spring/coursedescriptions/hist/#HIST_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10619 001 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	GEB 279	Harward S	32 of 32
10620 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Harward S	25 of 25

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10621 001 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	CC 126A	Edwards T	35 of 35
10623 002 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CC 126A	Edwards T	35 of 35
10624 003 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CC 126A	Edwards T	35 of 35
10626 004 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	GEB 279	Rider J	32 of 32
10627 005 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	CC 126A	McWilliams R	35 of 35
10628 006 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	CC 126B	McWilliams R	35 of 35
10631 007 F2F	-T-R--	09:30-10:45 AM	01/20/15-05/22/15	CC 126A	Harvey D	35 of 35
10632 008 F2F	-T-R--	11:00-12:15 PM	01/20/15-05/22/15	CC 126A	Harvey D	35 of 35
10633 009 F2F	-T-R--	12:30-01:45 PM	01/20/15-05/22/15	CC 126A	Harvey D	35 of 35
12869 010 F2F	-T-----	06:00-08:50 PM	01/27/15-05/22/15	CC 344	Taylor D	35 of 35
KBOR Seamless Transfer						
10634 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Boyle S	25 of 25
10636 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Mack J	25 of 25
10638 354 ONLNE	-----	-	01/20/15-05/22/15	Online	Dobson P	25 of 25
10639 355 ONLNE	-----	-	01/20/15-05/22/15	Online	Dobson P	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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10640 001 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	CC 126B	Walker B	35 of 35
10641 002 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CC 126B	Clark V	35 of 35
10642 003 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CC 126B	Leiker J	35 of 35
10643 004 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CC 126B	Clark V	35 of 35

10644 005 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	CC 126B	Leiker J	35 of 35
10645 006 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	CC 126A	Edwards T	35 of 35
10646 007 F2F	M-W-F--	02:00-02:50 PM	01/21/15-05/22/15	CC 126A	Rider J	35 of 35
10647 008 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	CC 126B	Taylor D	35 of 35
10648 009 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CC 126B	Boyle S	35 of 35
10649 010 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CC 126B	Boyle S	35 of 35
10650 011 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	GEB 238	Boyle S	25 of 25

This section's title is U.S. History Since 1877 Honors.

Honors Course

Note: This is an honors section of HIST 141. 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

10651 012 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	CC 126A	Schloss R	35 of 35
12870 013 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CC 126B	Schloss R	35 of 35
KBOR Seamless Transfer						
10654 202 F2F	--W----	06:00-09:00 PM	02/04/15-05/22/15	CC 126B	Walker B	35 of 35
10655 203 F2F	M-----	06:00-09:00 PM	02/02/15-05/22/15	CC 126B	Walker B	35 of 35
10656 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Clark V	25 of 25
10657 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Clark V	25 of 25
10658 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Mischka S	25 of 25
10659 353 ONLNE	-----	-	01/20/15-05/22/15	Online	Mischka S	25 of 25
10660 354 ONLNE	-----	-	01/20/15-05/22/15	Online	Mischka S	25 of 25
10661 355 ONLNE	-----	-	01/20/15-05/22/15	Online	Dobson P	25 of 25

HIST 145 - History of Ancient Rome

This course will cover Roman civilization and history from its emergence until the fifth century C.E. In addition to political, military, and social and economic developments, Roman literature and art will also be highlighted. Rome's significance for later western civilization will be noted. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hist/#HIST_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10662 001 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	GEB 279	Stockton W	32 of 32

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/spring/coursedescriptions/hist/#HIST_149)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10663 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Boucher D	25 of 25

HIST 152 - World History II: Modern World

This course provides students an introduction to the history of the world since approximately 1500. Upon successful completion, students will be able to describe and analyze the development of modernism, which occurred first in the West, including the scientific revolution, secularism, industrialism and the rise of new political ideologies. They will be able to trace the expansion of modernization in both the Western and non-Western worlds and the response to modernism in non-Western countries. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hist/#HIST_152)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10664 001 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	GEB 279	Rider J	32 of 32
10701 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Hembree M	25 of 25
10702 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Hembree M	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/spring/coursedescriptions/hist/#HIST_162)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10703 001 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	GEB 279	Gorell R	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/spring/coursedescriptions/hist/#HIST_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10705 001 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CC 126A	Edwards T	35 of 35

HIST 195 - History of the Middle East

This course introduces students to the environmental, political, economic, religious and ethnic landscape of the Middle East and Northern Africa. Though its focus is historical, the course prepares students for an understanding of the contemporary challenges faced by the region. Particular attention is paid to the Middle East and Northern Africa as the intersection of three monotheistic traditions, the central role of aridity and natural resources in its development, the interfacing of multiple cultures with Islam, the religious and ethnic diversity of the region today, and modern encounters with the nation-state system and western secularism. Students will also explore the contributions of the region to the larger world and the interactions of Middle Eastern and Northern African countries and people with Asia, Europe and the United States. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hist/#HIST_195)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10570 001 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	GP 102	Leiker J	25 of 25

HIST 200 - Eurasia: History and Cultures

This course is an interdisciplinary introduction to the rich diversity of the often marginalized civilizations and tribal peoples that inhabit the Caucasus and Central Asia. Students will examine the ethnic, social, economic, religious, artistic and geopolitical influences shared by the inhabitants of these regions. The indigenous sedentary and nomadic populations located along the Silk Road and Eurasian Steppe were repeatedly subjected to conquest by the superior military powers that competed for domination of these trade arteries. Students will trace the succession of cultural influences that swept over the areas. Students will conclude their study with an examination of the post-Soviet development of these regions, investigating how these peoples define themselves within the modern nation-state system. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hist/#HIST_200)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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HIST 270 - History 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 museum or research facilities or other 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: Permission of the History Internship Mentor; completion of 6 credit hours in history 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 history courses and a written recommendation from your history classroom instructor

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hist/#HIST_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10707 501 INT	-----	-	01/20/15-05/22/15		Clark V	5 of 5

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/spring/coursedescriptions/hmec/#HMEC_151)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11736 001 F2F	-T-----	12:00-02:50 PM	01/20/15-05/22/15	HCA 117	Tripe J	24 of 24
Kansas Senate Bill SB 155						
11737 002 F2F	---R---	12:00-02:50 PM	01/22/15-05/22/15	HCA 115	Faculty	24 of 24
Kansas Senate Bill SB 155						
11738 003 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	HCA 117	Faculty	24 of 24
Kansas Senate Bill SB 155						
11739 004 F2F	--W----	06:00-08:50 PM	02/04/15-05/22/15	 LCS 10	Tripe J	20 of 20

Kansas Senate Bill SB 155

11741 350 ONLNE ----- - 01/20/15-05/22/15 Online Page A 22 of 22

Kansas Senate Bill SB 155

11740 351 ONLNE ----- - 01/20/15-05/22/15 Online Page A 22 of 22

Kansas Senate Bill SB 155

11742 352 ONLNE ----- - 01/20/15-05/22/15 Online Tripe J 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 \(http://catalog.jccc.edu/spring/coursedescriptions/hmgt/#HMGT_120\)](http://catalog.jccc.edu/spring/coursedescriptions/hmgt/#HMGT_120)

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12503 001 F2F	--W----	12:30-02:20 PM	01/21/15-03/15/15	 LCS 08	Gray J	24 of 24
Kansas Senate Bill SB 155						
12504 002 F2F	--W----	12:30-02:20 PM	03/25/15-05/17/15	 LCS 08	Gray J	24 of 24
Kansas Senate Bill SB 155						
12505 003 F2F	M-----	04:00-05:50 PM	01/26/15-03/15/15	HCA 145	Marcellus J	35 of 35
Kansas Senate Bill SB 155						
12507 004 F2F	M-----	04:00-05:50 PM	03/23/15-05/17/15	HCA 145	Marcellus J	35 of 35
Kansas Senate Bill SB 155						
12508 005 F2F	--W----	08:30-10:20 AM	01/21/15-03/15/15	 LCS 08	Gray J	24 of 24
Kansas Senate Bill SB 155						
12509 006 F2F	-T-----	03:00-04:50 PM	01/20/15-03/15/15	HCA 145	Gray J	35 of 35
Kansas Senate Bill SB 155						
12510 007 F2F	-T-----	03:00-04:50 PM	03/24/15-05/17/15	HCA 145	Gray J	35 of 35
Kansas Senate Bill SB 155						
12511 350 ONLNE	-----	-	01/20/15-03/15/15	Online	Page A	22 of 22

12512 351 ONLINE ----- - 03/23/15-05/17/15 Online Tripe J 22 of 22


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/spring/coursedescriptions/hmgt/#HMGT_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12514 001 F2F	M-----	12:00-02:50 PM	01/26/15-05/22/15	HCA 145	Gray J	35 of 35
Kansas Senate Bill SB 155						
12515 002 F2F	-T-----	12:00-02:50 PM	01/20/15-05/22/15	HCA 145	Gray J	35 of 35
Kansas Senate Bill SB 155						
12516 003 F2F	--W----	09:00-11:50 AM	01/21/15-05/22/15	HCA 145	Berg M	35 of 35
Kansas Senate Bill SB 155						
12517 004 F2F	--W----	03:00-05:50 PM	02/04/15-05/22/15	 LCS 08	Gray J	24 of 24
Kansas Senate Bill SB 155						
12518 005 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	HCA 145	Gray J	35 of 35
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/spring/coursedescriptions/hmgt/#HMGT_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11751 001 F2F	M-----	08:00-11:30 AM	01/26/15-05/22/15	HCA 140	Walline T	16 of 16
Kansas Senate Bill SB 155						
11752 002 F2F	M-----	01:00-04:30 PM	01/26/15-05/22/15	HCA 140	Prater A	16 of 16
Kansas Senate Bill SB 155						
11753 003 F2F	-T-----	08:00-11:30 AM	01/20/15-05/22/15	HCA 140	Smith D	16 of 16
Kansas Senate Bill SB 155						
11754 004 F2F	-T-----	01:00-04:30 PM	01/20/15-05/22/15	HCA 140	Prater A	16 of 16
Kansas Senate Bill SB 155						
11813 005 F2F	--W----	08:00-11:30 AM	01/21/15-05/22/15	HCA 140	Smith D	16 of 16
Kansas Senate Bill SB 155						
11814 006 F2F	--W----	01:00-04:30 PM	01/21/15-05/22/15	HCA 140	Marcellus J	16 of 16
Kansas Senate Bill SB 155						
11815 007 F2F	--W----	06:00-09:30 PM	01/21/15-05/22/15	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/spring/coursedescriptions/hmgt/#HMGT_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11816 001 F2F	--W----	08:00-09:55 AM	01/21/15-05/22/15	HCA 148	Adel E	18 of 18
	--W----	08:00-09:55 AM	01/21/15-05/22/15	HCA 150		
	---R---	08:00-03:00 PM	01/22/15-05/22/15	HCA 148		
	---R---	08:00-03:00 PM	01/22/15-05/22/15	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/spring/coursedescriptions/hmgt/#HMGT_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11817 001 F2F	M-----	12:00-02:50 PM	01/26/15-05/22/15	HCA 117	Berg M	24 of 24
Kansas Senate Bill SB 155						
11818 002 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	HCA 119	Robinson L	24 of 24
Kansas Senate Bill SB 155						
11819 003 F2F	-T-----	09:00-11:50 AM	01/20/15-05/22/15	HCA 117	Berg M	24 of 24
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/spring/coursedescriptions/hmgt/#HMGT_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12884 001 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	HCA 119	Anderson S	24 of 24
Kansas Senate Bill SB 155						

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/spring/coursedescriptions/hmgt/#HMGT_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12860 001 F2F	-T-----	03:00-04:50 PM	01/20/15-05/22/15	HCA 119	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/spring/coursedescriptions/hmgt/#HMGT_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11820 001 F2F	M-----	09:00-10:50 AM	01/26/15-05/22/15	HCA 119	Berg M	24 of 24

HMGT 165 - Food Industry Compliance & Safety

Upon successful completion of this course, the student should be able to analyze and explain the basic legal compliance issues regarding food safety and the post-harvest handling of local food products. This course focuses on the legal compliance issues of market farming as well as the food safe handling principles necessary for an individual involved in market farming. It will provide students with practical methods of application involved with food safety and post-harvest marketing. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hmgt/#HMGT_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11821 001 F2F	M-----	12:00-02:50 PM	01/26/15-05/22/15	HCA 119	Hoerz D	24 of 24

Kansas Senate Bill SB 155

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/spring/coursedescriptions/hmgt/#HMGT_207)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11823 001 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	HCA 117	Edwards R	24 of 24

Kansas Senate Bill SB 155

11824 002 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	HCA 117	Edwards R	24 of 24
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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/spring/coursedescriptions/hmgt/#HMGT_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11825 001 F2F	-T-----	01:00-04:30 PM	01/20/15-05/22/15	HCA 148	Adel E	16 of 16
Kansas Senate Bill SB 155						
11826 002 F2F	-T-----	08:00-11:30 AM	01/20/15-05/22/15	HCA 148	Adel E	16 of 16
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/spring/coursedescriptions/hmgt/#HMGT_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11827 001 F2F	-T-----	03:00-05:50 PM	01/20/15-05/22/15	HCA 115	Sobieraj R	24 of 24
Kansas Senate Bill SB 155						

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/spring/coursedescriptions/hmgt/#HMGT_223)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11840 001 F2F	M-----	12:00-03:30 PM	01/26/15-05/22/15	HCA 144	Maxim C	16 of 16
Kansas Senate Bill SB 155						
11841 002 F2F	--W----	08:00-11:30 AM	01/21/15-05/22/15	HCA 144	Flick D	16 of 16
Kansas Senate Bill SB 155						
11842 003 F2F	M-----	06:00-09:30 PM	01/26/15-05/22/15	HCA 144	Maxim C	16 of 16
Kansas Senate Bill SB 155						
11844 005 F2F	-T-----	06:00-09:30 PM	01/20/15-05/22/15	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/spring/coursedescriptions/hmgt/#HMGT_226)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11873 001 F2F	M-----	08:00-11:30 AM	01/26/15-05/22/15	HCA 146	Adel E	16 of 16
Kansas Senate Bill SB 155						
11874 002 F2F	M-----	06:00-09:30 PM	01/26/15-05/22/15	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/spring/coursedescriptions/hmgt/#HMGT_228)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11875 001 F2F	M-----	09:00-11:50 AM	01/26/15-05/22/15	HCA 115	Ashley O	18 of 18
Kansas Senate Bill SB 155 Requirement: Department approval						
11876 002 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	HCA 115	Ashley O	18 of 18
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/spring/coursedescriptions/hmgt/#HMGT_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11877 001 F2F	M-----	08:00-11:30 AM	01/26/15-05/22/15	HCA 142	Smith D	16 of 16
Kansas Senate Bill SB 155						
11878 002 F2F	-T-----	08:00-11:30 AM	01/20/15-05/22/15	HCA 142	Prater A	16 of 16
Kansas Senate Bill SB 155						
11879 003 F2F	-T-----	01:00-04:30 PM	01/20/15-05/22/15	HCA 142	Smith D	16 of 16
Kansas Senate Bill SB 155						
11881 005 F2F	--W----	01:00-04:30 PM	01/21/15-05/22/15	HCA 142	Smith D	16 of 16
Kansas Senate Bill SB 155						
11882 006 F2F	M-----	06:00-09:30 PM	01/26/15-05/22/15	HCA 142	Marcellus J	16 of 16
Kansas Senate Bill SB 155						
11883 007 F2F	--W----	06:00-09:30 PM	01/21/15-05/22/15	HCA 142	Marcellus J	16 of 16
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/spring/coursedescriptions/hmgt/#HMGT_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11884 001 F2F	M-----	12:00-04:30 PM	01/26/15-05/22/15	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/spring/coursedescriptions/hmgt/#HMGT_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11923 001 F2F	-T-----	06:00-07:50 PM	01/20/15-05/22/15	HCA 119	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/spring/coursedescriptions/hmgt/#HMGT_238)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12881 001 F2F	---R---	01:00-04:30 PM	01/22/15-05/22/15	HCA 146	Prater A	12 of 12

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/spring/coursedescriptions/hmgt/#HMGT_248)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11924 001 F2F	--W----	01:00-04:30 PM	01/21/15-05/22/15	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/spring/coursedescriptions/hmgt/#HMGT_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11925 001 F2F	-T-----	12:00-12:50 PM	01/20/15-05/22/15	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/spring/coursedescriptions/hmgt/#HMGT_265)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11926 001 F2F	-T-----	12:00-02:50 PM	01/20/15-05/22/15	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/spring/coursedescriptions/hmgt/#HMGT_268)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11927 001 F2F	--W----	03:00-05:50 PM	01/21/15-05/22/15	HCA 115	Hoerz D	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/spring/coursedescriptions/hmgt/#HMGT_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12502 001 F2F	--W----	09:00-12:30 PM	01/21/15-05/22/15	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/spring/coursedescriptions/hmgt/#HMGT_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11928 001 F2F	M-----	10:00-11:50 AM	01/26/15-05/22/15	HCA 117	Marcellus J	24 of 24
11929 002 F2F	-T-----	03:00-04:50 PM	01/20/15-05/22/15	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/spring/coursedescriptions/hmgt/#HMGT_273)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11930 001 F2F	M-----	03:00-05:50 PM	01/26/15-05/22/15	HCA 115	Sobieraj R	24 of 24

Kansas Senate Bill SB 155

11931 002 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	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/spring/coursedescriptions/hmgt/#HMGT_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11932 500 INT	-----	-	01/20/15-05/22/15		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/spring/coursedescriptions/hmgt/#HMGT_277)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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11933 001 F2F --W---- 12:00-01:50 PM 01/21/15-05/22/15 HCA 115 Sobieraj R 24 of 24

11934 002 F2F -T----- 06:00-07:50 PM 01/20/15-05/22/15 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/spring/coursedescriptions/hmgt/#HMGT_279)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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11935 001 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	HCA 150	Berger S	24 of 24
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Kansas Senate Bill SB 155

11936 002 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	HCA 150	Geiger J	24 of 24
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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/spring/coursedescriptions/hmgt/#HMGT_281)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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11937 500 INT	-----	-	01/20/15-05/22/15	HCA	Sturmer F	55 of 55
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Kansas Senate Bill SB 155

Requirement: Department approval

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/spring/coursedescriptions/hmgt/#HMGT_282)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11938 501 INT	-----	-	01/20/15-05/22/15	HCA	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/spring/coursedescriptions/hmgt/#HMGT_285)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11939 502 INT	-----	-	01/20/15-05/22/15	HCA	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/spring/coursedescriptions/hmgt/#HMGT_286)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11940 503 INT	-----	-	01/20/15-05/22/15	HCA	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/spring/coursedescriptions/hmgt/#HMGT_287)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11941 504 INT	-----	-	01/20/15-05/22/15	HCA	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/spring/coursedescriptions/hmgt/#HMGT_288)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11942 505 INT	-----	-	01/20/15-05/22/15	HCA	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/spring/coursedescriptions/hmgt/#HMGT_292)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12882 001 F2F	---R---	06:00-09:30 PM	01/22/15-05/22/15	HCA 117	Prater A	16 of 16
	---R---	06:00-09:30 PM	01/22/15-05/22/15	HCA 142		

Requirement: Department approval

Hospitality Mgt Pastry Baking

HMPB 255 - Pastry Shop Production II

This course will provide hand-on instruction of advanced techniques used to make advanced staples used in the production of advanced pastries, cakes, tarts, and tortes intended for retail sales in a professional pastry shop. This course is typically offered in the spring semester. 4.5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisites: HMPB 155 and HMPB 160 and HMPB 233 and HMPB 252 Corequisites: HMPB 260 and HMPB 257 and HMPB 252

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hmpb/#HMPB_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11743 001 F2F	---R---	08:00-10:14 AM	01/22/15-05/22/15	HCA 144	Flick D	15 of 15
	----F--	09:00-11:14 AM	01/23/15-05/22/15	HCA 144		

Kansas Senate Bill SB 155

HMPB 257 - Sugar Basics

This course will provide hands-on instruction of pulled and brown sugar techniques used for garnishing advanced pastry items. The student will learn how to cook, pull, blow and store sugar pieces used in a professional pastry shop. This course is typically offered in the spring semester. 4.5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisites: HMPB 155 and HMPB 160 and HMPB 233 and HMPB 252 Corequisites: HMPB 255 and HMPB 260 and HMPB 262

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hmpb/#HMPB_257)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11744 001 F2F	---R---	12:30-02:44 PM	01/22/15-05/22/15	HCA 144	Flick D	15 of 15
	----F--	01:30-03:44 PM	01/23/15-05/22/15	HCA 144		

Kansas Senate Bill SB 155

HMPB 260 - Pastry Shop Principles II

This course will examine the advanced baking concepts including high dollar ingredient identification and usage, storage, advanced inventory control, costing and product sources and product availability as it pertains to a professional pastry shop. This course is typically offered in the spring semester. 4.5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisites: HMPB 155 and HMPB 160 and HMPB 233 and HMPB 252 Corequisites: HMPB 255 and HMPB 257 and HMPB 262

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hmpb/#HMPB_260)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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11745 001 F2F	---R---	10:15-12:29 PM	01/22/15-05/22/15	HCA 144	Flick D	15 of 15
	----F--	11:15-01:29 PM	01/23/15-05/22/15	HCA 144		

Kansas Senate Bill SB 155

HMPB 262 - Pastry Shop Business Basics II

This course will provide advanced hands-on techniques used to market finished pastry items, execute excellent customer service, establishing operational guidelines, inventory and restocking, product ordering, product research, maintaining a display case, as well as taking pastry orders. This course is typically offered in the spring semester. 3.5 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisites: HMPB 155 and HMPB 160 and HMPB 233 and HMPB 252 Corequisites: HMPB 255 and HMPB 260 and HMPB 257

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hmpb/#HMPB_262)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11746 001 F2F	---R---	02:45-04:59 PM	01/22/15-05/22/15	HCA 144	Flick D	15 of 15
	----F--	03:45-05:59 PM	01/23/15-05/22/15	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/spring/coursedescriptions/hon/#HON_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12396 001 F2F	M-W----	02:00-03:15 PM	01/20/15-05/22/15	GEB 238	Alexander D Decker P	18 of 18

This section's title is Honors Forum: A Change is Gonna Come-The Role of Music in Social Justice.

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/spring/coursedescriptions/hort/#HORT_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11796 001 F2F	----F--	01:00-02:05 PM	01/23/15-04/12/15	HSC 121	Fike T	24 of 24
	Lab ----F--	02:15-03:59 PM	01/23/15-04/12/15	HSC 124		

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/spring/coursedescriptions/hort/#HORT_201)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11799 050 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	HSC 121	Seckinger G	24 of 24
	Lab ---R---	06:00-07:50 PM	01/22/15-05/22/15	HSC 121		

Kansas Senate Bill SB 155

HORT 205 - Plant Propagation

This course provides basic knowledge of the art and science of sexual and asexual methods of propagating plants. Students study the processes of seed development, seed dormancy, germination, root initiation and grafting. Students will learn basic seed sowing, cutting and grafting skills. The students will be able to demonstrate the selection of appropriate propagation

methods and choose the proper environmental conditions necessary to achieve successful propagation of seeds or cuttings. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Prerequisite: HORT 201 or department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hort/#HORT_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11800 050 F2F	--W----	06:00-07:50 PM	01/21/15-05/22/15	HSC 121	Seckinger G	24 of 24
	Lab M-----	06:00-08:50 PM	01/26/15-05/22/15	HSC 124		

Kansas Senate Bill SB 155

11801 380 HYB	-----	-	01/20/15-04/12/15	Online	Sreedhar L	24 of 24
	----F--	10:00-10:50 AM	01/23/15-04/12/15	HSC 121		
	Lab ----F--	11:00-01:50 PM	01/23/15-04/12/15	HSC 124		

Kansas Senate Bill SB 155

Note: For Hybrid Classes, lecture notes posted on-line prior to each class time will introduce you to the course material. The more difficult assimilation step will be with the other students and the instructor during class time. Labs will be hands-on, on campus unless indicated otherwise in the syllabus. Make sure to read the relevant chapter(s) in your textbook where required and the lecture notes before coming to class.

HORT 215 - Woody Plants II, Evergreens

This course places emphasis on identification, ornamental characteristics, site requirements and use of evergreen trees and shrubs and flowering 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 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/spring/coursedescriptions/hort/#HORT_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11802 001 F2F	M-----	06:00-08:50 PM	01/26/15-04/19/15	HSC 121	Elder T	24 of 24
	Lab --W----	06:00-08:50 PM	01/28/15-04/19/15	HSC 124		

Kansas Senate Bill SB 155

11803 380 HYB	Lab M-----	12:00-02:50 PM	01/26/15-04/19/15	HSC 121	Boyce B	24 of 24
	-----	-	01/26/15-04/19/15	Online		

Kansas Senate Bill SB 155

HORT 225 - Plant Problems

This course is a broad-spectrum overview of plant insects, diseases and nutrition. Students will look at plants to identify the common characteristics found when diagnosing plant problems. Identification, treatment and treatment alternatives will be considered to help customers make diagnostic decisions for the use of chemicals and integrated pest management techniques (IPM). 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Prerequisites: HORT 214 and HORT 220 or department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hort/#HORT_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11805 380 HYB	-----	-	01/20/15-04/12/15	Online	Sreedhar L	24 of 24
	Lab --W----	10:00-12:50 PM	01/21/15-04/12/15	HSC 121		

Kansas Senate Bill SB 155

Note: For Hybrid Classes, lecture notes posted on-line prior to each class time will introduce you to the course material. The more difficult assimilation step will be with the other students and the instructor during class time. Labs will be hands-on, on campus unless indicated otherwise in the syllabus. Make sure to read the relevant chapter(s) in your textbook where required and the lecture notes before coming to class.

HORT 240 - Turfgrass II

This course is a continuation of turfgrass I (HORT 140). Topics include green construction, top dressing, sprayer calibration, management programs (e.g., setting up a lawn care program) and the influence environment has on turfgrass growth. 2 hrs. lecture 2 hrs. lab/wk.

Credit Hours: 3

Prerequisite: HORT 140

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hort/#HORT_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12883 380 HYB	-----	-	02/02/15-05/17/15	Online	St John R	24 of 24
	Lab -----	-	02/02/15-05/17/15	Online		
	Lab ----S-	08:00-02:00 PM	04/18/15-04/18/15	HSC 121		
	Lab ----S-	08:00-02:00 PM	05/02/15-05/02/15	HSC 121		

Kansas Senate Bill SB 155

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.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hort/#HORT_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11807 350 ONLNE	-----	-	02/02/15-05/22/15	Online	Shafer S	24 of 24

Kansas Senate Bill SB 155

HORT 260 - Horticulture Soils

This course covers soil components as well as the physical, chemical and biological properties of soils that affect plant growth. Emphasis will be placed on horticultural substrates and urban soils and their applications. 2 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hort/#HORT_260)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11809 001 F2F	Lab -T-----	10:00-11:50 AM	01/20/15-05/22/15	HSC 124	Stevens A	24 of 24
	---R---	10:00-11:50 AM	01/22/15-05/22/15	HSC 121		

Kansas Senate Bill SB 155

HORT 265 - Landscape Construction

This course will cover the theories, principles and practices used in the interpretation and implementation of landscape construction. It will include site planning and preparation, safety principles, tool use and identification, landscape and construction materials, job bid development and project management. Construction projects in the class will vary by semester. 2 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$30

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hort/#HORT_265)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11810 001 F2F	-T-----	01:00-02:50 PM	01/20/15-05/22/15	PA 144	Stevens A	24 of 24
	Lab -T-----	03:00-04:50 PM	01/20/15-05/22/15	HSC 121		

Kansas Senate Bill SB 155

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/spring/coursedescriptions/hort/#HORT_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11811 500 INT	-----	-	01/20/15-05/22/15		Sreedhar L	10 of 10

Kansas Senate Bill SB 155

Note: The additional 4 practicum hours will be scheduled with the instructor.

Requirement: Department approval

HORT 274 - Sustainable Agriculture Spring 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 winter and early spring seasons. This includes production and marketing of winter crops and planning and production of spring and summer crops in high tunnels and open field and marketing these spring 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/spring/coursedescriptions/hort/#HORT_274)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11812 500 INT	-T-----	01:00-03:50 PM	01/20/15-05/22/15	HSC 124	Shafer S	20 of 20

Kansas Senate Bill SB 155

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/spring/coursedescriptions/hper/#HPER_100)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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10314 001 F2F	-T-R---	11:00-11:50 AM	01/20/15-05/22/15	GYM 003C	Morley R	30 of 30
	-T-R---	11:00-11:50 AM	01/20/15-05/22/15	GYM 003D		

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/spring/coursedescriptions/hper/#HPER_101)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10315 001 F2F	-T-R---	11:00-11:50 AM	01/20/15-05/22/15	GYM 003C	Morley R	30 of 30
	-T-R---	11:00-11:50 AM	01/20/15-05/22/15	GYM 003D		

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/spring/coursedescriptions/hper/#HPER_104)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10316 001 F2F	M-W----	08:00-08:50 AM	01/21/15-05/22/15	GYM 007	Beattie-Nelson A	20 of 20
10318 002 F2F	M-W----	09:00-09:50 AM	01/21/15-05/22/15	GYM 007	Beattie-Nelson A	20 of 20
10319 003 F2F	M-W----	10:00-10:50 AM	01/21/15-05/22/15	GYM 007	Triplett P	20 of 20
10320 004 F2F	M-W----	07:00-07:50 PM	01/21/15-05/22/15	GYM 007	Zickefoose W	20 of 20
10343 005 F2F	-T-R---	08:30-09:20 AM	01/20/15-05/22/15	GYM 007	Anani S	20 of 20
10344 006 F2F	-T--F--	09:30-10:20 AM	01/20/15-05/22/15	GYM 007	Nosworthy A	20 of 20
10345 007 F2F	-T-R---	01:00-01:50 PM	01/20/15-05/22/15	GYM 007	Zickefoose W	20 of 20
10346 008 F2F	-T-R---	02:00-02:50 PM	01/20/15-05/22/15	GYM 007	Zickefoose W	20 of 20

10348 009 F2F	M-W----	12:30-01:20 PM	01/21/15-05/22/15	 OHEC 143	Nosworthy A	20 of 20
10349 010 F2F	M-W----	11:30-12:20 PM	01/21/15-05/22/15	 OHEC 143	Nosworthy A	20 of 20
10550 011 F2F	M-W----	06:00-06:50 PM	01/21/15-05/22/15	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/spring/coursedescriptions/hper/#HPER_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10360 001 F2F	M-----	06:00-07:50 PM	02/02/15-05/22/15	GYM 003C	Louque W	24 of 24
	M-----	06:00-07:50 PM	02/02/15-05/22/15	GYM 003D		
	M-----	06:00-07:50 PM	02/02/15-05/22/15	GYM 526		

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/spring/coursedescriptions/hper/#HPER_117)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10424 001 F2F	M-W----	10:00-10:50 AM	01/21/15-05/22/15	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/spring/coursedescriptions/hper/#HPER_118)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10426 001 F2F	M-W----	10:00-10:50 AM	01/21/15-05/22/15	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/spring/coursedescriptions/hper/#HPER_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10429 001 F2F	-T-R---	09:00-09:50 AM	01/20/15-05/22/15	GYM 003B	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/spring/coursedescriptions/hper/#HPER_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10430 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Bloemker M	25 of 25

Note: All assignments and tests will be done online

10433 351 ONLNE	-----	-	01/20/15-05/22/15	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/spring/coursedescriptions/hper/#HPER_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10445 002 F2F	M-W----	06:00-06:50 PM	01/21/15-05/22/15	GYM 022	Anani S	30 of 30

10446	003 F2F	-T-R---	12:30-01:20 PM	01/20/15-05/22/15	GYM 022	Taylor S	30 of 30
10447	004 F2F	M-W----	09:00-09:50 AM	01/21/15-05/22/15	GYM 022	Javorek J	30 of 30
10448	005 F2F	-T-R---	09:00-09:50 AM	01/20/15-05/22/15	GYM 022	Javorek J	30 of 30
10449	006 F2F	M-W----	10:00-10:50 AM	01/21/15-05/22/15	GYM 022	Javorek J	30 of 30
10450	007 F2F	-T-R---	10:00-10:50 AM	01/20/15-05/22/15	GYM 022	Javorek J	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/spring/coursedescriptions/hper/#HPER_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open	
10488	002 F2F	M-W----	06:00-06:50 PM	01/21/15-05/22/15	GYM 022	Anani S	30 of 30
10492	003 F2F	-T-R---	12:30-01:20 PM	01/20/15-05/22/15	GYM 022	Taylor S	30 of 30
10506	004 F2F	M-W----	09:00-09:50 AM	01/21/15-05/22/15	GYM 022	Javorek J	30 of 30
10508	005 F2F	-T-R---	09:00-09:50 AM	01/20/15-05/22/15	GYM 022	Javorek J	30 of 30
10518	006 F2F	M-W----	10:00-10:50 AM	01/21/15-05/22/15	GYM 022	Javorek J	30 of 30
10520	007 F2F	-T-R---	10:00-10:50 AM	01/20/15-05/22/15	GYM 022	Javorek J	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/spring/coursedescriptions/hper/#HPER_137)

CRN	Days	Time	Date	Location	Instructor	Seats Open	
10543	001 F2F	M-W-F--	10:00-10:50 AM	03/02/15-05/15/15	GYM 003B	Walker B	20 of 20

M-W-F-- 10:00-10:50 AM 03/02/15-05/15/15 GYM 003C

M-W-F-- 10:00-10:50 AM 03/02/15-05/15/15 GYM 537

Note: Beginning of class will meet inside Gym 003 (Field House). Weather permitting, the class will meet outside on the tennis courts (537)

10544 002 F2F M-W---- 06:00-07:20 PM 03/02/15-05/13/15 GYM 003B Alarico A 20 of 20

M-W---- 06:00-07:20 PM 03/02/15-05/13/15 GYM 003C

M-W---- 06:00-07:20 PM 03/02/15-05/13/15 GYM 537

Note: Beginning of class will meet inside Gym 003 (Field House). Weather permitting, the class will meet outside on the tennis courts (537)

10545 003 F2F -T-R--- 11:00-12:20 PM 03/03/15-05/14/15 GYM 003B Walker B 20 of 20

-T-R--- 11:00-12:20 PM 03/03/15-05/14/15 GYM 003C

-T-R--- 11:00-12:20 PM 03/03/15-05/14/15 GYM 537

Note: Beginning of class will meet inside Gym 003 (Field House). Weather permitting, the class will meet outside on the tennis courts (537)

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/spring/coursedescriptions/hper/#HPER_138)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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10546 001 F2F	M-W-F--	10:00-10:50 AM	03/02/15-05/15/15	GYM 003B	Walker B	20 of 20
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	M-W-F--	10:00-10:50 AM	03/02/15-05/15/15	GYM 003C		
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	M-W-F--	10:00-10:50 AM	03/02/15-05/15/15	GYM 537		
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Note: Beginning of class will meet inside Gym 003 (Field House). Weather permitting, the class will meet outside on the tennis courts (537)

10547 002 F2F	M-W----	06:00-07:20 PM	03/02/15-05/13/15	GYM 003B	Alarico A	20 of 20
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	M-W----	06:00-07:20 PM	03/02/15-05/13/15	GYM 003C		
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	M-W----	06:00-07:20 PM	03/02/15-05/13/15	GYM 537		
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Note: Beginning of class will meet inside Gym 003 (Field House). Weather permitting, the class will meet outside on the tennis courts (537)

10548 003 F2F	-T-R---	11:00-12:20 PM	03/03/15-05/14/15	GYM 003B	Walker B	20 of 20
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	-T-R---	11:00-12:20 PM	03/03/15-05/14/15	GYM 003C		
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	-T-R---	11:00-12:20 PM	03/03/15-05/14/15	GYM 537		
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Note: Beginning of class will meet inside Gym 003 (Field House). Weather permitting, the class will meet outside on the tennis courts (537)

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/spring/coursedescriptions/hper/#HPER_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10549 001 F2F	M-W----	01:00-01:50 PM	01/21/15-05/22/15	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/spring/coursedescriptions/hper/#HPER_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10551 001 F2F	-T-R---	11:00-11:50 AM	01/20/15-05/22/15	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/spring/coursedescriptions/hper/#HPER_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10552 001 F2F	M-W----	11:00-11:50 AM	01/21/15-05/22/15	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/spring/coursedescriptions/hper/#HPER_158)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10553 001 F2F	M-W----	02:00-02:50 PM	01/21/15-05/22/15	GYM 007	Phillips D	20 of 20

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/spring/coursedescriptions/hper/#HPER_175)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10554 001 F2F	-T-----	07:00-08:50 PM	01/20/15-05/22/15	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/spring/coursedescriptions/hper/#HPER_176)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10557 001 F2F	M-W----	10:00-10:50 AM	01/21/15-05/22/15	GYM 003E	Taylor S	20 of 20
10571 002 F2F	-T-R---	10:00-10:50 AM	01/20/15-05/22/15	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/spring/coursedescriptions/hper/#HPER_185)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10573 001 F2F	-T----	09:00-11:20 AM	03/03/15-05/12/15	GYM 125	Carter C	25 of 25
	-T----	09:00-11:20 AM	03/03/15-05/12/15	GYM 526		
10574 002 F2F	--R--	09:00-11:20 AM	03/05/15-05/14/15	GYM 125	Carter C	25 of 25
	--R--	09:00-11:20 AM	03/05/15-05/14/15	GYM 526		

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/spring/coursedescriptions/hper/#HPER_192)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10575 001 F2F	M-W----	01:00-01:50 PM	03/30/15-05/20/15	GYM 013	Dey R	25 of 25
10576 002 F2F	-T----	05:30-07:20 PM	01/20/15-03/10/15	GYM 013	Dey R	25 of 25
10577 350 ONLNE	-----	-	01/26/15-04/10/15	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						
10578 351 ONLNE	-----	-	01/26/15-04/10/15	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						
10579 352 ONLNE	-----	-	01/26/15-04/10/15	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						
10580 353 ONLNE	-----	-	01/26/15-04/10/15	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						
10582 354 ONLNE	-----	-	01/26/15-04/10/15	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						
10583 355 ONLNE	-----	-	03/30/15-05/22/15	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

10584 356 ONLNE ----- - 03/30/15-05/22/15 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/spring/coursedescriptions/hper/#HPER_195)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10585 001 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	GYM 013	Edwinson B	20 of 20

HPER 198 - Athletic Training Practicum I

At the conclusion of this practicum, the student will be able to explain and demonstrate a variety of basic principles and practices in athletic training, including the essentials of record keeping, athletic injury taping and strapping techniques, an introduction to the supervised use of and safety procedures for therapeutic modalities and therapeutic exercise equipment. Major anatomical landmarks and basic anatomy of the major joints of the human body will be identified and palpated. This practicum, intended for athletic training and other allied health students, will be hands-on and conducted under the direct supervision of a certified/licensed athletic trainer. 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. 16 hrs. lecture, 112 hrs. practicum This course will not meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Corequisite: HPER 195

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hper/#HPER_198)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10586 001 F2F	---R---	03:00-03:50 PM	01/22/15-05/22/15	GYM 013	Edwinson B	14 of 14

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/spring/coursedescriptions/hper/#HPER_200)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10587 001 F2F	M-W----	02:00-02:50 PM	01/21/15-05/22/15	GYM 021	Dey R	18 of 18
Kansas Senate Bill SB 155						
10588 002 F2F	-T-----	07:30-09:20 PM	01/20/15-05/22/15	GYM 021	Hootman T	18 of 18
Kansas Senate Bill SB 155						
10589 003 F2F	-T-R---	08:00-09:20 AM	02/03/15-04/16/15	GYM 021	Hootman T	18 of 18
Kansas Senate Bill SB 155						
10590 004 F2F	-T-R---	02:00-03:20 PM	02/03/15-04/16/15	GYM 021	Hootman T	18 of 18
Kansas Senate Bill SB 155						
10591 005 F2F	M-----	07:30-09:20 PM	01/26/15-05/22/15	GYM 021	Hootman T	18 of 18
Kansas Senate Bill SB 155						
10592 006 F2F	-T-R---	05:30-07:20 PM	02/17/15-04/16/15	GYM 021	Hootman T	18 of 18
Kansas Senate Bill SB 155						
10593 376 HYB	-----	-	01/20/15-05/22/15	Online	Brown S	18 of 18
	--W----	11:00-11:50 AM	01/21/15-05/22/15	GYM 021		
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						
10594 377 HYB	-T-----	11:00-11:50 AM	01/20/15-05/22/15	GYM 021	Brown S	18 of 18
	-----	-	01/20/15-05/22/15	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						
10595 378 HYB	-----	-	02/16/15-04/16/15	Online	Brown S	18 of 18
	-T-R---	12:30-01:20 PM	02/17/15-04/16/15	GYM 021		
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						
10596 379 HYB	M-W----	10:00-10:50 AM	02/02/15-04/01/15	GYM 021	Brown S	18 of 18
	-----	-	02/02/15-04/01/15	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

10597 380 HYB	-----	-	01/20/15-05/22/15	Online	Brown S	18 of 18
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M-----	11:00-11:50 AM	01/26/15-05/22/15	GYM 021
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Kansas Senate Bill SB 155

Mandatory Classroom Meetings

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

10598 381 HYB	-----	-	01/20/15-05/22/15	Online	Brown S	18 of 18
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M-----	01:00-01:50 PM	01/26/15-05/22/15	GYM 021
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Kansas Senate Bill SB 155

Mandatory Classroom Meetings

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

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 \(http://catalog.jccc.edu/spring/coursedescriptions/hper/#HPER_202\)](http://catalog.jccc.edu/spring/coursedescriptions/hper/#HPER_202)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
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10599 001 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	GYM 013	Carrier D	24 of 24
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10600 002 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	GYM 013	Carrier D	24 of 24
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10601 003 F2F	-T-R--	12:30-01:50 PM	01/20/15-05/22/15	GYM 013	Stinson J	24 of 24
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10602 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Stinson J	25 of 25
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Note: All assignments and tests will be online

10603 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Stinson J	25 of 25
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Note: All assignments and tests will be online

10605 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Mallory L	25 of 25
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Note: All assignments and tests will be online

10606 353 ONLNE	-----	-	01/20/15-05/22/15	Online	Mallory L	25 of 25
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Note: All assignments and tests will be online

10607 354 ONLNE	-----	-	01/20/15-05/22/15	Online	Mallory L	25 of 25
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Note: All assignments and tests will be online

10608 355 ONLNE	-----	-	01/20/15-05/22/15	Online	Carrier D	25 of 25
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Note: All assignments and tests will be online

10609 356 ONLNE	-----	-	01/20/15-05/22/15	Online	Carrier D	25 of 25
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Note: All assignments and tests will be online

10610 357 ONLNE	-----	-	02/02/15-04/17/15	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

10842 358 ONLNE	-----	-	02/02/15-04/17/15	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

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/spring/coursedescriptions/hper/#HPER_204)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10843 001 F2F	-T-R---	09:30-10:50 AM	01/20/15-05/22/15	GYM 013	Brethauer S	20 of 20

HPER 207 - Athletic Training Practicum 2

At the conclusion of this practicum, the student will be able to explain and demonstrate the basic theories supporting the uses of therapeutic modalities and therapeutic exercise, and the evaluation/assessment of injuries to athletes. The student will demonstrate a functional understanding of the major muscle groups of the human body. The student will be able to discuss and explain the duties and responsibilities of a certified athletic trainer (ATC). Direct work with specific athletic teams will facilitate the practicum. This practicum will be hands-on, and conducted under the direct supervision of a certified/licensed athletic trainer. This class is intended for athletic training and other allied health students. 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. 16 lecture 304 practicum hrs. This course will not meet the general education requirement for Health and/or Physical Education.

Credit Hours: 2

Prerequisites: HPER 195 and HPER 198 and BIOL 140 and BIOL 225 and Corequisite: HPER 204

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hper/#HPER_207)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10846 001 F2F	M-----	03:00-03:50 PM	01/26/15-05/22/15	GYM 013	Brethauer S	20 of 20

Requirement: Department approval

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/spring/coursedescriptions/hper/#HPER_208)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10848 001 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	GYM 013	Taylor S	24 of 24
12111 002 F2F	-T-R---	11:00-12:20 PM	01/20/15-05/22/15	GYM 013	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/spring/coursedescriptions/hper/#HPER_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10850 001 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	GYM 013	Canary D	20 of 20

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/spring/coursedescriptions/hper/#HPER_224)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10852 350 ONLNE	-----	-	01/20/15-05/22/15	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

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/spring/coursedescriptions/hper/#HPER_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10854 001 F2F	-----	-	01/20/15-05/22/15	GYM 103	Thompson S	500 of 500

Lifetime Fitness

Note: Lifetime Fitness I requires an initial hour and a half orientation. You must bring to your orientation, 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. Orientations will begin on Monday, January 12, 2015 and end on Thursday, January 29, 2015 or you will be dropped for non-attendance

10855 002 F2F	-----	-	01/26/15-05/22/15	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 to your orientation, 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. Orientations will begin on Monday, January 12, 2015 and end on Thursday, January 29, 2015 or you will be dropped for non-attendance

Requirement: Department approval

10856 376 HYB	-----	-	02/09/15-05/22/15	Online	Brown S	20 of 20
	---R---	11:00-11:50 AM	02/12/15-05/22/15	GYM 021		

Mandatory Classroom Meetings

Lifetime Fitness

Note: This class consists of 12 mandatory on campus meetings and out of class workouts. You will be required to use a heart rate monitor or similar device during your workouts. If you do not have such a device, one will be provided for you for use during the semester. For questions regarding this class, please e-mail the instructor, Susan Brown

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/spring/coursedescriptions/hper/#HPER_241)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10907 001 F2F	-----	-	01/20/15-05/22/15	GYM 103	Triplett P	150 of 150

Lifetime Fitness

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/spring/coursedescriptions/hper/#HPER_242)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10910 001 F2F	-----	-	01/20/15-05/22/15	GYM 103	Hall T	100 of 100
Lifetime Fitness						
10911 002 F2F	-----	-	01/26/15-05/22/15	GYM 103	Hall T	50 of 50
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/spring/coursedescriptions/hper/#HPER_243)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10913 001 F2F	-----	-	01/20/15-05/22/15	GYM 103	Dey R	150 of 150
Lifetime Fitness						
10914 002 F2F	-----	-	01/26/15-05/22/15	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/spring/coursedescriptions/hper/#HPER_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10915 001 F2F	-T-R---	09:30-10:50 AM	01/20/15-05/22/15	GYM 021	Stinson J	24 of 24
	-T-R---	09:30-10:50 AM	01/20/15-05/22/15	GYM 125		

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/spring/coursedescriptions/hper/#HPER_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10917 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Mallory L	25 of 25
Note: All assignments and tests will be online						
10920 351 ONLNE	-----	-	01/20/15-05/22/15	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/spring/coursedescriptions/hum/#HUM_122)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10456 002 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CC 344	Hoare T	35 of 35
10457 003 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CC 344	Chen S	35 of 35

10458 004 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CC 344	Murphy J	35 of 35
10459 005 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	CC 344	Chen S	35 of 35
10461 006 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	CC 344	Hoare T	35 of 35
10462 007 F2F	M-W-F--	02:00-02:50 PM	01/21/15-05/22/15	CC 344	Chen S	35 of 35
10463 008 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CC 344	Chen S	35 of 35
10465 009 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CC 344	McCarty L	35 of 35
10467 010 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	CC 344	Carpenter W	35 of 35
10471 011 F2F	-T-R---	03:30-04:45 PM	01/20/15-05/22/15	CC 344	McCarty L	35 of 35
10472 012 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	CC 344	Robertson M	35 of 35
10473 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Domoney J	25 of 25
10474 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Garrett M	25 of 25
10475 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Garrett M	25 of 25

HUM 137 - Introduction to Russian Culture

This course is a survey of the cultural history of Russia from the ninth century to the present. The approach is interdisciplinary, examining representative examples of Russian art, architecture, music, theater, dance, literature and philosophy in their historical context. In addition to developing the students' appreciation of Russia's contribution to world culture, the course aims to enhance students' understanding of the contemporary world. 3 hrs. lecture/wk. When paired with Introduction to Literature, Russian emphasis, it includes an online component. Usually this course is offered in the spring semester. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details. This course is taught in the spring semester.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hum/#HUM_137)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10476 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Mack J	25 of 25

HUM 146 - Introduction to World Humanities II

This course will acquaint students with the arts and ideas of the world's major civilizations, from the Renaissance to the present. The approach will be both interdisciplinary and chronological, 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 spring semester.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hum/#HUM_146)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10477 001 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	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/spring/coursedescriptions/hum/#HUM_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10481 001 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CC 338	Bailes K	35 of 35
10482 002 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CC 338	Robertson M	35 of 35
10483 003 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	CC 344	Norcott-Mahany B	35 of 35
10484 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Norcott-Mahany B	25 of 25
10485 351 ONLNE	-----	-	01/20/15-05/22/15	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/spring/coursedescriptions/hum/#HUM_156)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10486 001 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CC 338	Bailes K	35 of 35

HUM 167 - Introduction to Japanese Culture

The course acquaints students with the arts and ideas of Japan, from its pre-history through the present day. The approach is interdisciplinary, examining artistic and philosophical values embodied in theatre (including dance and music), painting (calligraphy), woodblock prints, ceramics, sculpture, literature, and gardens, as well as modern developments including anime

and film. In addition to developing the students' appreciation of Japan's contribution to world culture, the course aims to enhance students' understanding of the contemporary world. 3 hrs. lecture/wk. This course is taught in the spring semester.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hum/#HUM_167)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10487 001 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CC 338	Philip 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/spring/coursedescriptions/hvac/#HVAC_105)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11828 001 F2F	-T-R---	11:30-12:50 PM	01/20/15-05/22/15	ATB 164A	Clyde J	16 of 16
	Lab -T-R---	01:00-02:20 PM	01/20/15-05/22/15	ATB 148		

Kansas Senate Bill SB 155

11829 002 F2F	-T-R---	06:00-07:20 PM	01/20/15-05/22/15	ATB 125	Lamping J	18 of 18
	Lab -T-R---	07:30-08:50 PM	01/20/15-05/22/15	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/spring/coursedescriptions/hvac/#HVAC_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11830 001 F2F	-T-R---	08:00-09:20 AM	01/20/15-05/22/15	ATB 164A	Clyde J	16 of 16
	Lab -T-R---	09:30-10:50 AM	01/20/15-05/22/15	ATB 164A		
Kansas Senate Bill SB 155						
11831 002 F2F	M-W----	06:00-07:20 PM	01/21/15-05/22/15	ATB 164A	Zuck H	16 of 16
	Lab M-W----	07:30-08:50 PM	01/21/15-05/22/15	ATB 164A		
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/spring/coursedescriptions/hvac/#HVAC_136)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11832 001 F2F	M-W----	08:00-08:50 AM	01/21/15-05/22/15	ATB 127	Steinmetz M	18 of 18
	Lab M-W----	09:00-10:20 AM	01/21/15-05/22/15	ATB 148		
Kansas Senate Bill SB 155						
11833 002 F2F	Lab -T-----	06:00-08:20 PM	01/20/15-05/22/15	ATB 148	Leikam S	18 of 18
	---R---	06:00-08:20 PM	01/22/15-05/22/15	ATB 128		
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 or HVAC 121

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hvac/#HVAC_142)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11834 001 F2F	-T-R---	11:00-11:50 AM	01/20/15-05/22/15	ATB 131	Anderson G	18 of 18
	Lab -T-R---	12:00-01:20 PM	01/20/15-05/22/15	ATB 155		

HVAC 164 - EPA 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/spring/coursedescriptions/hvac/#HVAC_164)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11835 001 F2F	----F--	08:00-04:00 PM	02/20/15-02/27/15	ITC 122	Hendren H	24 of 24

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/spring/coursedescriptions/hvac/#HVAC_167)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11836 001 F2F	M-W----	11:00-11:50 AM	01/21/15-05/22/15	ATB 133	Hendren H	12 of 12
	Lab M-W----	12:00-01:20 PM	01/21/15-05/22/15	ATB 148		

Kansas Senate Bill SB 155

11837 002 F2F	M-W----	06:00-06:50 PM	01/21/15-05/22/15	ATB 142	Crouch D	12 of 12
	Lab M-W----	07:00-08:20 PM	01/21/15-05/22/15	ATB 148		

Kansas Senate Bill SB 155

HVAC 201 - Cooling Systems

Upon successful completion of this course, the student should be able to identify all the components and accessories and their relationship to the functions of residential and commercial air conditioning and heat pump systems. Topics covered will include air conditioner condensing units, metering devices, evaporation coils and refrigerants. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$30-150

Prerequisites: (HVAC 105 or HVAC 121) AND (HVAC 110 or HVAC 123)

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hvac/#HVAC_201)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11838 001 F2F	-T-R---	08:00-08:50 AM	01/20/15-05/22/15	ATB 131	Anderson G	18 of 18
	Lab -T-R---	09:00-10:20 AM	01/20/15-05/22/15	ATB 148		
Kansas Senate Bill SB 155						
11839 002 F2F	-T-----	06:00-08:20 PM	01/20/15-05/22/15	ATB 128	Anderson G	18 of 18
	Lab ---R---	06:00-08:20 PM	01/22/15-05/22/15	ATB 148		
Kansas Senate Bill SB 155						

HVAC 236 - Advanced Heating Applications

Upon successful completion of this course, the student will be able to identify all the components and accessories of furnaces, heat pumps or boiler systems that are used either in residential or commercial spaces. The student should also be able to demonstrate familiarity with aspects of fuel gas piping, gas appliance venting, water heater installations, combustion air requirements and proper piping techniques. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$30-100

Prerequisites: (HVAC 105 or HVAC 121) AND (HVAC 110 or HVAC 123) AND (HVAC 136 or HVAC 127)

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hvac/#HVAC_236)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11845 001 F2F	-T-R---	03:00-03:50 PM	01/20/15-05/22/15	ATB 131	Anderson G	18 of 18
	Lab -T-R---	04:00-05:20 PM	01/20/15-05/22/15	ATB 148		
Kansas Senate Bill SB 155						
11849 002 F2F	M-W----	06:00-06:50 PM	01/21/15-05/22/15	ATB 128	Lamping J	18 of 18
	Lab M-W----	07:00-08:20 PM	01/21/15-05/22/15	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/spring/coursedescriptions/hvac/#HVAC_242)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11852 001 F2F	M-W----	08:00-08:50 AM	01/21/15-05/22/15	ATB 142	Hendren H	18 of 18
	Lab M-W----	09:00-10:20 AM	01/21/15-05/22/15	ATB 148		

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/spring/coursedescriptions/hvac/#HVAC_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11854 001 F2F	M-W----	03:00-03:50 PM	01/21/15-05/22/15	ATB 127	Hendren H	18 of 18
	Lab M-W----	04:00-05:20 PM	01/21/15-05/22/15	ATB 148		

Kansas Senate Bill SB 155

11857 002 F2F	M-W----	06:00-06:50 PM	01/21/15-05/22/15	ATB 125	Wood D	18 of 18
	Lab M-W----	07:00-08:20 PM	01/21/15-05/22/15	ATB 148		

Kansas Senate Bill SB 155

HVAC 275 - HVAC Code Review

This course is for the use and interpretation of the current International Mechanical Code (IMC). Upon successful completion of this course, the student should be able to interpret and apply the Code to HVAC applications. 3 hrs. lecture/wk.

Credit Hours: 3

Requirements: Prerequisites: (HVAC 142 or HVAC 124) AND (HVAC 201 or HVAC 221) AND Prerequisite or Corequisite: HVAC 136 or HVAC 127

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hvac/#HVAC_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11860 001 F2F	----F--	05:00-07:50 PM	01/23/15-05/22/15	ATB 128	Hendren H	30 of 30

HVAC 277 - HVAC Control Systems

Upon successful completion of this course, the student should be able to identify the components and theory in electronic, pneumatic and direct digital control systems. Classroom topics will center on components, wiring diagrams, calibration and sequences of operation, system components, theory of operation, wiring diagrams and installation methods. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$30-150

Requirements: Prerequisite: HVAC 201 or HVAC 221 AND Prerequisite or Corequisite: HVAC 236 or HVAC 223

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hvac/#HVAC_277)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11862 001 F2F	-T-R---	06:00-06:50 PM	01/20/15-05/22/15	ATB 164A	Zuck H	16 of 16
	Lab -T-R---	07:00-08:20 PM	01/20/15-05/22/15	ATB 164A		

Kansas Senate Bill SB 155

HVAC 280 - HVAC Internship

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work environment. The internship will provide the students with an on-the-job experience under the supervision of industry professionals. The work will be developed in cooperation with area employers, college staff and each student to provide a variety of actual job experiences directly related to the student's career goals in the HVAC field. Minimum 15 hrs. per week on-the-job training.

Credit Hours: 3

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hvac/#HVAC_280)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11863 500 INT	-----	-	01/20/15-05/22/15		Hendren H	5 of 5

Kansas Senate Bill SB 155

Requirement: Department approval

12829 501 INT	-----	-	01/20/15-05/22/15	ATB	Faculty	5 of 5
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Kansas Senate Bill SB 155

Requirement: Department approval

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/spring/coursedescriptions/indt/#INDT_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10436 001 F2F	--W-F--	10:30-11:50 AM	01/21/15-05/22/15	ATB 131	Gilmore S	20 of 20
Kansas Senate Bill SB 155						
10437 002 F2F	--W----	02:00-04:50 PM	01/21/15-05/22/15	ITC 183	Gilmore S	18 of 18
Kansas Senate Bill SB 155						
10438 003 F2F	---R---	12:00-02:50 PM	01/22/15-05/22/15	ATB 129	Gilmore S	20 of 20
Kansas Senate Bill SB 155						
10439 004 F2F	-----S-	08:00-05:00 PM	01/24/15-02/22/15	ATB 127	Burks D	20 of 20
Kansas Senate Bill SB 155						

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/spring/coursedescriptions/indt/#INDT_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10440 001 F2F	----F--	09:30-10:20 AM	01/23/15-05/22/15	ITC 188	Bedell T	18 of 18
Kansas Senate Bill SB 155						
10441 002 F2F	----F--	01:00-01:50 PM	01/23/15-05/22/15	ITC 188	Bedell T	18 of 18
Kansas Senate Bill SB 155						
10442 003 F2F	M-----	05:00-05:50 PM	01/26/15-05/22/15	ITC 188	Bedell T	18 of 18
Kansas Senate Bill SB 155						

Interpreter Training

INTR 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.

Note: INTR 123, FL 271 and ASL 123 are the same course; only enroll in one

Credit Hours: 3

Associated Costs: \$10 to 20

Prerequisite: INTR 122 or ASL 122 or FL 270 with a grade of "C" or higher and Corequisite: For students accepted in the interpreter training program: INTR 131 and INTR 135 and INTR 242 and INTR 248 all with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/intr/#INTR_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12578 001 F2F	M-W-F--	08:00-09:50 AM	01/21/15-05/22/15	GEB 311	Luton D	7 of 7
Kansas Senate Bill SB 155						
12579 002 F2F	M-W-F--	10:00-11:50 AM	01/21/15-05/22/15	GEB 311	Luton D	7 of 7
Kansas Senate Bill SB 155						

INTR 131 - Interpreting Preparation Skills

This course provides students with a foundation in the theory of interpretation. Students will explore the Colonomos Model of interpreting and apply this model by first using pre-interpreting skills in isolation. Then students will progress from producing translations to interpreting consecutively. 4 hrs. integrated lecture-lab/wk.

Credit Hours: 2

Associated Costs: \$10 to 50

Prerequisites: INTR 130 with a grade of "C" or higher and acceptance into the interpreter training program Corequisites: INTR 123 and INTR 135 and INTR 242 and INTR 248 all with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/intr/#INTR_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12580 001 F2F	M-W----	08:00-09:50 AM	01/21/15-05/22/15	GEB 215	Storme S	11 of 11
Kansas Senate Bill SB 155						
12581 002 F2F	M-W----	10:00-11:50 AM	01/21/15-05/22/15	GEB 215	Storme S	6 of 6
Kansas Senate Bill SB 155						

INTR 135 - Intro to American Sign Language Linguistics

This course introduces students to the structural and grammatical principles of ASL. Students will explore concepts of equivalency between English and ASL 3 hrs. integrated lecture/lab/wk. The daytime sections are open only to students in the interpreter training program. INTR 135 and ASL 135 are the same course; do not enroll in both.

Credit Hours: 3

Associated Costs: \$10 to 50

Prerequisite: INTR 122 or ASL 122 or FL 270 with a grade of "C" or higher Corequisites: for students accepted in the interpreter training program enroll in: INTR 123 and INTR 242 and INTR 131 and INTR 248 all with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/intr/#INTR_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12582 001 F2F	-T-----	09:30-12:20 PM	01/20/15-05/22/15	GEB 215	Kuhns K	20 of 20

Kansas Senate Bill SB 155

INTR 242 - Fingerspelling II

This course focuses on continued development of expressive and receptive fingerspelling skills based on word and phrase recognition and expression. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 2

Prerequisite: INTR 147 with a grade of "C" or higher Corequisites: INTR 123 and INTR 131 and INTR 135 and INTR 248 all with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/intr/#INTR_242)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12583 001 F2F	-T-R---	08:00-09:20 AM	01/20/15-05/22/15	GEB 215	Luton D	20 of 20

Kansas Senate Bill SB 155

INTR 248 - Deaf Community Ethnography

This advanced course will provide students the opportunity to explore power and oppression issues experienced by d/Deaf people. Specific attention will be given to society's views of the d/Deaf community and the influence of various media on these views. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10 to 25

Prerequisite: INTR 145 or ASL 145 with a grade of "C" or higher Corequisites: (INTR 123 or ASL 123) and INTR 131 and (INTR 135 or ASL 135) and INTR 242 all with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/intr/#INTR_248)

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

INTR 251 - Interpreting II

This is an advanced course concentrating on continued develop of English-to-ASL, ASL transliteration skills development. Students will have the opportunity to use these skills as stimulus material gradually becomes more advanced. 4 hrs. integrated lecture/lab/wk.

Credit Hours: 2

Associated Costs: \$10 to 50

Prerequisite: INTR 250 with a grade of "C" or higher Corequisites: INTR 262 and INTR 282 and AAC 150 all with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/intr/#INTR_251)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12585 001 F2F	--W----	05:00-08:50 PM	01/21/15-05/22/15	CC 312	Storme H	7 of 7

Kansas Senate Bill SB 155

12586 002 F2F	--W----	05:00-08:50 PM	01/21/15-05/22/15	PA 134	Storme S	7 of 7
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Kansas Senate Bill SB 155

INTR 262 - Seminar on Interpreting

This course provides students with knowledge of stress management as applied to both the physical demands and mental conditions of sign language interpreting. Students will learn and apply decision-making techniques in regard to the Interpreter (RID) Code of Ethics. Additionally, the course provides students with knowledge of career development theory, career decision-making and the job-search process. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: INTR 250 with a grade of "C" or higher Corequisites: INTR 251 and INTR 282 and AAC 150 all with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/intr/#INTR_262)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12587 001 F2F	M-----	05:00-07:50 PM	01/26/15-05/22/15	CC 216	Storme S	20 of 20

INTR 282 - Interpreting Practicum II

This course provides students with an opportunity to observe and interpret in an off-site setting with the supervision of an experienced interpreter. Students will actively engage in discussions relating to the difficulties and rewards of working in a realistic interpreting environment. The fieldwork totals 270 hours a semester.

Credit Hours: 6

Associated Costs: \$10 to 50

Prerequisite: INTR 181 with a grade of "C" or higher Corequisites: INTR 251 and INTR 262 and AAC 150 all with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/intr/#INTR_282)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12588 376 HYB	-----	-	01/20/15-05/22/15	Online	Storme S	20 of 20
	----F--	09:00-04:00 PM	01/23/15-01/23/15			
	----F--	09:00-04:00 PM	02/13/15-02/13/15			
	----F--	09:00-04:00 PM	03/06/15-03/06/15			
	----F--	09:00-04:00 PM	04/17/15-04/17/15			
	--W----	12:30-03:30 PM	05/06/15-05/06/15			

Kansas Senate Bill SB 155

Requirement: Department approval

Information Technology

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/spring/coursedescriptions/it/#IT_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11437 376 HYB	-T-----	10:00-11:50 AM	01/20/15-05/22/15	RC 350	Renfro T	15 of 15
	-----	-	01/20/15-05/22/15	Online		
	-T-----	01:00-02:50 PM	01/20/15-05/22/15	RC 350	Renfro T	15 of 15
	-----	-	01/20/15-05/22/15	Online		
	--W----	01:00-02:50 PM	01/21/15-05/22/15	RC 350	Renfro T	15 of 15

	-----	-	01/21/15-05/22/15	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						
11446 379 HYB	--W----	06:00-07:50 PM	01/21/15-05/22/15	RC 350	Faculty	15 of 15
	-----	-	01/21/15-05/22/15	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						
11448 380 HYB	---R---	10:00-11:50 AM	01/22/15-05/22/15	RC 350	Faculty	15 of 15
	-----	-	01/22/15-05/22/15	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						
11449 381 HYB	----F--	06:00-07:50 PM	01/23/15-05/22/15	RC 350	Holdsworth R	15 of 15
	-----	-	01/23/15-05/22/15	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						
11450 382 HYB	M-----	10:00-11:50 AM	01/26/15-05/22/15	RC 350	Al-Rawi A	15 of 15
	-----	-	01/26/15-05/22/15	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						
11451 383 HYB	M-----	06:00-07:50 PM	01/26/15-05/22/15	RC 350	Al-Rawi A	15 of 15
	-----	-	01/26/15-05/22/15	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						

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/spring/coursedescriptions/it/#IT_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11452 376 HYB	-T-----	10:00-11:50 AM	01/20/15-05/22/15	RC 352	Akkam M	15 of 15
	-----	-	01/20/15-05/22/15	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						
11453 377 HYB	-T-----	06:00-07:50 PM	01/20/15-05/22/15	RC 350	Faculty	15 of 15

01/20/15-05/22/15

Online

Kansas Senate Bill SB 155
Mandatory Classroom Meetings

11455 378 HYB	--W----	10:00-11:50 AM	01/21/15-05/22/15	RC 352	Akkam M	15 of 15
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01/21/15-05/22/15

Online

Mandatory Classroom Meetings
Kansas Senate Bill SB 155

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/spring/coursedescriptions/it/#IT_203)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11458 376 HYB	M-----	06:00-07:50 PM	01/26/15-05/22/15	RC 352	Syed M	15 of 15
	-----	-	01/26/15-05/22/15	Online		

Mandatory Classroom Meetings
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/spring/coursedescriptions/it/#IT_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11459 376 HYB	-T-----	01:00-02:50 PM	01/20/15-05/22/15	RC 352	Gordon J	15 of 15
	-----	-	01/20/15-05/22/15	Online		

Kansas Senate Bill SB 155
Mandatory Classroom Meetings

11460 377 HYB	-T-R---	06:00-07:50 PM	01/20/15-03/12/15	RC 340	Faculty	15 of 15
	-----	-	01/20/15-03/12/15	Online		

Mandatory Classroom Meetings

11464 378 HYB	--W----	06:00-07:50 PM	01/21/15-05/22/15	RC 352	Gordon J	15 of 15
	-----	-	01/21/15-05/22/15	Online		

Mandatory Classroom Meetings
 Kansas Senate Bill SB 155

11465 379 HYB	M-----	10:00-11:50 AM	01/26/15-05/22/15	RC 340	Gordon J	15 of 15
	-----	-	01/26/15-05/22/15	Online		

Kansas Senate Bill SB 155
 Mandatory Classroom Meetings

IT 209 - Scaling Networks

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/spring/coursedescriptions/it/#IT_209)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11469 376 HYB	--W----	10:00-11:50 AM	01/21/15-05/22/15	RC 350	Faculty	15 of 15
	-----	-	01/21/15-05/22/15	Online		

Kansas Senate Bill SB 155
 Mandatory Classroom Meetings

11472 377 HYB	---R---	06:00-07:50 PM	01/22/15-05/22/15	RC 350	Faculty	15 of 15
	-----	-	01/22/15-05/22/15	Online		

Kansas Senate Bill SB 155
 Mandatory Classroom Meetings

11475 378 HYB	----F--	06:00-07:50 PM	01/23/15-05/22/15	RC 352	Peterson M	15 of 15
	-----	-	01/23/15-05/22/15	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/spring/coursedescriptions/it/#IT_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11479 376 HYB	--W----	01:00-02:50 PM	01/21/15-05/22/15	RC 340	Gordon J	15 of 15
	-----	-	01/21/15-05/22/15	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						
11484 377 HYB	----F--	01:00-02:50 PM	01/23/15-05/22/15	RC 346	Mortell G	15 of 15
	-----	-	01/23/15-05/22/15	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						
11486 378 HYB	-T-R---	06:00-07:50 PM	03/24/15-05/14/15	RC 340	Faculty	15 of 15
	-----	-	03/24/15-05/14/15	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						

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/spring/coursedescriptions/it/#IT_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11487 376 HYB	M-W----	06:00-07:50 PM	01/21/15-03/11/15	RC 340	Carney R	15 of 15
	-----	-	01/21/15-03/11/15	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						
11488 377 HYB	----F--	06:00-07:50 PM	01/23/15-05/22/15	RC 340	Mortell G	15 of 15
	-----	-	01/23/15-05/22/15	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						

IT 228 - Exchange Server

This course is designed to provide network administrators with information that enhances their ability to manage an Exchange server network. Included are topics related to server and client mail management and server performance, e-mail concepts and advanced Internet networking. 2 hrs. lecture, 2 hrs. instructional lab, 1 hr. open lab/wk.

Credit Hours: 3

Prerequisite: IT 225

Outline (http://catalog.jccc.edu/spring/coursedescriptions/it/#IT_228)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11489 376 HYB	-T-----	06:00-07:50 PM	01/20/15-05/22/15	RC 346	Carney R	15 of 15
	-----	-	01/20/15-05/22/15	Online		

Kansas Senate Bill SB 155
Mandatory Classroom Meetings

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/spring/coursedescriptions/it/#IT_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11490 376 HYB	--W----	10:00-11:50 AM	01/21/15-05/22/15	RC 346	Faculty	15 of 15
	-----	-	01/21/15-05/22/15	Online		

Mandatory Classroom Meetings
Kansas Senate Bill SB 155

11492 377 HYB	---R---	06:00-07:50 PM	01/22/15-05/22/15	RC 346	Faculty	15 of 15
	-----	-	01/22/15-05/22/15	Online		

Kansas Senate Bill SB 155
Mandatory Classroom Meetings

11498 378 HYB	M-----	01:00-02:50 PM	01/26/15-05/22/15	RC 346	Gordon J	15 of 15
	-----	-	01/26/15-05/22/15	Online		

Kansas Senate Bill SB 155
Mandatory Classroom Meetings

11501 379 HYB	M-----	06:00-07:50 PM	01/26/15-05/22/15	RC 346	Golden T	15 of 15
	-----	-	01/26/15-05/22/15	Online		

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/spring/coursedescriptions/it/#IT_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11505 376 HYB	--W----	06:00-07:50 PM	01/21/15-05/22/15	RC 346	Fuller M	15 of 15
	-----	-	01/21/15-05/22/15	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						
11509 377 HYB	M-----	10:00-11:50 AM	01/26/15-05/22/15	RC 346	Faculty	15 of 15
	-----	-	01/26/15-05/22/15	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						

IT 232 - Linux Networking

This course is designed to provide students with information that enhances their ability to manage Linux systems in a networked environment. Included are topics related to configuring and managing network connectivity, and the installation, configuration, and securing of network services. 2 hrs. lecture, 2 hrs. instructional lab, 1 hr. open lab/wk.

Credit Hours: 4

Prerequisite: IT 231

Outline (http://catalog.jccc.edu/spring/coursedescriptions/it/#IT_232)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11512 376 HYB	---R---	01:00-02:50 PM	01/22/15-05/22/15	RC 346	Golden T	15 of 15
	-----	-	01/22/15-05/22/15	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						

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/spring/coursedescriptions/it/#IT_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11515 376 HYB	--W----	01:00-02:50 PM	01/21/15-05/22/15	RC 346	Carney R	15 of 15
	-----	-	01/21/15-05/22/15	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						
11518 377 HYB	M-W----	06:00-07:50 PM	03/23/15-05/13/15	RC 340	Carney R	15 of 15
	-----	-	03/23/15-05/13/15	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						

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/spring/coursedescriptions/it/#IT_247)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11519 376 HYB	-T-----	06:00-07:50 PM	01/20/15-05/22/15	RC 352	Al-Rawi A	15 of 15
	-----	-	01/20/15-05/22/15	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						
11523 377 HYB	---R---	01:00-02:50 PM	01/22/15-05/22/15	RC 350	Al-Rawi A	15 of 15
	-----	-	01/22/15-05/22/15	Online		
Kansas Senate Bill SB 155						

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/spring/coursedescriptions/it/#IT_251)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11525 376 HYB	---R---	10:00-11:50 AM	01/22/15-05/22/15	RC 352	Akkam M	15 of 15
	-----	-	01/22/15-05/22/15	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						
11531 377 HYB	---R---	06:00-07:50 PM	01/22/15-05/22/15	RC 352	Wehr W	15 of 15
	-----	-	01/22/15-05/22/15	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						

IT 256 - Windows Security

This course is designed to provide students with the skills and techniques to properly secure a Windows network. The topics will include building a Windows Active Directory infrastructure, securing the Windows Active Directory infrastructure and penetrating the infrastructure with current hacking tool kits. This course serves as a capstone course in the Windows track of the Information Technology Department. It is the last course in a series of six Windows classes. It takes concepts and skills learned in the pre-requisite Windows courses and ties them together focusing on securing a Windows network. 3 hrs. lecture, 2 hrs. open lab/wk.

Credit Hours: 4

Prerequisites: IT 225 and IT 245

Outline (http://catalog.jccc.edu/spring/coursedescriptions/it/#IT_256)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11532 376 HYB	-T-----	08:00-09:50 PM	01/20/15-05/22/15	RC 346	Carney R	15 of 15
	-----	-	01/20/15-05/22/15	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						

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/spring/coursedescriptions/it/#IT_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11533 500 INT	-----	-	01/20/15-05/22/15		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/spring/coursedescriptions/it/#IT_272)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11534 500 INT	-----	-	01/20/15-05/22/15		Akkam M	5 of 5

Kansas Senate Bill SB 155

Requirement: Department approval

Interior Design

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

ITMD 121 - Interior Design I

This course is an introduction to interior design. Upon successful completion of this course, the student should recognize the significance of interior design, apply the elements and principles of design and color theory, use the basis of the design process to solve a design problem and present design information visually and verbally in a professional manner. Finally identify the significance of sustainability in the built environment. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$50 to \$75

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_121\)](http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_121)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10779 001 F2F	-T-R---	10:30-11:45 AM	01/20/15-05/22/15	GEB 356	Grube K	20 of 20
Kansas Senate Bill SB 155						
10782 002 F2F	M-W----	03:30-04:45 PM	01/21/15-05/22/15	GEB 356	Grube K	20 of 20
Kansas Senate Bill SB 155						
10786 003 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	GEB 356	Wilson J	20 of 20
Kansas Senate Bill SB 155						

ITMD 125 - Interior Textiles

This course is an examination of textiles used in the built environment. Upon successful completion of this course, the student should be able to differentiate fibers, yarns and textiles according to their specific characteristics and to select appropriate textiles for applications. Specific course content includes properties and characteristics of natural and man-made fibers; yarn construction, textile construction methods; and various finishing processes. Furthermore, students will study the sustainability of these textile elements. The course will concentrate on textiles designed for interior built environment applications. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_125\)](http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10861 001 F2F	--W----	12:30-03:20 PM	01/21/15-05/22/15	GEB 351A	Randolph J	18 of 18
Kansas Senate Bill SB 155						

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 \(http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_127\)](http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10838 001 F2F	----F--	09:00-12:00 PM	01/23/15-03/13/15	GEB 361	Ryan D	18 of 18

ITMD 129 - Design Communications

This is an intermediate course focusing on artistic presentation techniques of 2D and 3D. Manual and digital drawing methods used in the interior design profession will be explored. Upon successful completion of this course, the student should demonstrate skill in conceptual and technical processes to convey visual information. Color palette use, light source and shading, surface and detail texturing and entourage will be used to successfully illustrate design solutions. Additionally the student will organize and demonstrate visual and verbal presentations to communicate a 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/spring/coursedescriptions/itmd/#ITMD_129)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10799 001 F2F	-T-R---	01:30-03:30 PM	01/20/15-05/22/15	GEB 356	Green D	18 of 18

Kansas Senate Bill SB 155

ITMD 132 - Materials and Resources

This course is an intermediate course focusing on the materials and resources used in the built environment. The student will evaluate the quality of materials; demonstrate the ability to locate and 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 materials; and compare the design, use, durability and cost of materials. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10864 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Kalkofen B	20 of 20

Co-requisite to enroll in

Enroll in both

Kansas Senate Bill SB 155 both

ITMD 147 - Lighting Basics

This course provides general knowledge about lighting design and planning. Upon successful completion of this course, the student should be able to define and use vocabulary relating to lighting design and planning. The student should be able to recognize and explain lighting application and technology used in the lighting industry. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisite: ITMD 121 with a grade of "C" or higher or FASH 125

Outline (http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_147)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10977 001 F2F	--W----	12:00-02:50 PM	01/21/15-02/18/15	GEB 361	Kalkofen B	4 of 4

Kansas Senate Bill SB 155

ITMD 185 - Construction Methods, Building Systems and Regulations for the Interior Designer

This course will focus on construction methods, building systems and regulations that affect the interior designer. Upon successful completion of this course, the student should be able to identify and articulate various construction assemblies, recognize building systems vs. interior systems and define the impact on the built environment, and understand regulations affecting the built environment. Furthermore, students will understand construction documents related to these portions of the built environment. Additionally, the student will be able to define and use vocabulary related to the built environment as well as identify and explain the importance of sustainable components in these portions of the built environment. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: DRAF 164 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_185)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10971 001 F2F	-T-----	10:30-01:15 PM	01/20/15-05/22/15	GEB 361	Green D	18 of 18

Kansas Senate Bill SB 155

11371 002 F2F	---R---	10:30-01:15 PM	01/22/15-05/22/15	GEB 361	Green D	18 of 18
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Kansas Senate Bill SB 155

ITMD 202 - Interior Design II

This course focuses on the design process. Upon successful completion of this course, the student should be able to define and apply the design process from programming through design development to effectively solve a design problem. The design solutions will also incorporate anthropometrics, proxemics and universal design elements. The course will introduce students to varying psychological dynamics and how they will affect the built environment. Furthermore, the student will incorporate National Kitchen and Bath (NKBA) standards and sustainable concepts as required for the design solution. Design solutions will be presented in verbal and visual formats appropriate for interior design. 4 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$50-\$75

Prerequisite: ITMD 121 with "C" or higher and DRAF 164 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_202)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10957 001 F2F	--W----	08:00-12:00 PM	01/21/15-05/22/15	GEB 356	Grube K	18 of 18
Kansas Senate Bill SB 155						
10959 002 F2F	-T-R---	03:45-05:45 PM	01/20/15-05/22/15	GEB 356	Grube K	18 of 18
Kansas Senate Bill SB 155						

ITMD 215 - Environmental Systems for the Interior Designer

This is an intermediate course focusing on environmental systems such as: lighting design, acoustical design, thermal design and indoor air quality as it effects the interior designer's decisions in the built environment. Upon successful completion of this course, the student should be able to define and use vocabulary relating to environmental systems, recognize and explain environmental systems application and technology, and understand environmental systems impact on human behavior. The student should be able to identify and describe proper fixtures and equipment for lighting environmental systems and understand proper designs for specific applications. Furthermore, students will learn the significant impact sustainable practices have on environmental systems. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ITMD 185 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10976 001 F2F	--W----	12:00-02:50 PM	01/21/15-05/22/15	GEB 361	Kalkofen B	14 of 14
Kansas Senate Bill SB 155						

ITMD 219 - Issues in Interior Design

This course is designed to educate the student on the current issues that affect the interior design profession such as environmental design, green/sustainable design and universal design, etc. These topics may vary based on current industry concerns. Upon successful completion of this course, the student should be able to identify, explain and analyze ramifications to the industry that arise from the economy, politics and social culture. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ITMD 121 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_219)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10863 001 F2F	--W----	08:00-10:45 AM	01/21/15-05/22/15	GEB 351A	Kalkofen B	18 of 18
Kansas Senate Bill SB 155						

ITMD 222 - Interior Design III

This is an advanced course focusing on applying the design process to solve a design problem. 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 proficiently apply the design process in layout and specification formats. In addition, the student will present aesthetic and technical information as required by the design problem. Students will also incorporate the use of sustainable guidelines to solve a design problem. The student will also demonstrate an understanding of business practices. 4 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$50-\$100

Prerequisites: DRAF 264 with a grade of "C" or higher and ITMD 202 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_222)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10951 001 F2F	M-----	10:00-02:00 PM	01/26/15-05/22/15	GEB 356	Erwin H	18 of 18

Kansas Senate Bill SB 155

ITMD 224 - Interior Design IV

This is an advanced course focusing on using an "evidence based design" approach. Upon successful completion of this course, the student will be able to describe and apply general and specific programming tasks, understand research methods used in design, analyze style and historic value, define contextual elements related to the built environment, understand the implementation of sustainability throughout the approach, apply human factors and philosophies to design solution, and understand the different approaches to various design categories. 4 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$75

Prerequisite: DRAF 264 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_224)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10953 001 F2F	-T-R---	08:00-10:00 AM	01/20/15-05/22/15	GEB 356	Green D	18 of 18

Kansas Senate Bill SB 155

ITMD 231 - History of Interior Design II

This course is an examination of the built environments from approximately the Renaissance to the 20th century. Upon successful completion of this course, the student will be able to analyze and compare elements of the built environment including but not limited to: architecture, interiors, furniture, ornamentation, design motifs and textiles of historical periods from the Renaissance to the 20th century. Additionally, the student should discover the social, religious and political influences on the built environment of each period. The student should also be able to identify the craftsmanship and materials used in the construction techniques of each historical period and correctly use vocabulary related to each era. 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/spring/coursedescriptions/itmd/#ITMD_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10865 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Green D	20 of 20

Enroll in both

Kansas Senate Bill SB 155 both

ITMD 235 - Kitchen and Bath Advanced

This is an advanced course in kitchen and bath design, planning and management. Upon successful completion of this course, the student will be able to produce drawings using appropriate graphic and presentation standards, develop written and verbal design statement to substantiate projects, demonstrate product, material, style, type and construction method knowledge, communicate and recommended installation procedures, understand selection, specification and ordering of products as it relates to cost, energy, safety and design. Students will also analyze sustainability within a kitchen and bath project. 4 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$75

Prerequisite: ITMD 233 with a grade of 'C' or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10966 001 F2F	---F--	10:00-12:20 PM	01/23/15-05/22/15	GEB 356	Scott M	18 of 18
	---F--	12:30-02:30 PM	01/23/15-05/22/15	GEB 351A		

Kansas Senate Bill SB 155

ITMD 239 - Capstone: Interior Design

This course is a culmination of the Interior Design Program course work. It should be taken in conjunction with or after completion of the final interior courses or in the graduating semester. Upon successful completion of this course, the student will 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 knowledge from program courses. 2 hrs. lecture/wk.

Credit Hours: 2

Associated Costs: \$75 to \$100

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_239)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10803 001 F2F	---F--	08:00-09:50 AM	01/23/15-05/22/15	GEB 356	Green D	15 of 15

ITMD 271 - Budgeting and Estimating

Upon successful completion of this course, the student will demonstrate an ability to measure accurately for project components, apply cost parameters to project components, effectively prepare material and labor cost estimate analysis, understand cost controls such as value engineering, and evaluate sustainable material and labor cost. Students will use interior design business procedures and documents to complete project analysis. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: ITMD 132 with a grade of "C" or higher and ITMD 125 with a grade of "C" or higher and MATH 120 (or higher) with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10796 001 F2F	M-----	01:00-03:45 PM	01/26/15-05/22/15	GEB 351A	Kalkofen B	18 of 18

Kansas Senate Bill SB 155

ITMD 273 - Practices and Procedures

Upon successful completion of this course, the student will be able to use proper interior design industry terminology, appropriate business forms and contracts, define the types of business legal structures and solve business organizational and ethical problems. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: ITMD 271 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_273)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10862 001 F2F	M-----	08:00-09:45 AM	01/26/15-05/22/15	GEB 351A	Bailey J	18 of 18

ITMD 280 - Leadership in Design

Upon successful completion of this course, the student should be able to identify leadership skills necessary for 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. These topics will be discussed in relationship to sustainability issues. Students desiring leadership opportunities in professional organizations are encouraged to enroll. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisite: ITMD 121 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_280)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10978 001 F2F	---R---	10:30-11:45 AM	03/05/15-05/14/15	GEB 351A	Erwin H	18 of 18

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 160 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/spring/coursedescriptions/itmd/#ITMD_282)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10866 500 INT	-----	-	01/20/15-05/22/15	GEB	Kalkofen B	40 of 40

Kansas Senate Bill SB 155

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 160 hours per semester of on-the-job training is required.

Credit Hours: 1

Prerequisites: ITMD 121 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_284)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10868 500 INT	-----	-	01/20/15-05/22/15	GEB	Kalkofen B	40 of 40

Kansas Senate Bill SB 155

Journalism/Media Communication

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/spring/coursedescriptions/jour/#JOUR_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10148 001 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CC 324	Rose T	24 of 24
10149 002 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CC 324	Rose T	24 of 24
10150 003 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	CC 324	McWard J	24 of 24
10151 004 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CC 324	McWard J	24 of 24
10152 005 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	LIB 305	Schulte M	22 of 22
10153 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Haas J	25 of 25
10154 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Haas J	25 of 25

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/spring/coursedescriptions/jour/#JOUR_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10155 001 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	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/spring/coursedescriptions/jour/#JOUR_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10158 001 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	LIB 352	Thum G	24 of 24

Kansas Senate Bill SB 155

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/spring/coursedescriptions/jour/#JOUR_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10163 001 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	CC 314	Baumgardner M	24 of 24
Kansas Senate Bill SB 155						
12816 002 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	LIB 305	Nichols J	22 of 22
Kansas Senate Bill SB 155						

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/spring/coursedescriptions/jour/#JOUR_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10160 001 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	LIB 352	Thum G	25 of 25
10161 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Thum G	25 of 25

JOUR 145 - Photojournalism

This course is designed to meet the photographic needs of journalism students. It provides a journalistic approach to the concepts and application of photography for multimedia. Students will use cameras, computers and software to master the issues, concepts and constraints involved in creating images for a broad range of media. They will prepare and format digitized image files for storage and transmission, and print and Web-based reproduction. 3 hrs. lecture/wk.

Note: Student must provide his/her own digital camera and memory(s).

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/jour/#JOUR_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12863 001 F2F	M-----	06:00-08:50 PM	01/20/15-05/22/15	LIB 373	Schulte M	12 of 12

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/spring/coursedescriptions/jour/#JOUR_202)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10164 001 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	COM 252	Baumgardner M	12 of 12
10165 002 F2F	--W----	06:00-08:50 PM	01/20/15-05/22/15	COM 252	Nichols J	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/spring/coursedescriptions/jour/#JOUR_207)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10166 001 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	COM 252	Messner B	14 of 14
Kansas Senate Bill SB 155						
10167 002 F2F	---R---	06:00-08:50 PM	01/22/15-05/22/15	COM 252	Groves M	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/spring/coursedescriptions/jour/#JOUR_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10157 001 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CC 329	Crable C	24 of 24

JOUR 222 - Advanced Reporting

This course is designed to sharpen the discernment, critical thinking and writing skills of student journalists. Specific English language rules and principles plus AP news writing style will be emphasized in the production of incisive, well-defined features, profiles, reviews, editorials and personal columns. Professional writings in various media will be examined and critiqued. Class members will have the opportunity to participate in hands-on video shooting and editing of a news story package. Students will gain additional experience by participating in news events, as well as interacting with area media professionals. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: JOUR 122

Outline (http://catalog.jccc.edu/spring/coursedescriptions/jour/#JOUR_222)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10156 001 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	LIB 357	Crable C	20 of 20

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/spring/coursedescriptions/jour/#JOUR_227)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10170 001 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	COM 260	Petrie J	14 of 14

Kansas Senate Bill SB 155

10171 002 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	COM 260	Petrie J	14 of 14
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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/spring/coursedescriptions/jour/#JOUR_242)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10168 001 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	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/spring/coursedescriptions/jour/#JOUR_247)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10172 001 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	COM 260	Petrie J	14 of 14

Kansas Senate Bill SB 155

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/spring/coursedescriptions/jour/#JOUR_252)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10169 001 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	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/spring/coursedescriptions/jour/#JOUR_257)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10173 001 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	COM 260	Petrie J	14 of 14

Kansas Senate Bill SB 155

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/spring/coursedescriptions/jour/#JOUR_267)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12835 001 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	COM 260	Petrie J	14 of 14

Kansas Senate Bill SB 155

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/spring/coursedescriptions/jour/#JOUR_269)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10174 500 INT	-----	-	01/20/15-05/22/15		Thum G	10 of 10

Note: Students meet in Professor Thum's office in GEB 165B. For more information on Journalism internships, please contact Prof. Thum, gthum@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/spring/coursedescriptions/jour/#JOUR_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10175 500 INT	-----	-	01/20/15-05/22/15		Thum G	10 of 10

Note: Students meet in Professor Thum's office in GEB 165B. For more information on Journalism internships, please contact Prof. Thum, gthum@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/spring/coursedescriptions/jour/#JOUR_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10176 500 INT	-----	-	01/20/15-05/22/15		Thum G	10 of 10

Note: Students meet in Professor Thum's office in GEB 165B. For more information on Journalism internships, please contact Prof. Thum, gthum@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/spring/coursedescriptions/law/#LAW_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11254 001 F2F	M-----	07:00-09:50 PM	01/26/15-05/22/15	GEB 379	Manlove H	22 of 22
Kansas Senate Bill SB 155						
11255 002 F2F	--W----	04:00-06:50 PM	01/21/15-05/22/15	CC 324	Williams G	24 of 24
Kansas Senate Bill SB 155						
11256 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Fordham N	22 of 22
Kansas Senate Bill SB 155						
11257 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Fordham N	22 of 22
Kansas Senate Bill SB 155						

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/spring/coursedescriptions/law/#LAW_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11258 001 F2F	M-----	06:00-06:50 PM	01/26/15-05/22/15	CC 329	Manlove H	22 of 22
Kansas Senate Bill SB 155						
11259 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Manlove H	22 of 22
Kansas Senate Bill SB 155						
11260 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Manlove H	22 of 22
Kansas Senate Bill SB 155						

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

Requirements: Admission to the Paralegal Program and Prerequisite: LAW 121 or department chair approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/law/#LAW_132)

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

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/spring/coursedescriptions/law/#LAW_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11262 001 F2F	M-----	12:00-02:50 PM	01/26/15-05/22/15	GEB 379	Nadlman J	22 of 22

Kansas Senate Bill SB 155

11263 002 F2F	-T-----	07:00-09:30 PM	01/20/15-05/22/15	GEB 379	Nadlman J	22 of 22
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Kansas Senate Bill SB 155

LAW 152 - Real Estate Law

Upon successful completion of this course, the student should be able to describe common types of real estate transactions and conveyances. The preparation of legal instruments, namely deeds, contracts, leases and mortgages will be studied. 3 hrs. lecture/wk.

Credit Hours: 3

Requirements: Admission to the Paralegal Program or department chair approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/law/#LAW_152)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11265 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Hawk G	22 of 22

LAW 162 - Family Law

Upon successful completion of this course, the student should be able to describe the substantive and procedural principles of family law, including issues related to adoption, divorce, custody, support and visitation. The student will also be able to draft pleadings including petition for divorce, petition for adoption, decrees, settlement agreements and motions for modification. 3 hrs. lecture/wk.

Credit Hours: 3

Requirements: Admission to the Paralegal Program or department chair approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/law/#LAW_162)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11266 001 F2F	--W----	07:00-09:50 PM	01/21/15-05/22/15	CC 324	Williams G	24 of 24

Kansas Senate Bill SB 155

LAW 175 - Environmental Policy and Law

This course is a survey course in environmental regulation and will provide an overview of key environmental laws including major provisions of the National Environmental Policy Act (NEPA), the Clean Water Act (CWA), the Clean Air Act (CAA), the Resource Conservation and Recovery Act (RCRA), the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and The Endangered Species Act (ESA). 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/law/#LAW_175)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11920 001 F2F	-T-----	12:00-02:50 PM	01/20/15-05/22/15		Williams D	24 of 24

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

Requirements: Admission to the Paralegal Program or department chair approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/law/#LAW_195)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11271 376 HYB	-T-----	04:00-04:50 PM	01/20/15-05/22/15	GEB 379	Fordham N	22 of 22
	-----	-	01/20/15-05/22/15	Online		

Kansas Senate Bill SB 155

11272 377 HYB	-T-----	06:00-06:50 PM	01/20/15-05/22/15	GEB 379	Fordham N	22 of 22
	-----	-	01/20/15-05/22/15	Online		

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.

Note: Students in the Paralegal Program must take LAW 134. Students in the Legal Administrative Assistant Certificate Program must take BOT 106.

Credit Hours: 3

Associated Costs: \$10

Prerequisite: LAW 134 or BOT 106

Outline (http://catalog.jccc.edu/spring/coursedescriptions/law/#LAW_201)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11268 001 F2F	--W----	07:00-09:50 PM	01/21/15-05/22/15	GEB 379	Krieger K	22 of 22
Kansas Senate Bill SB 155						
11885 002 F2F	--W----	04:00-06:50 PM	01/21/15-05/22/15	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

Requirements: Admission to the paralegal program or department chair approval and Prerequisite: LAW 195

Outline (http://catalog.jccc.edu/spring/coursedescriptions/law/#LAW_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11269 376 HYB	-----	-	01/20/15-05/22/15	Online	Nadlman J	22 of 22
	M-----	04:00-04:50 PM	01/26/15-05/22/15	GEB 379		
Kansas Senate Bill SB 155						
11270 377 HYB	-----	-	01/20/15-05/22/15	Online	Nadlman J	22 of 22
	M-----	06:00-06:50 PM	01/26/15-05/22/15	GEB 379		
Kansas Senate Bill SB 155						

LAW 226 - Immigration Law

Upon successful completion of this course, the student will be able to explain the various aspects of immigration law. The emphasis in the course is on the functions of the paralegal in an immigration law practice and on the preparation of related documents. 3 hrs. lecture/wk.

Credit Hours: 3

Requirements: Admission to the Paralegal Program or department chair approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/law/#LAW_226)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11921 001 F2F	---R---	04:00-06:50 PM	01/22/15-05/22/15	CC 329	Tebbe A	24 of 24

LAW 247 - Intellectual Property Law

In this course, students will learn the various forms of intellectual property. The emphasis in the course is on the functions of the paralegal in an intellectual law practice and on the preparation of related documents. 3 hrs. lecture/wk.

Credit Hours: 3

Requirements: Admission to the Paralegal Program or department chair approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/law/#LAW_247)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11922 350 ONLINE	-----	-	01/20/15-05/22/15	Online	Nadlman J	22 of 22

LAW 266 - Employment Law

This course examines the relationship between employer and employee. Major federal and state employment laws will be examined, including Title VII of the Civil Rights Act of 1964, the Age Discrimination Employment Act and the Americans with Disabilities Act. 3 hrs. lecture/wk.

Credit Hours: 3

Requirements: Admission to the Paralegal Program or department chair approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/law/#LAW_266)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12802 001 F2F	-T-----	07:00-09:50 PM	01/20/15-05/22/15	CC 352	Tebbe A	22 of 22

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 investigate the facts as part of a legal analysis or proceedings. A major emphasis will be on recognition of ethical problems commonly encountered and the development of interviewing and investigating skills. The course is also designated as the capstone course for the paralegal program. The course will draw the student's paralegal learning together and provide a unique opportunity to demonstrate that he/she has accomplished the

program's educational goals. This opportunity will focus on reviewing and finalizing the student's e-portfolio. 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: Admission to the Paralegal Program and Prerequisite or Corequisite: LAW 205 or department chair approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/law/#LAW_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11275 002 F2F	---R---	07:00-09:50 PM	01/22/15-05/22/15	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

Requirements: Admission to the Paralegal Program or department chair approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/law/#LAW_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11276 500 INT	-----	-	01/20/15-05/22/15		Tebbe A	30 of 30

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/spring/coursedescriptions/law/#LAW_276)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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
11916 001 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CLB 211	McChesney T	60 of 60
	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CLB 211		

Enroll in both MATH 115 (CRN 11908) and MATH 116 (CRN 11909)

Note: For LCOM 099-001, you must enroll in both MATH 115-170 (CRN 11908) and MATH 116-170 (CRN 11909). 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.

11917 002 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CLB 209	Faculty	48 of 48
	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CLB 209		

Enroll in both MATH 115 (CRN 11910) and MATH 116 (CRN 11911)

Note: For LCOM 099-002, you must enroll in both MATH 115-171 (CRN 11910) and MATH 116-171 (CRN 11910). 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.

11918 003 F2F	-T-R---	06:00-07:15 PM	01/20/15-05/22/15	CLB 205	Caldwell B	60 of 60
	-T-R---	07:30-08:45 PM	01/20/15-05/22/15	CLB 205		

Enroll in both MATH 115 (CRN 11912) and MATH 116 (CRN 11913)

Note: For LCOM 099-003, you must enroll in both MATH 115-172 (CRN 11912) and MATH 116-172 (CRN 11913). 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
11535 001 F2F	M-W-F--	12:00-01:15 PM	01/21/15-05/22/15	OCB 308	Faculty	30 of 30

Enroll in both LS 174 (CRN 11536) and MATH 120 (CRN 11999)

Note: For LCOM 120, you must enroll in both MATH 120 030 (CRN 11999) and LS 174 001 (CRN 11536). 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
11537 001 F2F	M-W-F--	02:00-03:15 PM	01/21/15-05/22/15	OCB 308	Faculty	30 of 30

Enroll in both LS 174 (CRN 11538) and MATH 115 (CRN 11897)

Note: For LCOM 155, you must enroll in both MATH 115 032 (CRN 11897) and LS 174 002 (CRN 11538). 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

Leadership

LEAD 130 - Leadership & Civic Engagement

This course is designed to help students develop the capacity and confidence for leadership in their personal, professional, and civic activities. The course focuses on the study of essential components and concepts of leadership, examination of characteristics and skills of effective historic and contemporary leaders, analysis of leadership skills and responsibilities in community settings, identification of personal leadership goals and standards, and development of competencies needed to meet community and global challenges in an informed, innovative, and responsible manner. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/lead/#LEAD_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12606 002 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	GEB 238	Edmonds B Smith M	18 of 18

Legal Interpreting

LI 130 - Introduction to Legal 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.

Credit Hours: 3

Prerequisite: Director approval and corequisite: LI 140 and Prerequisite or corequisite: LAW 121

Outline (http://catalog.jccc.edu/spring/coursedescriptions/li/#LI_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12640 001 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	CC 229	Renna M	12 of 12

Requirement: Department approval

LI 140 - Legal Interpreting Skills I

This course develops students' skills in sight translation and consecutive interpreting. Listening and memory skills, communication strategies and intervention techniques 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 and Spanish. 3 hrs. lecture/wk.

Credit Hours: 3

Corequisite: LI 130 and Prerequisite or Corequisite: LAW 121

Outline (http://catalog.jccc.edu/spring/coursedescriptions/li/#LI_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12641 001 F2F	---R---	06:00-08:50 PM	01/22/15-05/22/15	CC 316	Steck M	12 of 12

LI 180 - Legal Interpreting Practicum

Students will observe and interpret at assigned legal facilities, participate in class discussions about their interpreting experiences and develop a personal philosophy of interpreting. Both classroom meetings and fieldwork are required for this class. 1 hr. lecture, 3hrs. field study/ wk.

Credit Hours: 2

Associated Costs: \$20

Prerequisites: LI 130 and LI 140 and LI 150 and LI 160 and LI 170 and LAW 121

Outline (http://catalog.jccc.edu/spring/coursedescriptions/li/#LI_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12642 376 HYB	-T-----	05:00-05:55 PM	01/20/15-05/22/15	GEB 281	Renna M	12 of 12
	-----	-	01/20/15-05/22/15	Online		

Kansas Senate Bill SB 155

Requirement: Department approval

Library

LIBR 125 - Introduction to Library Research

This course provides an introduction to the methods and technologies of library research. Included will be a study of the various information resources available for research and techniques for retrieving information from both print and electronic sources. The resources of Billington Library will be featured, although the emphasis will be on building information retrieval skills that will be useful in many settings. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/spring/coursedescriptions/libr/#LIBR_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12871 001 ONLNE	-----	-	02/16/15-04/19/15	Online	Vaughn J	20 of 20

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/spring/coursedescriptions/lis/#LS_174)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11536 001 F2F	M-W-F--	12:55-01:15 PM	01/21/15-05/22/15	OCB 308	Faculty	30 of 30
Enroll in both MATH 120 (CRN 11999)						
Co-requisite to enroll in MATH 120 (CRN 11999)						
Note: Students enrolling in LS 174 001 (CRN 11536) must also enroll in MATH 120 030 (CRN 11999). 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.						
11538 002 F2F	M-W-F--	02:55-03:15 PM	01/21/15-05/22/15	OCB 308	Faculty	30 of 30
Co-requisite to enroll in MATH 115 (CRN 11897)						
Enroll in both MATH 115 (CRN 11897)						
Note: Students enrolling in LS 174 002 (CRN 11538) must also enroll in MATH 115 032 (CRN 11897). 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.						
11546 003 F2F	M-W-F--	10:00-10:50 AM	02/02/15-03/13/15	LIB 305	Faculty	15 of 15
11547 004 F2F	M-W-F--	12:00-12:50 PM	02/02/15-03/13/15	LIB 303	Faculty	14 of 14
11548 005 F2F	-T-R---	11:00-12:15 PM	02/03/15-03/12/15	LIB 303	Kanter F	14 of 14
12057 006 F2F	M-W-F--	01:00-01:50 PM	02/16/15-04/08/15	LIB 303	Faculty	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/spring/coursedescriptions/lis/#LS_176)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11549 001 F2F	M-W-F--	09:00-09:50 AM	02/02/15-03/13/15	LIB 305	Mann V	15 of 15

11550 002 F2F	M-W-F--	11:00-11:50 AM	02/02/15-03/13/15	LIB 303	Mann V	14 of 14
11572 003 F2F	-T-R---	09:30-10:45 AM	02/03/15-03/12/15	LIB 303	Kanter F	14 of 14
12062 008 F2F	M-W-F--	12:00-12:50 PM	03/23/15-05/01/15	LIB 303	Mann V	14 of 14
12063 009 F2F	-T-R---	12:30-01:45 PM	03/24/15-04/30/15	LIB 303	Faculty	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/spring/coursedescriptions/ls/#LS_178)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11573 001 F2F	M-W-F--	10:00-10:50 AM	02/02/15-03/13/15	LIB 303	Mann V	14 of 14
11574 002 F2F	-T-R---	11:00-12:15 PM	02/03/15-03/12/15	LIB 305	Ackelson M	15 of 15
12064 003 F2F	M-W-F--	09:00-09:50 AM	03/23/15-05/01/15	LIB 305	Mann V	15 of 15
12065 004 F2F	M-W-F--	11:00-11:50 AM	03/23/15-05/01/15	LIB 305	Mann V	15 of 15
12066 005 F2F	-T-R---	09:30-10:45 AM	03/24/15-04/30/15	LIB 303	Kanter F	14 of 14

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/spring/coursedescriptions/ls/#LS_186)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11575 001 F2F	M-W-F--	11:00-11:50 AM	02/02/15-03/13/15	LIB 305	Ackelson M	15 of 15

11576 002 F2F	-T-R---	02:00-03:15 PM	02/03/15-03/12/15	LIB 303	Ackelson M	14 of 14
12067 003 F2F	M-W-F--	10:00-10:50 AM	03/23/15-05/01/15	LIB 305	Mann V	15 of 15
12068 004 F2F	-T-R---	11:00-12:15 PM	03/24/15-04/30/15	LIB 303	Kanter F	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/spring/coursedescriptions/lis/#LS_200)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11577 001 F2F	M-W-F--	12:00-12:55 PM	02/02/15-05/22/15	LIB 305	Ackelson M	15 of 15
11578 002 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	LIB 305	Ackelson M	15 of 15
11579 003 F2F	-T-R---	12:30-01:55 PM	02/03/15-05/22/15	LIB 305	Ackelson M	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/spring/coursedescriptions/math/#MATH_111)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11846 001 F2F	MTWRF--	11:00-11:50 AM	01/21/15-05/22/15	OCB 308	Krulewich D	24 of 24
Note: MATH 111-001 meets 5 hours a week enabling students to learn Fundamentals of Mathematics material at a slower pace.						
11847 010 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	GEB 381	Faculty	24 of 24
11848 011 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	GEB 381	Dunham J	24 of 24
11850 030 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	GEB 313	Faculty	24 of 24
11851 050 F2F	M-W----	06:00-07:15 PM	01/21/15-05/22/15	CLB 205	Voss-Schoonover L	24 of 24
11853 060 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	GEB 381	Kempker K	24 of 24
11855 061 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	GEB 381	Kempker K	24 of 24
11856 080 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	GEB 381	Mages M	24 of 24
11858 081 F2F	-T-R---	03:30-04:45 PM	01/20/15-05/22/15	GEB 381	Faculty	24 of 24
11859 100 F2F	M-----	03:00-05:50 PM	01/26/15-05/22/15	CLB 203	Whitford L	24 of 24
11861 140 F2F	----F--	06:00-08:50 PM	01/23/15-05/22/15	CLB 213	Faculty	24 of 24
11864 150 F2F	----S-	09:00-11:50 AM	01/24/15-05/22/15	CLB 203	Ruch C	24 of 24
11865 200 F2F	-T-----	06:00-09:00 PM	02/03/15-05/22/15	 LCS	Greenwood J	20 of 20
11866 280 F2F	M-W-F--	10:00-10:55 AM	02/02/15-05/22/15	GEB 381	Faculty	15 of 15
11867 290 F2F	-T-R---	06:00-07:45 PM	02/17/15-05/22/15	GEB 381	Deas M	15 of 15
11868 350 ONLNE	-----	-	01/20/15-05/22/15	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.						
11869 351 ONLNE	-----	-	01/20/15-05/22/15	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.						
11870 370 ONLNE	-----	-	02/02/15-05/22/15	Online	Fischer E	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.						
11871 375 ONLNE	-----	-	02/16/15-05/22/15	Online	Colburn 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.

11872 450 SEL ----- - 01/20/15-12/13/15 Self Paced Deas M 5 of 5

Note: Students can begin their study in this self-paced math course at any time between November 1, 2014 and March 31, 2015, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Mary Deas, at 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/spring/coursedescriptions/math/#MATH_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11886 001 F2F	MTWRF--	01:00-01:50 PM	01/20/15-05/22/15	CLB 402	Dotson G	24 of 24
Note: MATH 115-001 meets 5 hours a week enabling students to learn Elementary Algebra material at a slower pace.						
11889 010 F2F	M-W-F--	07:00-07:50 AM	01/21/15-05/22/15	CLB 213	Faculty	24 of 24
11890 011 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	CLB 203	Asner V	30 of 30
11891 012 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	GEB 340	Thompson J	30 of 30
11892 013 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CLB 207	Faculty	30 of 30
11893 014 F2F	M-W-F--	10:00-10:55 AM	01/21/15-05/22/15	CLB 203	Faculty	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 nancyc@jccc.edu .						
11894 015 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CLB 403	Faculty	30 of 30
11895 030 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	GEB 340	Dunham J	30 of 30

11896 031 F2F	M-W-F--	01:00-01:55 PM	01/21/15-05/22/15	CLB 203	Faculty	26 of 26
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Note: Math 115-031 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.

11897 032 F2F	M-W-F--	02:00-02:50 PM	01/21/15-05/22/15	OCB 308	Faculty	30 of 30
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Co-requisite to enroll in LS 174 (CRN 11538)

Note: Students enrolling in MATH 115 032 (CRN 11897) must also enroll in LS 174 002 (CRN 11538). 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.

12887 033 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	OCB 332	Edmonds B	26 of 26
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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 or veteranservices@jccc.edu.

Requirement: Department approval

12348 040 F2F	M-W----	04:00-06:50 PM	03/30/15-05/22/15		Witt M	24 of 24
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Two x 2 x 2

Math 115-040 is an eight-week class and part of the new Two-by-Two Degree. It moves twice as fast in half the time so students can complete the class by mid-semester. The class is open to all students who have completed the required pre-requisites.

11898 050 F2F	M-W----	06:00-07:25 PM	01/21/15-05/22/15	CLB 203	Thomas M	26 of 26
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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.

11899 060 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	OCB 332	Faculty	26 of 26
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11900 061 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	OCB 308	Jensen J	24 of 24
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11901 062 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CLB 207	Wang S	30 of 30
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11902 080 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CLB 207	Jensen J	30 of 30
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11903 082 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	CLB 403	Hughes D	30 of 30
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11904 083 F2F	-T-R---	04:30-05:45 PM	01/20/15-05/22/15	CLB 211	Hughes D	30 of 30
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11905 090 F2F	-T-R---	06:00-07:15 PM	01/20/15-05/22/15	OCB 332	Worthy M	26 of 26
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11906 120 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	GEB 315	Phillips V	30 of 30
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11907 140 F2F	----F--	06:00-08:50 PM	01/23/15-05/22/15	CLB 211	Cobb D	30 of 30
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11908 170 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CLB 211	McChesney T	60 of 60
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Co-requisite to enroll in MATH 116 (CRN 11909)

Note: For Math 115-170 you must enroll in both Math 115-170 (CRN 11908) and MATH 116-170 (CRN 11909). 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.

11910	171 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CLB 209	Siebert K	48 of 48
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Co-requisite to enroll in MATH 116 (CRN 11911)


Note: For Math 115-171 you must enroll in both Math 115-171 (CRN 11910) and MATH 116-171 (CRN 11911). 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.

11912	172 F2F	-T-R---	06:00-07:15 PM	01/20/15-05/22/15	CLB 205	Caldwell B	60 of 60
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Co-requisite to enroll in MATH 116 (CRN 11913)

Note: For Math 115-172 you must enroll in both Math 115-172 (CRN 11912) and MATH 116-172 (CRN 11913). 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.

11944	200 F2F	M-----	09:00-12:00 PM	02/02/15-05/22/15	 LCS	Faculty	20 of 20
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11945	201 F2F	M-----	06:00-09:00 PM	02/02/15-05/22/15	 LCS	Fischer E	20 of 20
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11946	280 F2F	M-W-F--	11:00-11:55 AM	02/02/15-05/22/15	OCB 332	Faculty	15 of 15
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11947	290 F2F	M-W----	06:00-07:45 PM	02/16/15-05/22/15	GEB 381	Faculty	15 of 15
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11948	350 ONLNE	-----	-	01/20/15-05/22/15	Online	Dunham J	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.

11949	351 ONLNE	-----	-	01/20/15-05/22/15	Online	Dunham J	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.

11950	360 ONLNE	-----	-	01/20/15-03/15/15	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.

11951	370 ONLNE	-----	-	02/02/15-05/22/15	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 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.

11952 375 ONLNE	-----	-	02/16/15-05/22/15	Online	Sutherlin C	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.

11953 450 SEL	-----	-	01/20/15-12/13/15	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 November 1, 2014 and March 31, 2015, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Mary Deas, at 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/spring/coursedescriptions/math/#MATH_116)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11954 001 F2F	MTWRF--	10:00-10:50 AM	01/20/15-05/22/15	CLB 403	Fortino L	24 of 24

Note: MATH 116-001 meets 5 hours a week enabling students to learn Intermediate Algebra material at a slower pace.

11955 010 F2F	M-W-F--	07:00-07:50 AM	01/21/15-05/22/15	CLB 203	Cobb D	30 of 30
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11956 011 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	GEB 340	Herd R	30 of 30
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11957 012 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CLB 205	Lefert K	30 of 30
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11958 013 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CLB 207	Wang S	30 of 30
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11959 014 F2F	M-W-F--	10:00-10:55 AM	01/21/15-05/22/15	GEB 313	Dunham J	24 of 24
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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 nancyc@jccc.edu.

11960 015 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CLB 211	Wang S	30 of 30
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11961 016 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CLB 207	Dunaway J	30 of 30
11962 030 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	CLB 203	Lefert K	30 of 30
11963 031 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	CLB 207	Faculty	30 of 30
11964 032 F2F	M-W-F--	01:00-01:55 PM	01/21/15-05/22/15	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 nancyc@jccc.edu.

11965 033 F2F	M-W-F--	02:00-02:50 PM	01/21/15-05/22/15	CLB 203	Faculty	30 of 30
12349 040 F2F	M-W----	04:00-06:50 PM	03/30/15-05/22/15		Faculty	24 of 24

Two x 2 x 2

Math 116-040 is an eight-week class and part of the new Two-by-Two Degree. It moves twice as fast in half the time so students can complete the class by mid-semester. The class is open to all students who have completed the required pre-requisites.

11966 050 F2F	M-W----	06:00-07:25 PM	01/21/15-05/22/15	GEB 313	Irfan S	24 of 24
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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.

11970 060 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	CLB 203	Faculty	30 of 30
11971 061 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	GEB 313	Fischer E	30 of 30
11972 062 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CLB 209	Hills M	24 of 24
11973 063 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	GEB 340	Byrne M	30 of 30
11974 064 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CLB 403	Barlow R	30 of 30
11975 065 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CLB 203	Kennett J	30 of 30
11976 080 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CLB 403	Kennett J	30 of 30
11977 081 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	 OHEC 105	Faculty	24 of 24
11978 082 F2F	-T-R---	04:30-05:45 PM	01/20/15-05/22/15	CLB 205	Haverhals E	30 of 30
12888 083 F2F	-T-R---	12:00-01:15 PM	01/20/15-05/22/15	OCB 332	Faculty	26 of 26

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 or veteranservices@jccc.edu.

Requirement: Department approval

11979 090 F2F	-T-R---	06:00-07:15 PM	01/20/15-05/22/15	CLB 203	Hamler P	30 of 30
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11980	140 F2F	----F--	06:00-08:50 PM	01/23/15-05/22/15	CLB 207	Worthy M	30 of 30
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11981	160 F2F	-----U	12:00-02:50 PM	01/25/15-05/22/15	CLB 207	Benes S	30 of 30
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11909	170 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CLB 211	McChesney T	60 of 60
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Co-requisite to enroll in MATH 115 (CRN 11908)

Note: For Math 116-170 you must enroll in both Math 116-170 (CRN 11909) and MATH 115-170 (CRN 11908). 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.

11911	171 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CLB 209	Siebert K	48 of 48
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Co-requisite to enroll in MATH 115 (CRN 11910)


Note: For Math 116-171 you must enroll in both Math 116-171 (CRN 11911) and MATH 115-171 (CRN 11910). 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.

11913	172 F2F	-T-R---	07:30-08:45 PM	01/20/15-05/22/15	CLB 205	Caldwell B	60 of 60
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Co-requisite to enroll in MATH 115 (CRN 11912)

Note: For Math 116-172 you must enroll in both Math 116-172 (CRN 11913) and MATH 115-172 (CRN 11912). 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.

11982	240 F2F	---R---	06:00-09:00 PM	02/05/15-05/22/15	 DSH	Davis P	20 of 20
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11983	250 F2F	-T-----	06:00-09:00 PM	02/03/15-05/22/15	 OHEC 217	Faculty	20 of 20
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11984	280 F2F	M-W-F--	10:00-10:55 AM	02/02/15-05/22/15	OCB 332	Faculty	15 of 15
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11985	290 F2F	M-W----	06:00-07:45 PM	02/16/15-05/22/15	OCB 332	Faculty	15 of 15
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11986	350 ONLNE	-----	-	01/20/15-05/22/15	Online	Barlow 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.

11987	351 ONLNE	-----	-	01/20/15-05/22/15	Online	Barlow 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.

11988	360 ONLNE	-----	-	01/20/15-03/15/15	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.

11989	365	ONLNE	-----	-	03/30/15-05/22/15	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 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.

11990	370	ONLNE	-----	-	02/02/15-05/22/15	Online	Barlow 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.

11991	375	ONLNE	-----	-	02/16/15-05/22/15	Online	Barlow 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 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.

11992	450	SEL	-----	-	01/20/15-12/13/15	Self Paced	Reinhard V	5 of 5
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Note: Students can begin their study in this self-paced math course at any time between November 1, 2014 and March 31, 2015, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Mary Deas, at 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 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.

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/spring/coursedescriptions/math/#MATH_118)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11993	-----	-	01/20/15-12/13/15	Self Paced	Reinhard V	5 of 5

Note: Students can begin their study in this self-paced math course at any time between November 1, 2014 and March 31, 2015, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Mary Deas, at 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 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/spring/coursedescriptions/math/#MATH_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11997 010 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CLB 211	Wilson S	30 of 30
11998 011 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	GEB 340	Helgeson D	30 of 30
11999 030 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	OCB 308	Mathur M	30 of 30
Co-requisite to enroll in LS 174 (CRN 11536)						
Note: Students enrolling in MATH 120 030 (CRN 11999) must also enroll in LS 174 001 (CRN 11536). 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.						
12000 060 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	CLB 211	Voss-Schoonover L	30 of 30
12001 080 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	CLB 207	Erickson E	30 of 30
12002 090 F2F	-T-R---	06:00-07:15 PM	01/20/15-05/22/15	GEB 340	Ramaglia H	30 of 30
12003 100 F2F	M-----	12:00-02:50 PM	01/26/15-05/22/15	CLB 403	Schwartz B	30 of 30
12004 140 F2F	---F--	06:00-08:50 PM	01/23/15-05/22/15	CLB 203	Tomlin C	30 of 30
12005 280 F2F	-T-R---	12:30-01:55 PM	02/03/15-05/22/15	GEB 313	Wilson B	15 of 15
12006 350 ONLNE	-----	-	01/20/15-05/22/15	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.						
12007 351 ONLNE	-----	-	01/20/15-05/22/15	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.						
12008 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Jacobs L	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.

12009 370 ONLNE ----- - 02/02/15-05/22/15 Online Irfan S 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.

11994 450 SEL ----- - 01/20/15-12/13/15 Self Paced Reinhard V 5 of 5

Note: Students can begin their study in this self-paced math course at any time between November 1, 2014 and March 31, 2015, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Mary Deas, at 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 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.

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/spring/coursedescriptions/math/#MATH_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12010 040 F2F	M-W----	08:00-09:15 AM	01/21/15-05/22/15	OCB 332	Haehl M	26 of 26
12011 050 F2F	M-W----	06:00-07:15 PM	01/21/15-05/22/15	CLB 402	Faculty	24 of 24
12012 080 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	OCB 308	Rawlings E	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.

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/spring/coursedescriptions/math/#MATH_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12013 090 F2F	-T-R---	06:00-07:15 PM	01/20/15-05/22/15	CLB 402	Faculty	24 of 24

MATH 165 - Finite Mathematics

This course will emphasize the beauty, scope, practical applications and relevance of mathematics. It is designed to involve the students with the concepts as well as quantitative skills. Topics include set theory, symbolic logic, deductive reasoning, probability, mathematics of finance, systems of equations, matrix algebra, and linear programming. 3 hrs. lecture/wk. This course is only offered in the spring semester.

Credit Hours: 3

Prerequisite: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.

Outline (http://catalog.jccc.edu/spring/coursedescriptions/math/#MATH_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12014 080 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	GEB 340	McChesney T	30 of 30

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/spring/coursedescriptions/math/#MATH_171)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12015 001 F2F	MTWRF--	09:00-09:50 AM	01/20/15-05/22/15	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.

12031 002 F2F	MTWRF--	10:00-10:50 AM	01/20/15-05/22/15	GEB 315	Balman B	30 of 30
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Note: MATH 171-002 meets 5 hours a week enabling students to learn College Algebra material at a slower pace.

12032 003 F2F	MTWRF--	11:00-11:50 AM	01/20/15-05/22/15	GEB 315	Goodman C	30 of 30
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Note: MATH 171-003 meets 5 hours a week enabling students to learn College Algebra material at a slower pace. This course incorporates sustainability themes as part of JCCC's sustainability across the curriculum initiative.

12033 004 F2F	MTWRF--	12:00-12:50 PM	01/20/15-05/22/15	CLB 402	Robinson W	24 of 24
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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 or veteranservices@jccc.edu. MATH 171-004 meets 5 hours a week enabling students to learn College Algebra material at a slower pace.

Requirement: Department approval

12034 005 F2F	MTWRF--	02:00-02:50 PM	01/20/15-05/22/15	CLB 211	Dotson G	30 of 30
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Note: MATH 171-005 meets 5 hours a week enabling students to learn College Algebra material at a slower pace.

12035 010 F2F	M-W-F--	07:00-07:50 AM	01/21/15-05/22/15	CLB 209	Faculty	24 of 24
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12036 011 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	GEB 313	Dennis R	30 of 30
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12037 012 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CLB 213	Kennett J	24 of 24
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12038 013 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CLB 203	Robinson W	30 of 30
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12039 014 F2F	M-W-F--	10:00-10:55 AM	01/21/15-05/22/15	CLB 213	Kennett J	20 of 20
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Note: Math 171-014 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 refreshing Intermediate Algebra skills. If you have questions about this opportunity, contact Nancy Carpenter at nancyc@jccc.edu.

12040 015 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	GEB 340	Jensen J	30 of 30
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12041 016 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	GEB 313	Faculty	30 of 30
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12042 017 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CLB 203	Kennett J	30 of 30
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12043 030 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	CLB 211	Wang S	30 of 30
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12044 031 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	GEB 381	Jensen J	24 of 24
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12069 032 F2F	M-W-F--	01:00-01:55 PM	01/21/15-05/22/15	CLB 213	Kennett J	20 of 20
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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.

12070 033 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	CLB 211	Gibbs A	30 of 30
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12350 040 F2F	M-W----	04:00-06:50 PM	03/30/15-05/22/15		VanLeeuwen F	24 of 24
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Two x 2 x 2



Math 171-040 is an eight-week class and part of the new Two-by-Two Degree. It moves twice as fast in half the time so students can complete the class by mid-semester. The class is open to all students who have completed the required pre-requisites.

12071 050 F2F	M-W----	06:00-07:25 PM	01/21/15-05/22/15	CLB 213	Herken P	20 of 20
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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

12072	060 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	OCB 308	White D	24 of 24
12073	061 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	GEB 313	Fischer E	30 of 30
12074	062 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CLB 207	Siebert K	30 of 30
12075	063 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CLB 211	Mages M	30 of 30
12076	064 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	GEB 313	Rawlings E	30 of 30
12077	080 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CLB 203	Hughes D	30 of 30
12078	081 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	CLB 203	Carpenter N	30 of 30
12079	082 F2F	-T-R---	04:30-05:45 PM	01/20/15-05/22/15	 OHEC 105	Hoopes D	24 of 24
12080	090 F2F	-T-R---	06:00-08:15 PM	01/20/15-05/22/15	GEB 315	Balman B	30 of 30

Note: MATH 171-090 meets 5 hours a week enabling students to learn College Algebra material at a slower pace.

12081	140 F2F	----F--	06:00-08:50 PM	01/23/15-05/22/15	CLB 205	Cooper S	30 of 30
12082	150 F2F	-----S-	09:00-11:50 AM	01/24/15-05/22/15	CLB 205	Malakhova N	30 of 30
12083	160 F2F	-----U	12:00-02:50 PM	01/25/15-05/22/15	CLB 205	Malakhova N	30 of 30
12084	240 F2F	M-W----	06:00-07:25 PM	02/02/15-05/22/15	 DSH	Harris S	20 of 20
12085	250 F2F	-T-R---	06:00-07:25 PM	02/03/15-05/22/15	 OHEC 105	Hoopes D	20 of 20
12086	290 F2F	M-W----	02:00-03:45 PM	02/16/15-05/22/15	GEB 313	Jaggard C	15 of 15
12087	350 ONLNE	-----	-	01/20/15-05/22/15	Online	Hoopes D	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.

12088	351 ONLNE	-----	-	01/20/15-05/22/15	Online	Hoopes D	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.

12089	352 ONLNE	-----	-	01/20/15-05/22/15	Online	Lewis J	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.

12090	353 ONLNE	-----	-	01/20/15-05/22/15	Online	Lewis J	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.

12091	365	ONLNE	-----	-	03/30/15-05/22/15	Online	Lemer A	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 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.

12092	370	ONLNE	-----	-	02/02/15-05/22/15	Online	Gibbs A	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.

12093	371	ONLNE	-----	-	02/02/15-05/22/15	Online	Gibbs A	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.

12094	375	ONLNE	-----	-	02/16/15-05/22/15	Online	Veer P	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.

12095	450	SEL	-----	-	01/20/15-12/13/15	Self Paced	Veer P	10 of 10
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Note: Students can begin their study in this self-paced math course at any time between November 1, 2014 and March 31, 2015, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Phil Veer at 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 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/spring/coursedescriptions/math/#MATH_172)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12096 010 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	CLB 211	Faculty	30 of 30
12097 011 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	GEB 381	Jensen J	24 of 24
12098 050 F2F	M-W----	06:00-07:15 PM	01/21/15-05/22/15	OCB 308	Zenner J	24 of 24
12099 060 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CLB 205	Barlow R	30 of 30
12100 080 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CLB 209	Lewis J	24 of 24
12101 081 F2F	-T-R---	04:30-05:45 PM	01/20/15-05/22/15	CLB 402	Goodman C	24 of 24
12102 280 F2F	M-W----	02:00-03:25 PM	02/02/15-05/22/15	OCB 332	Goodman C	15 of 15
12282 350 ONLNE	-----	-	01/20/15-05/22/15	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.

12283 370 ONLNE	-----	-	02/02/15-05/22/15	Online	Lewis J	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.

12284 450 SEL	-----	-	01/20/15-12/13/15	Self Paced	Veer P	5 of 5
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Note: Students can begin their study in this self-paced math course at any time between November 1, 2014 and March 31, 2015, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Phil Veer at 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/spring/coursedescriptions/math/#MATH_173)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12285 001 F2F	MTWRF--	11:00-11:50 AM	01/20/15-05/22/15	CLB 402	Edmonds B	24 of 24
12286 002 F2F	MTWRF--	01:00-01:50 PM	01/20/15-05/22/15	GEB 315	Goodman C	30 of 30
12287 050 F2F	M-W----	06:00-08:15 PM	01/21/15-05/22/15	CLB 207	Sandner M	30 of 30
12288 080 F2F	-T-R---	03:30-05:45 PM	01/20/15-05/22/15	CLB 213	O'Neil C	24 of 24
12289 280 F2F	MTWRF--	08:00-08:55 AM	02/02/15-05/22/15	GEB 315	Balman B	18 of 18

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/spring/coursedescriptions/math/#MATH_175)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12290 010 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CLB 402	Robinson W	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/spring/coursedescriptions/math/#MATH_181)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12291 010 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	CLB 213	Faculty	24 of 24
12292 011 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CLB 209	Siebert K	24 of 24
12293 012 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CLB 209	Grondahl R	24 of 24
12294 013 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CLB 213	Putnam T	24 of 24
12295 030 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	CLB 209	Siebert K	24 of 24
12296 031 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	CLB 209	Faculty	24 of 24
12297 040 F2F	M-W----	02:00-03:15 PM	01/21/15-05/22/15	CLB 209	Robinson W	24 of 24
12298 041 F2F	M-W----	04:30-05:45 PM	01/21/15-05/22/15	CLB 209	Faculty	24 of 24
12299 060 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	CLB 213	Robinson W	24 of 24
12300 061 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CLB 213	Helgeson D	24 of 24
12301 062 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CLB 213	Smith S	24 of 24
12302 080 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CLB 213	Faculty	24 of 24
12303 081 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	CLB 213	Helgeson D	24 of 24
12304 090 F2F	-T-R---	06:00-07:15 PM	01/20/15-05/22/15	CLB 213	Link T	24 of 24
12305 150 F2F	-----S-	09:00-11:50 AM	01/24/15-05/22/15	CLB 213	Robbins D	24 of 24
12306 280 F2F	M-W-F--	12:00-12:55 PM	02/02/15-05/22/15	CLB 213	Faculty	15 of 15
12307 281 F2F	-T-R---	02:00-03:25 PM	02/03/15-05/22/15	CLB 209	Edmonds B	15 of 15
12308 350 ONLNE	-----	-	01/20/15-05/22/15	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.

12309 351 ONLNE	-----	-	01/20/15-05/22/15	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.

12310 352 ONLNE	-----	-	01/20/15-05/22/15	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.

information, contact the instructor.

12311 353 ONLNE	-----	-	01/20/15-05/22/15	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.

12312 370 ONLNE	-----	-	02/02/15-05/22/15	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.

12313 371 ONLNE	-----	-	02/02/15-05/22/15	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.

12314 450 SEL	-----	-	01/20/15-12/13/15	Self Paced	Veer P	5 of 5
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Note: Students can begin their study in this self-paced math course at any time between November 1, 2014 and March 31, 2015, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Phil Veer at 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 191 - Math & Physics for Games I

This introductory course focuses on the mathematics and physics concepts needed to program a variety of video game scenarios. Student will learn to use vectors and matrix transformations to model the motion of physical objects in two and three dimensions. Students will also learn various computer programming methods in order to model these mathematical and physical concepts. 3 hrs. lecture and 2 hrs. lab/wk.

Note: MATH 191 and PHYS 191 are the same course; do not enroll in both.

Credit Hours: 4

Associated Costs: \$0 to 100

Prerequisites: MATH 171 or MATH 173 with a grade of "C" or higher or appropriate score on math placement test and GAME 121.

Outline (http://catalog.jccc.edu/spring/coursedescriptions/math/#MATH_191)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12315 030 F2F	M-W-F--	03:00-03:50 PM	01/21/15-05/22/15	RC	Grondahl R	15 of 15
	--W----	04:00-05:50 PM	01/21/15-05/22/15	RC		

Note: MATH 191 and PHYS 191 are the same course. Do not enroll in both

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/spring/coursedescriptions/math/#MATH_214)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12317 100 F2F	M-----	03:00-04:15 PM	01/26/15-05/22/15	CLB 213	Rothrock K	24 of 24

MATH 215 - Introduction to Teaching Math and Science II

Students learn about the middle school environment and work on math and science inquiry-based lesson analysis, design and assessment. Student partners will plan and teach three inquiry-based lessons in a middle school. The course emphasizes writing 5E lesson plans with a focus on the importance of using appropriate questioning and assessment strategies throughout the lesson, as well as how to analyze and modify a lesson based on personal reflections and observer feedback. By the completion of the course, students should be able to reflect on their personal suitability/interest in teaching secondary math or science, and develop a feasible pathway to a career in teaching. MATH 215, ASTR 215, BIOL 215, CHEM 215, GEOS 215, PHYS 215 and PSCI 215 are the same course; enroll in only one. 1.25 hrs. lecture/wk.

Credit Hours: 1

Prerequisite: ASTR 214 or BIOL 214 or CHEM 214 or GEOS 214 or MATH 214 or PHYS 214 or PSCI 214 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/math/#MATH_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12830 120 F2F	--W----	03:00-04:15 PM	01/20/15-05/22/15	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/spring/coursedescriptions/math/#MATH_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12318 010 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	CLB 207	Robinson W	28 of 28
12319 011 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CLB 205	O'Neil C	28 of 28
12320 030 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	CLB 207	Faculty	28 of 28
12321 060 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CLB 203	Wang S	28 of 28
12322 080 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CLB 211	Lefert K	28 of 28
12323 090 F2F	-T-R---	06:00-07:15 PM	01/20/15-05/22/15	CLB 211	Gibbs A	28 of 28
12324 280 F2F	M-W-F--	02:00-02:55 PM	02/02/15-05/22/15	CLB 213	Faculty	15 of 15
12325 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Dunham 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.

12326 370 ONLNE	-----	-	02/02/15-05/22/15	Online	Lewis J	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/spring/coursedescriptions/math/#MATH_232)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12327 030 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	OCB 332	O'Neil C	26 of 26

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/spring/coursedescriptions/math/#MATH_241)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12328 001 F2F	MTWRF--	08:00-08:50 AM	01/20/15-05/22/15	CLB 205	McChesney T	28 of 28
12329 002 F2F	MTWRF--	09:00-09:50 AM	01/20/15-05/22/15	CLB 403	Mathur M	28 of 28
12330 003 F2F	MTWRF--	11:00-11:50 AM	01/20/15-05/22/15	CLB 205	Grondahl R	28 of 28
12331 004 F2F	MTWRF--	12:00-12:50 PM	01/20/15-05/22/15	CLB 205	Dotson G	28 of 28
12332 005 F2F	MTWRF--	02:00-02:50 PM	01/20/15-05/22/15	CLB 205	Edmonds B	28 of 28
12333 040 F2F	M-W----	03:30-05:45 PM	01/21/15-05/22/15	CLB 207	Hughes D	28 of 28
12334 090 F2F	-T-R---	06:00-08:15 PM	01/20/15-05/22/15	CLB 207	Baldwin R	28 of 28

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/spring/coursedescriptions/math/#MATH_242)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12335 001 F2F	MTWRF--	08:00-08:50 AM	01/20/15-05/22/15	CLB 403	Wilson S	28 of 28

12336 002 F2F	MTWRF--	12:00-12:50 PM	01/20/15-05/22/15	GEB 315	Helgeson D	28 of 28
12337 050 F2F	M-W----	06:00-08:15 PM	01/21/15-05/22/15	GEB 340	Tamsamani Z	28 of 28
12338 080 F2F	-T-R---	03:30-05:45 PM	01/20/15-05/22/15	CLB 209	Gibbs A	24 of 24

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/spring/coursedescriptions/math/#MATH_243)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12339 001 F2F	MTWRF--	08:00-08:50 AM	01/20/15-05/22/15	CLB 402	Faculty	24 of 24
12340 002 F2F	MTWRF--	01:00-01:50 PM	01/20/15-05/22/15	CLB 205	Edmonds B	28 of 28
12341 050 F2F	M-W----	06:00-08:15 PM	01/21/15-05/22/15	CLB 403	Harris R	28 of 28

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/spring/coursedescriptions/math/#MATH_246)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12342 060 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	GEB 340	O'Neil C	28 of 28

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/spring/coursedescriptions/math/#MATH_254)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12343 001 F2F	MTWR---	09:00-09:50 AM	01/20/15-05/22/15	CLB 402	Edmonds B	24 of 24
12344 090 F2F	M-W----	06:00-07:50 PM	01/21/15-05/22/15	CLB 209	Smith S	24 of 24

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/spring/coursedescriptions/math/#MATH_285)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12345 001 F2F	MTWR---	08:00-08:50 AM	01/20/15-05/22/15	CLB 209	Faculty	24 of 24
12346 050 F2F	-T-R---	06:00-07:50 PM	01/20/15-05/22/15	CLB 209	Wilson B	24 of 24

MATH 292 - Special Topics:

MATH 292 allows students to investigate in-depth a single theme or topic in mathematics. This may be accomplished by expanding upon a subject introduced in current course offerings or exploring a subject not addressed in the curriculum of the mathematics department. Special Topics may be repeated for credit but only on different topics. Total contact hours vary with topic.

Credit Hours: 1

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/math/#MATH_292)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12347 080 F2F	-T-R---	11:00-11:50 AM	01/20/15-03/15/15	OCB 332	McChesney T	26 of 26

This section's title is Special Topics: Symbolic Logic in Mathematics.

This course will introduce the student to principles of logic statements, syllogisms, and arguments by studying the tools found in symbolic logic. Set notation and Venn diagrams will be used to illustrate the meaning of logical connectors and conditional statements. Examples of theorems from various branches of mathematics will be used throughout the course. This course is intended for students who are interested in majoring in math or students who are interested in seeing math in a non-algebraic setting. Students with a "C" or better in Math 171 or higher are invited to take this course. Please contact the Math Department at (913) 469-3151 for the necessary approval.

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/spring/coursedescriptions/mfab/#MFAB_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12019 001 F2F	M-----	08:00-08:50 AM	01/26/15-05/22/15	ATB 131	Stoufer J	15 of 15
	Lab M-----	09:00-12:50 PM	01/26/15-05/22/15	ATB 150		
Kansas Senate Bill SB 155						
12020 002 F2F	--W----	08:00-08:50 AM	01/21/15-05/22/15	ATB 131	Stoufer J	15 of 15
	Lab --W----	09:00-12:50 PM	01/21/15-05/22/15	ATB 150		
Kansas Senate Bill SB 155						
12021 003 F2F	-----S-	12:00-12:50 PM	01/24/15-05/22/15	ATB 131	Young N	15 of 15
	Lab -----S-	01:00-04:50 PM	01/24/15-05/22/15	ATB 150		
Kansas Senate Bill SB 155						
12833 004 F2F	----F--	08:00-08:50 AM	01/23/15-05/22/15	ATB 127	Davidson M	15 of 15
	Lab ----F--	09:00-12:50 PM	01/23/15-05/22/15	ATB 150		
Kansas Senate Bill SB 155						

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/spring/coursedescriptions/mfab/#MFAB_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12022 001 F2F	-T-----	05:00-05:50 PM	01/20/15-05/22/15	ATB 125	Tanking J	14 of 14
	Lab -T-----	06:00-10:50 PM	01/20/15-05/22/15	ATB 146		
Kansas Senate Bill SB 155						
12023 002 F2F	---R---	05:00-05:50 PM	01/22/15-05/22/15	ATB 125	Price B	14 of 14
	Lab ---R---	06:00-10:50 PM	01/22/15-05/22/15	ATB 146		
Kansas Senate Bill SB 155						

MFAB 131 - Shielded Metal Arc Welding (SMAW) I

Through classroom and/or lab/shop learning and assessment activities, students in this course will describe the Shielded Metal Arc Welding process (SMAW); demonstrate the safe and correct setup of the SMAW workstation; associate SMAW electrode classifications with base metals and joint criteria; demonstrate proper electrode selection and use based on metal types and thicknesses; build pads of weld beads with selected electrodes in the flat position; build pads of weld beads with selected electrodes in the horizontal position; perform basic SMAW welds on selected weld joints; and perform visual inspection of welds. 1hr. lecture, 4 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Prerequisite: MFAB 124

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mfab/#MFAB_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12112 001 F2F	MTWR---	12:00-12:50 PM	01/26/15-02/19/15	ATB 127	Tremain R	15 of 15
	Lab MTWR---	01:00-04:50 PM	01/26/15-02/19/15	ATB 150		
Kansas Senate Bill SB 155						
12831 002 F2F	--W----	05:00-05:50 PM	01/21/15-05/22/15	ATB 125	Westerbeck M	15 of 15
	Lab --W----	06:00-09:50 PM	01/21/15-05/22/15	ATB 150		
Kansas Senate Bill SB 155						

MFAB 133 - Gas Metal Arc Welding (GMAW) I

Through classroom and/or shop/lab learning and assessment activities, students in this course will: explain gas metal arc welding process (GMAW); demonstrate the safe and correct set up of the GMAW workstation; correlate GMAW electrode classifications with base metals and joint criteria; demonstrate proper electrode selection and use based on metal types and

thicknesses; build pads of weld beads with selected electrodes in the flat position; build pads of weld beads with selected electrodes in the horizontal position; produce basic GMAW welds on selected weld joints; and conduct visual inspection of GMAW welds. 1 hr. lecture, 4hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Prerequisite: MFAB 120 or MFAB 124 or MFAB 127

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mfab/#MFAB_133)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12119 001 F2F	MTWR---	12:00-12:50 PM	03/02/15-04/02/15	ATB 127	Tremain R	15 of 15
	Lab MTWR---	01:00-04:50 PM	03/02/15-04/02/15	ATB 150		

Kansas Senate Bill SB 155

12832 002 F2F	-T-----	05:00-05:50 PM	01/20/15-05/22/15	ATB 133	Westerbeck M	15 of 15
	Lab -T-----	06:00-09:50 PM	01/20/15-05/22/15	ATB 150		

Kansas Senate Bill SB 155

MFAB 136 - Gas Tungsten Arc Welding (GTAW) I

Through classroom and/or lab/shop learning and assessment activities, students in this course will: explain the gas tungsten arc welding process (GTAW); demonstrate the safe and correct set up of the GTAW workstation; relate GTAW electrode and filler metal classifications with base metals and joint criteria; build proper electrode and filler metal selection and use based on metal types and thicknesses; build pads of weld beads with selected electrodes and filler material in the flat position; build pads of weld beads with selected electrodes and filler material in the horizontal position; perform basic GTAW welds on selected weld joints; and perform visual inspection of GTAW welds. 1 hr. lecture, 4hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Prerequisite: MFAB 124

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mfab/#MFAB_136)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12157 001 F2F	MTWR---	12:00-12:50 PM	04/13/15-05/07/15	ATB 127	Tremain R	15 of 15
	Lab MTWR---	01:00-04:50 PM	04/13/15-05/07/15	ATB 150		

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12024 002 F2F	---R---	05:00-05:50 PM	01/22/15-05/22/15	ATB 128	Sprague B	15 of 15
	Lab ---R---	06:00-09:50 PM	01/22/15-05/22/15	ATB 150		

Kansas Senate Bill SB 155

MFAB 152 - Manufacturing Materials and Processes

This is a beginning course in metal fabrication technology that is appropriate for the metal fabrication major and other interested students. Upon successful completion of this course, the student should be able to identify various manufacturing materials and processes currently used in industry. The capabilities and applications of machine tool, general fabrication, welding processes, robotics, cut-off equipment and other manufacturing processes and equipment will be studied. Lectures will be supplemented by class tours and demonstrations of various processes and equipment. Students are required to wear safety glasses during demonstrations. 3 hrs. lecture-demonstrations/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mfab/#MFAB_152)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12025 001 F2F	--W----	01:00-03:50 PM	01/21/15-05/22/15	ATB 131	Westerbeck M	18 of 18

Kansas Senate Bill SB 155

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/spring/coursedescriptions/mfab/#MFAB_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12026 001 F2F	M-----	06:00-07:50 PM	01/26/15-05/22/15	WLB 102	Pommier G	16 of 16

Kansas Senate Bill SB 155

12834 002 F2F	----F--	02:00-04:00 PM	01/23/15-05/22/15	ATB 131	Davidson M	18 of 18
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Kansas Senate Bill SB 155

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/spring/coursedescriptions/mfab/#MFAB_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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MFAB 250 - Fabrication Practices II

Upon completion of this class, the student should be able to work from discipline specific drawings to manufacture and assemble a mock piping loop, storage tank/vessel, and miscellaneous parts. This class is intended to serve all MFAB graduate students and current MFAB students who have completed the fundamental skills coursework within the metal fabrication certificate or degree programs. The Fabrication Practices II class is part two 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 pressure holding tanks and pressure vessels. Coursework will focus on modern welded fabrication techniques and practices used in the manufacturing and installation of steel pipe, tank and vessel systems, and miscellaneous welded mechanical structural 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

Prerequisite: MFAB 215

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mfab/#MFAB_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12028 001 F2F	-T-R---	05:30-05:55 PM	01/20/15-05/22/15	WLB 102	Lipko J	15 of 15
	Lab -T-R---	06:00-08:50 PM	01/20/15-05/22/15	WLB 132		

MFAB 259 - Shielded Metal Arc Welding (SMAW) III

Upon successful completion of this course, the student should be able to weld one-inch thick groove joints in the flat (1G), horizontal (2G), vertical up, (3G) and overhead (4G) weld positions, with and/or without backing to industry standards. The course will cover unlimited thickness qualifications. Students will use heat sensing tools and equipment to pre heat, maintain inter-pass temperature, and properly post heat selected welds. 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. 1hr. lecture, 4hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Prerequisite: MFAB 205

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mfab/#MFAB_259)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12029 001 F2F	M-----	05:00-05:50 PM	01/26/15-05/22/15	ATB 125	Neal M	15 of 15
	Lab M-----	06:00-09:50 PM	01/26/15-05/22/15	ATB 150		

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/spring/coursedescriptions/mirm/#MIRM_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12558 001 F2F	---R---	06:00-08:50 PM	01/22/15-05/21/15	RC 221	Faculty	15 of 15

Kansas Senate Bill SB 155

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/spring/coursedescriptions/mirm/#MIRM_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12559 001 F2F	--W----	06:00-08:50 PM	01/21/15-05/20/15	RC 221	Faculty	15 of 15

Kansas Senate Bill SB 155

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/spring/coursedescriptions/mirm/#MIRM_138)

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

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/spring/coursedescriptions/mirm/#MIRM_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12561 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Faculty	15 of 15

Kansas Senate Bill SB 155

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/spring/coursedescriptions/mirm/#MIRM_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12867 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Faculty	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/spring/coursedescriptions/mirm/#MIRM_142)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12563 001 F2F	--W----	02:00-04:50 PM	01/21/15-05/20/15	RC 221	Faculty	15 of 15

12564 002 F2F ----F-- 02:00-04:50 PM 01/23/15-05/22/15 RC 221 Faculty 15 of 15

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MIRM 144 - Coding Classification Systems II

This course focuses on Current Procedural Terminology (CPT) and Healthcare Common Procedure Coding System (HCPCS) coding classification systems. Students learn the role of CPT and HCPCS in coding for outpatient services and procedures, as well as physician services. Instruction focuses on the importance of ethical conduct for coding professionals. 3 hrs. lecture/wk. This course is taught in the spring semester.

Note: Students are recommended to concurrently enroll in BIOL 227.

Credit Hours: 3

Prerequisite: MIRM 143

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mirm/#MIRM_144)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12865 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Faculty	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.

Credit Hours: 3

Prerequisite: MIRM 143

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mirm/#MIRM_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12866 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Faculty	15 of 15

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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.

Credit Hours: 2

Prerequisites: BIOL 144 and HC 130

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mirm/#MIRM_147)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12568 001 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	RC 221	Faculty	15 of 15

Kansas Senate Bill SB 155

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/spring/coursedescriptions/mkt/#MKT_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10867 001 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	GEB 379	Millard B	18 of 18

Kansas Senate Bill SB 155

10869 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Millard B	20 of 20
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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/spring/coursedescriptions/mkt/#MKT_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10871 002 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	GEB 258	Hulen P	24 of 24

Kansas Senate Bill SB 155

Enroll in both

Co-requisite to enroll in

10872 003 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	GEB 258	Parker B	24 of 24
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Kansas Senate Bill SB 155

Enroll in both

Co-requisite to enroll in

10870 350 ONLNE	-----	-	01/26/15-05/22/15	Online	Hulen P	17 of 17
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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/spring/coursedescriptions/mkt/#MKT_202)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10873 001 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	ITC 183	Millard B	18 of 18
10874 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Millard B	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/spring/coursedescriptions/mkt/#MKT_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10875 001 F2F	--W----	01:00-03:30 PM	02/11/15-05/22/15	GEB 379	Spilde B	20 of 20

Kansas Senate Bill SB 155

10876 351 ONLNE	-----	-	01/26/15-05/22/15	Online	Webb E	20 of 20
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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/spring/coursedescriptions/mkt/#MKT_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10877 350 ONLNE	-----	-	01/26/15-05/22/15	Online	Smith B	20 of 20

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/spring/coursedescriptions/mkt/#MKT_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10878 001 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	GEB 258	Gallagher K	24 of 24

Kansas Senate Bill SB 155

10879 002 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	GEB 258	Hulen P	24 of 24
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Kansas Senate Bill SB 155

11387 003 F2F	M-W-F--	09:00-09:50 AM	02/02/15-05/22/15	OCB 142	Hollister A	24 of 24
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Kansas Senate Bill SB 155

11388 004 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	OCB 142	McNeil Z	24 of 24
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Kansas Senate Bill SB 155

10881 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Hulen P	20 of 20
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Kansas Senate Bill SB 155

10882 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Hulen P	20 of 20
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Kansas Senate Bill SB 155

10883 352 ONLNE	-----	-	01/26/15-05/22/15	Online	Millard B	20 of 20
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10884 353 ONLINE ----- - 01/26/15-05/22/15 Online Lundeen S 20 of 20

Kansas Senate Bill SB 155

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/spring/coursedescriptions/mkt/#MKT_234)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10885 350 ONLINE	-----	-	02/16/15-05/17/15	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/spring/coursedescriptions/mkt/#MKT_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10886 350 ONLINE	-----	-	01/26/15-05/22/15	Online	Smith B	20 of 20

Kansas Senate Bill SB 155

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/spring/coursedescriptions/mkt/#MKT_284)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10887 500 INT	-----	-	01/20/15-05/22/15		Millard B	19 of 19

Kansas Senate Bill SB 155

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/spring/coursedescriptions/mkt/#MKT_286)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10888 500 INT	-----	-	01/20/15-05/22/15		Millard B	4 of 4

Kansas Senate Bill SB 155

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/spring/coursedescriptions/mkt/#MKT_290)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10889 960 IND	-----	-	01/20/15-05/22/15		Hulen P	15 of 15

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/spring/coursedescriptions/mus/#MUS_121)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10945 001 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	OCB 144	Faculty	24 of 24
10946 002 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	OCB 144	Faculty	24 of 24
10947 003 F2F	M-W-F--	02:00-02:50 PM	01/21/15-05/22/15	OCB 144	Faculty	24 of 24
10948 004 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	OCB 144	Kennedy N	24 of 24
10949 005 F2F	-----S-	09:00-11:50 AM	01/24/15-05/22/15	OCB 144	Brown D	24 of 24
10950 006 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	OCB 144	Teal T	24 of 24
10952 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Brown D	25 of 25
10954 351 ONLNE	-----	-	01/20/15-05/22/15	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/spring/coursedescriptions/mus/#MUS_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10955 001 F2F	-T-R---	09:30-10:20 AM	01/20/15-05/22/15	OCB 182	Shiflett K	18 of 18
10956 002 F2F	M-W----	11:00-11:50 AM	01/21/15-05/22/15	OCB 144	Shiflett K	18 of 18
10958 003 F2F	-T-R---	01:00-01:50 PM	01/20/15-05/22/15	OCB 192	Teal T	18 of 18

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.

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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.

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/spring/coursedescriptions/mus/#MUS_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10960 001 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	CC 352	Ashlock C	35 of 35
10961 002 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	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/spring/coursedescriptions/mus/#MUS_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10962 001 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	OCB 144	Auwarter D	26 of 26
10963 002 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	OCB 144	Auwarter D	26 of 26
11055 201 F2F	M-W----	07:00-09:50 PM	03/23/15-05/17/15	GEB 240	Faculty	26 of 26

Two x 2 x 2

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/spring/coursedescriptions/mus/#MUS_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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10964 001 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	OCB 142	Fitzer H	24 of 24
10965 002 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	LIB 353B	Fitzer H	26 of 26

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/spring/coursedescriptions/mus/#MUS_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10967 001 F2F	-T-R---	09:30-10:20 AM	01/20/15-05/22/15	OCB 192	Teal T	15 of 15

MUS 132 - Sight-Singing and Ear Training II

This course is a continuation of the class Sight-singing and Ear Training I. The content is designed to complement the Harmony II course though it is not necessary they be taken in the same semester. 2 hrs. lecture/wk. This course is typically taught in the spring semester.

Credit Hours: 2

Prerequisite: MUS 131

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10968 001 F2F	-T-R---	11:00-11:50 AM	01/20/15-05/22/15	OCB 192	Teal T	15 of 15

MUS 141 - Music Theory: Harmony I

This course is a basic study of the harmonic system used 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/spring/coursedescriptions/mus/#MUS_141)

Seats Open

CRN	Days	Time	Date	Location	Instructor	Seats Open
10969 001 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	OCB 192	Teal T	15 of 15

MUS 142 - Music Theory: Harmony II

Harmony II is a continuation of the study of the harmonic system used in music composed from 1650 to 1900 and still in use in certain areas of music composition. The course covers use of non-harmonic tones, supertonic and dominant sevenths, functions of the submediant and mediant triads, advanced melodic writing and secondary dominant chords. Student will learn to harmonize melodies at the keyboard and play simple chord progressions on the piano. Music of the period will be analyzed. Selected software programs will enhance student skills and understanding. 3 hrs.lecture/wk. This course is typically taught in the spring semester.

Credit Hours: 3

Prerequisite: MUS 141 or passing equivalency test

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_142)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10970 001 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	OCB 192	Teal T	15 of 15

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/spring/coursedescriptions/mus/#MUS_151)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10972 001 F2F	M-W-F--	02:00-02:50 PM	01/21/15-05/22/15	OCB 192	Teal T	12 of 12

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/spring/coursedescriptions/mus/#MUS_152)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10973 001 F2F	M-W-F--	02:00-02:50 PM	01/21/15-05/22/15	OCB 192	Teal T	12 of 12

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/spring/coursedescriptions/mus/#MUS_153)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10974 001 F2F	M-W-F--	02:00-02:50 PM	01/21/15-05/22/15	OCB 192	Teal T	12 of 12

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/spring/coursedescriptions/mus/#MUS_154)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10975 001 F2F	M-W-F--	02:00-02:50 PM	01/21/15-05/22/15	OCB 192	Teal T	12 of 12

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/spring/coursedescriptions/mus/#MUS_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10979 001 F2F	M-----	11:00-12:50 PM	01/26/15-05/22/15	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/spring/coursedescriptions/mus/#MUS_156)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10980 001 F2F	-T-R--	09:00-10:50 AM	01/20/15-05/22/15	OCB 364	Moreland M	12 of 12
10981 002 F2F	-T-R--	11:00-12:50 PM	01/20/15-05/22/15	OCB 364	Moreland M	12 of 12
10982 003 F2F	-T-R--	02:00-03:50 PM	01/20/15-05/22/15	OCB 364	Olvera V	12 of 12
10983 004 F2F	-T-R--	04:00-05:50 PM	01/20/15-05/22/15	OCB 364	Olvera V	12 of 12
10984 005 F2F	-----S-	09:00-12:50 PM	01/24/15-05/22/15	OCB 364	Olvera V	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/spring/coursedescriptions/mus/#MUS_157)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10985 001 F2F	--W-F--	09:00-10:50 AM	01/21/15-05/22/15	OCB 364	Moreland M	12 of 12
Kansas Senate Bill SB 155						
10986 002 F2F	--W-F--	11:00-12:50 PM	01/21/15-05/22/15	OCB 364	Moreland M	12 of 12

Kansas Senate Bill SB 155

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/spring/coursedescriptions/mus/#MUS_158)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10987 001 F2F	M-W----	01:00-03:20 PM	01/21/15-05/22/15	OCB 364	Ransom T	12 of 12

Kansas Senate Bill SB 155

MUS 159 - Recording Studio II

This course is designed for the student interested in the continued development of the creative abilities and technical skills needed to produce music using modern digital recording techniques and equipment. Students will understand simple copyright types and procedures, and create an itemized budget to establish a digital project studio. Students will demonstrate advanced knowledge of ProTools, and apply final mastering techniques in order to compile a portfolio of original music for personal, academic or professional purposes. 3 lecture, 2 hrs. lab/wk.

Credit Hours: 4

Prerequisites: MUS 158

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_159)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10988 001 F2F	M-W----	03:30-05:50 PM	01/21/15-05/22/15	OCB 364	Ransom T	12 of 12

Kansas Senate Bill SB 155

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/spring/coursedescriptions/mus/#MUS_161)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10989 001 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	OCB 192	Teal T	30 of 30

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/spring/coursedescriptions/mus/#MUS_162)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10990 001 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	OCB 192	Teal T	30 of 30

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/spring/coursedescriptions/mus/#MUS_163)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10991 001 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	OCB 192	Teal T	30 of 30

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/spring/coursedescriptions/mus/#MUS_164)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10992 001 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	OCB 192	Teal T	30 of 30

Requirement: audition required

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/spring/coursedescriptions/mus/#MUS_169)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10993 001 F2F	-T-R---	12:00-12:50 PM	01/20/15-05/22/15	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/spring/coursedescriptions/mus/#MUS_170)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10994 001 F2F	-T-R---	12:00-12:50 PM	01/20/15-05/22/15	OCB 192	Shiflett K	20 of 20

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/spring/coursedescriptions/mus/#MUS_176)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10996 001 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	OCB 182	Stinson R	18 of 18

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/spring/coursedescriptions/mus/#MUS_177)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10997 001 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	OCB 182	Stinson R	18 of 18

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/spring/coursedescriptions/mus/#MUS_178)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10998 001 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	OCB 182	Stinson R	18 of 18

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/spring/coursedescriptions/mus/#MUS_179)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10999 001 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	OCB 182	Stinson R	18 of 18

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/spring/coursedescriptions/mus/#MUS_185)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11000 001 F2F	M-----	01:00-04:50 PM	01/26/15-05/22/15	CC YAR	Gregory S	12 of 12

MUS 186 - Live Sound Production II

This course is designed to build upon and put into practice concepts learned in Live Sound Production I. Students will study "front of house" methods, monitoring practices, communication systems and troubleshooting. Students will also apply learned concepts to alternate sound systems through "hands-on" practicums. 4 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisite: MUS 185

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_186)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11001 001 F2F	M-----	06:00-09:50 PM	01/26/15-05/22/15	CC YAR	Gregory S	12 of 12

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/spring/coursedescriptions/mus/#MUS_187)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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/spring/coursedescriptions/mus/#MUS_188)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11004 001 F2F	M-W----	01:00-01:50 PM	01/21/15-05/22/15	OCB 182	Stinson R	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/spring/coursedescriptions/mus/#MUS_191)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11006 001 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	OCB 182	Stinson R	35 of 35

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/spring/coursedescriptions/mus/#MUS_192)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11008 001 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	OCB 182	Stinson R	35 of 35

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/spring/coursedescriptions/mus/#MUS_193)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11009 001 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	OCB 182	Stinson R	35 of 35

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/spring/coursedescriptions/mus/#MUS_194)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11010 001 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	OCB 182	Stinson R	35 of 35

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/spring/coursedescriptions/mus/#MUS_195)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11011 001 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	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/spring/coursedescriptions/mus/#MUS_196)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11012 001 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	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/spring/coursedescriptions/mus/#MUS_197)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11013 001 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	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/spring/coursedescriptions/mus/#MUS_198)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11014 001 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	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/spring/coursedescriptions/mus/#MUS_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11042 001 F2F	-T-R---	09:00-09:50 AM	01/20/15-05/22/15	OCB 362	Pretzel M	8 of 8
11043 002 F2F	--W-F--	09:00-09:50 AM	01/21/15-05/22/15	OCB 362	Pretzel M	8 of 8
11045 003 F2F	--W-F--	10:00-10:50 AM	01/21/15-05/22/15	OCB 362	Pretzel M	8 of 8
11046 004 F2F	-T-R---	06:00-06:50 PM	01/20/15-05/22/15	OCB 362	Dolnik N	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/spring/coursedescriptions/mus/#MUS_222)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11048 001 F2F	-T-R---	10:00-10:50 AM	01/20/15-05/22/15	OCB 362	Pretzel M	8 of 8
11049 002 F2F	--W-F--	11:00-11:50 AM	01/21/15-05/22/15	OCB 362	Pretzel M	8 of 8

Requirement: Department approval

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/spring/coursedescriptions/mus/#MUS_226)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11050 001 F2F	M-----	12:00-12:50 PM	01/26/15-05/22/15	OCB 192	Fitzer H	15 of 15
11051 002 F2F	--W----	06:00-06:50 PM	01/21/15-05/22/15	OCB 192	Fitzer H	15 of 15

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/spring/coursedescriptions/mus/#MUS_227)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11053 001 F2F	-T----	11:00-11:55 AM	02/03/15-05/22/15	OCB 182	Fitzer H	12 of 12

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/spring/coursedescriptions/mus/#MUS_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11278 600 PVL	-----	-	01/20/15-05/22/15	OCB 184	Kennedy N	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

11279 601 PVL	-----	-	01/20/15-05/22/15	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

11280 602 PVL	-----	-	01/20/15-05/22/15	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

11281 603 PVL	-----	-	01/20/15-05/22/15	OCB 184	Faculty	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/spring/coursedescriptions/mus/#MUS_232)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11282 600 PVL	-----	-	01/20/15-05/22/15	OCB 184	Kennedy N	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

11283 601 PVL	-----	-	01/20/15-05/22/15	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

11284 602 PVL	-----	-	01/20/15-05/22/15	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

11285 603 PVL	-----	-	01/20/15-05/22/15	OCB 184	Faculty	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 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/spring/coursedescriptions/mus/#MUS_233)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11286 600 PVL	-----	-	01/20/15-05/22/15	OCB 184	Kennedy N	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

11287 601 PVL	-----	-	01/20/15-05/22/15	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

11288 602 PVL	-----	-	01/20/15-05/22/15	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

11289 603 PVL	-----	-	01/20/15-05/22/15	OCB 184	Faculty	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 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.

Credit Hours: 1

Prerequisite: MUS 233

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_234)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11290 600 PVL	-----	-	01/20/15-05/22/15	OCB 184	Kennedy N	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

11291 601 PVL	-----	-	01/20/15-05/22/15	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

11292 602 PVL	-----	-	01/20/15-05/22/15	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

11293 603 PVL	-----	-	01/20/15-05/22/15	OCB 184	Faculty	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 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.

Credit Hours: 1

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_236)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11294 601 PVL	-----	-	01/20/15-05/22/15	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

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/spring/coursedescriptions/mus/#MUS_237)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11295 600 PVL	-----	-	01/20/15-05/22/15	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

11296 601 PVL	-----	-	01/20/15-05/22/15	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 \(http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_238\)](http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_238)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11298 600 PVL	-----	-	01/20/15-05/22/15	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

11299 601 PVL	-----	-	01/20/15-05/22/15	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 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 \(http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_239\)](http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_239)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11300 600 PVL	-----	-	01/20/15-05/22/15	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

11301 601 PVL	-----	-	01/20/15-05/22/15	OCB 186	Dolnik N	5 of 5
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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 \(http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_241\)](http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_241)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11302 600 PVL	-----	-	01/20/15-05/22/15	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 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/spring/coursedescriptions/mus/#MUS_242)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11303 600 PVL	-----	-	01/20/15-05/22/15	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/spring/coursedescriptions/mus/#MUS_243)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11304 600 PVL	-----	-	01/20/15-05/22/15	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/spring/coursedescriptions/mus/#MUS_244)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11305 600 PVL	-----	-	01/20/15-05/22/15	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/spring/coursedescriptions/mus/#MUS_246)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11306 600 PVL	-----	-	01/20/15-05/22/15	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/spring/coursedescriptions/mus/#MUS_247)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11307 600 PVL	-----	-	01/20/15-05/22/15	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 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/spring/coursedescriptions/mus/#MUS_248)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11308 600 PVL	-----	-	01/20/15-05/22/15	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/spring/coursedescriptions/mus/#MUS_249)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11309 600 PVL	-----	-	01/20/15-05/22/15	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 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/spring/coursedescriptions/mus/#MUS_251)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11310 600 PVL	-----	-	01/20/15-05/22/15	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 252 - Applied Brass II (Private)

This is a beginning-level course for the student with at least one semester of prior brass instrument study. Through written exercises and performance on the instrument of choice, the student will learn the beginning concepts of brass performance. Topics to be covered include embouchure development, minor scales and duple and triple rhythmic patterns.

Credit Hours: 1

Prerequisite: MUS 251 or placement by instructor

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_252\)](http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_252)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11311 600 PVL	-----	-	01/20/15-05/22/15	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 \(http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_256\)](http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_256)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11312 601 PVL	-----	-	01/20/15-05/22/15	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 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 \(http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_257\)](http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_257)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11313 600 PVL	-----	-	01/20/15-05/22/15	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/spring/coursedescriptions/mus/#MUS_258)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11314 600 PVL	-----	-	01/20/15-05/22/15	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 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/spring/coursedescriptions/mus/#MUS_259)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11315 600 PVL	-----	-	01/20/15-05/22/15	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 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/spring/coursedescriptions/mus/#MUS_261)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11316 600 PVL	-----	-	01/20/15-05/22/15	OCB 186	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/spring/coursedescriptions/mus/#MUS_262)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11317 600 PVL	-----	-	01/20/15-05/22/15	OCB 186	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 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/spring/coursedescriptions/mus/#MUS_263)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11318 600 PVL	-----	-	01/20/15-05/22/15	OCB 186	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 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/spring/coursedescriptions/mus/#MUS_264)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11319 601 PVL	-----	-	01/20/15-05/22/15	OCB 186	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

Nursing

NURS 150 - Concepts of Nursing Care: Childbearing Family and Children

Students will engage in a variety of learning activities to build nursing knowledge and skills necessary to care for gynecologic, obstetric and pediatric patient populations presenting with diverse and developmental characteristics across the health care continuum. This course reinforces foundational concepts and will introduce normal processes and common alterations unique to the childbearing family, child and adolescent. Course concepts as they apply to the childbearing family and children will continue to build necessary skills to meet program outcomes including clinical judgment, facilitator of learning, advocacy, caring practices, collaboration, systems thinking, response to diversity, and clinical inquiry. Students will acquire nursing knowledge and the skills necessary to care for the childbearing family, child and adolescent in wellness and moderately complex alterations. Students will apply theoretical content and therapeutic interventions to patients with various health alterations in the clinical component of the course, which will focus on the childbearing family, child and adolescent populations. Course instruction will occur using a blended approach that focuses on active engagement of the student in the classroom, online, in the Health Resource Center, the Simulation Center and in a variety of health care agencies.

Credit Hours: 8

Requirements: Admission to the Nursing Program and Prerequisites: NURS 100 and NURS 125 and Prerequisite or Corequisite: PSYC 218 and ENGL 121

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/nurs/#NURS_150\)](http://catalog.jccc.edu/spring/coursedescriptions/nurs/#NURS_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11749 001 F2F	-T-----	01:00-05:00 PM	01/20/15-01/20/15	CLB 111	Foster M Plank K Sears A Mitchell R Carver K Wilson D LaMartina K Barlett M Lanier N Ritter M Russell J McNally J Quinn R McPike V Moorman S Parker C Folmsbee G Vezendan C Schull H	64 of 64
	-T-----	01:00-05:00 PM	01/20/15-01/20/15	CLB 113		
	--W----	08:00-04:00 PM	01/21/15-01/21/15	SCI 222		
	----F--	08:00-12:00 PM	01/23/15-01/23/15	CLB 111		

---F--	08:00-12:00 PM	01/23/15-01/23/15	CLB 113
M-----	12:00-04:00 PM	01/26/15-01/26/15	SCI 222
M-----	12:00-04:00 PM	02/02/15-02/02/15	SCI 222
M-----	12:00-04:00 PM	02/09/15-02/09/15	SCI 222
M-----	08:00-10:00 AM	02/16/15-02/16/15	SCI 222
M-----	10:00-05:00 PM	02/16/15-02/16/15	CLB 111
M-----	10:00-05:00 PM	02/16/15-02/16/15	CLB 113
M-----	11:30-04:00 PM	02/23/15-02/23/15	SCI 222
M-----	12:00-04:00 PM	03/02/15-03/02/15	SCI 222
M-----	12:00-04:00 PM	03/09/15-03/09/15	SCI 222
M-----	11:00-04:00 PM	03/23/15-03/23/15	SCI 222
-T-----	08:00-12:00 PM	03/24/15-03/24/15	CLB 111
-T-----	08:00-12:00 PM	03/24/15-03/24/15	CLB 113
---F--	08:00-12:00 PM	03/27/15-03/27/15	CLB 111
---F--	08:00-12:00 PM	03/27/15-03/27/15	CLB 113
M-----	08:00-10:30 AM	03/30/15-03/30/15	SCI 222
M-----	11:30-04:00 PM	04/06/15-04/06/15	SCI 222
M-----	12:00-04:00 PM	04/13/15-04/13/15	SCI 222
M-----	12:00-04:00 PM	04/20/15-04/20/15	SCI 222
M-----	12:00-04:00 PM	04/27/15-04/27/15	SCI 222
M-----	08:00-12:00 PM	05/04/15-05/04/15	SCI 222
M-----	08:00-10:30 AM	05/11/15-05/11/15	SCI 222
--W----	11:00-11:30 AM	05/13/15-05/13/15	SCI 222
M-----	08:00-10:30 AM	05/18/15-05/18/15	SCI 222
M-----	01:00-02:00 PM	05/18/15-05/18/15	SCI 222

Kansas Senate Bill SB 155

NURS 232 - Complex Patient Care Management

This course is the last in a sequence of five nursing courses that will enable students to care for patients experiencing complex multi-system health alterations across the health care continuum. Students will use a critical thinking approach to apply concepts of management to a group of patients in a health care setting. This course integrates knowledge and skills acquired in the previous four courses and facilitates student transition to professional nursing practice. In the clinical component, students will apply theoretical content and therapeutic nursing interventions to a group of patients/families with complex, acute and chronic health alterations. Course instruction will occur in the classroom, online, in the health resource center and health care agencies. 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. lecture, 1 hr. lab, 15 hrs. clinical/wk.

Credit Hours: 9

Associated Costs: \$450 to 550

Prerequisites: NURS 228 and NURS 230

Outline (http://catalog.jccc.edu/spring/coursedescriptions/nurs/#NURS_232)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11750 001 F2F	-T-----	08:00-02:00 PM	01/20/15-01/20/15	CC 211	Foster M Deines W Gibbar S Shank L Ilten T Mitchell R Duggan C Carver K Wilson D LaMartina K Barlett M Ronnebaum E Ritter M Russell J McNally J Quinn R McPike V Folmsbee G Vezendan C	72 of 72
	--W----	08:00-02:00 PM	01/21/15-01/21/15	CC 211		
	---R---	08:00-02:00 PM	01/22/15-01/22/15	CC 211		
	M-----	08:00-05:00 PM	01/26/15-01/26/15	CC 211		
	M-----	12:00-02:00 PM	01/26/15-01/26/15	CC 232		
	M-----	12:00-02:00 PM	01/26/15-01/26/15	CC 234		
	-T-----	08:00-01:00 PM	01/27/15-01/27/15	CLB 111		
	-T-----	08:00-01:00 PM	01/27/15-01/27/15	CLB 113		
	--W----	08:00-02:00 PM	01/28/15-01/28/15	CLB 113		
	----F--	08:00-10:30 AM	01/30/15-01/30/15	CC 211		
	M-----	08:00-01:00 PM	02/02/15-02/02/15	CC 211		
	M-----	08:00-12:00 PM	02/09/15-02/09/15	CC 211		
	M-----	08:00-02:00 PM	02/16/15-02/16/15	CC 211		
	M-----	08:00-12:00 PM	02/23/15-02/23/15	CC 211		
	M-----	08:00-04:00 PM	03/02/15-03/02/15	CC 211		
	M-----	08:00-04:00 PM	03/02/15-03/02/15	CLB 111		
	M-----	08:00-04:00 PM	03/02/15-03/02/15	CLB 113		
	----F--	08:00-10:30 AM	03/06/15-03/06/15	CC 211		
	M-----	08:00-01:00 PM	03/09/15-03/09/15	CC 211		

M-----	08:00-12:00 PM	03/23/15-03/23/15	CC 211
M-----	08:00-03:00 PM	03/30/15-03/30/15	CC 211
----F--	08:00-04:00 PM	04/03/15-04/03/15	CLB 111
----F--	08:00-04:00 PM	04/03/15-04/03/15	CLB 113
M-----	08:00-12:00 PM	04/06/15-04/06/15	CLB 111
M-----	08:00-12:00 PM	04/06/15-04/06/15	CLB 113
----F--	08:00-10:30 AM	04/10/15-04/10/15	CC 211
M-----	08:00-01:00 PM	04/13/15-04/13/15	CC 211
M-----	08:00-12:00 PM	04/20/15-04/20/15	CC 211
M-----	08:00-12:00 PM	04/27/15-04/27/15	CC 211
M-----	08:00-12:00 PM	05/04/15-05/04/15	CC 211
----F--	08:00-10:30 AM	05/08/15-05/08/15	CC 211
M-----	08:00-10:30 AM	05/18/15-05/18/15	CC 211
-T-----	11:30-12:00 PM	05/19/15-05/19/15	CC 211

Kansas Senate Bill SB 155

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 \(http://catalog.jccc.edu/spring/coursedescriptions/phil/#PHIL_121\)](http://catalog.jccc.edu/spring/coursedescriptions/phil/#PHIL_121)

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10489 001 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	GEB 317	Gale D	35 of 35
10490 002 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	GEB 317	Gale D	35 of 35
10491 003 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	GEB 317	Arjo D	35 of 35
10493 004 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	LIB 353B	Conrad O	26 of 26
10494 005 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	GEB 317	Conrad O	35 of 35
10495 006 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	GEB 317	Gustafson C	35 of 35
10496 007 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	GEB 317	Quillen L	35 of 35
10497 008 F2F	---R---	06:00-08:50 PM	01/22/15-05/22/15	GEB 317	Quillen L	35 of 35

10498 009 F2F	----S-	09:00-11:50 AM	01/24/15-05/22/15	CC 338	Gillette B	35 of 35
10499 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Jones A	25 of 25
10500 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Jones A	25 of 25

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/spring/coursedescriptions/phil/#PHIL_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10501 001 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	GEB 317	Coleman K	35 of 35
10502 002 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	GEB 317	Gale D	35 of 35
10503 003 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	GEB 317	Gale D	35 of 35
10504 004 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	GEB 342	Coleman K	35 of 35

PHIL 128 - Environmental Ethics

This course provides a survey of environmental ethics. It focuses on the emergence of environmental issues as a topic of careful philosophical study and its connection to the political and legal considerations of environmental problems. It also examines various theories and traditional approaches developed in Western and Eastern philosophy as well as major world religions to understanding the value and status of nature. Lastly, this course looks at specific controversies pertaining to the conservation, use and value of natural resources. PHIL 128 is the same course as BIOL 128; enroll in one only. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/phil/#PHIL_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10505 001 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	GP 101	Gale D	25 of 25

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/spring/coursedescriptions/phil/#PHIL_138)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10507 201 F2F	-T-R---	02:00-03:15 PM	03/31/15-05/10/15	CC 352	Gustafson C	35 of 35
10509 350 ONLNE	-----	-	01/20/15-03/01/15	Online	Arp R	25 of 25
10510 351 ONLNE	-----	-	03/30/15-05/10/15	Online	Arp R	25 of 25



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

Outline (http://catalog.jccc.edu/spring/coursedescriptions/phil/#PHIL_143)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10511 001 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	GEB 317	Conrad O	35 of 35
10512 002 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	CC 338	Conrad O	35 of 35
10513 003 F2F	M-W-F--	02:00-02:50 PM	01/21/15-05/22/15	CC 338	Conrad O	35 of 35
10514 004 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	CC 344	Sullivan D	35 of 35
10515 005 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	GEB 342	Arjo D	35 of 35
10516 006 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	GEB 317	Arjo D	35 of 35
10517 007 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	GEB 317	Musil B	35 of 35
10519 201 F2F	--W----	06:00-09:00 PM	02/04/15-05/22/15	 DSH	Musil B	35 of 35
10522 202 F2F	M-W-F--	09:00-09:55 AM	02/02/15-05/22/15	 OHEC 143	Gustafson C	18 of 18
10523 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Jones A	25 of 25

PHIL 155 - Introduction to Bioethics

This course is an introductory course in ethics with an emphasis on the ethical content raised by the discipline of biology. The student will examine the major ethical theories, including deontology, act utilitarianism, rule utilitarianism, along with select others. Study of the theories will enable the analysis of case studies involving such issues as human populations problems, reproductive technologies, genetic engineering of humans and other organisms, stem cells and their use, beginning/ending of life, the human genome project, environmental impact of humans, cloning, medical and non-medical genetic interventions, and biological ethics. 3 hrs. lecture/wk. PHIL 155 and BIOL 155 are the same courses; only enroll in one.

Note: PHIL 155 and BIOL 155 are the same course, do not enroll in both.

Credit Hours: 3

Prerequisite: BIOL 121 or BIOL 135 or equivalent course or department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/phil/#PHIL_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12843 001 F2F	--W----	07:00-09:50 PM	01/21/15-05/22/15	SCI 124	Williams D	24 of 24

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/spring/coursedescriptions/phil/#PHIL_176)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10524 001 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	CC 338	MacArthur S	35 of 35

PHIL 210 - History of Modern Philosophy

This course takes a historical approach to the development of modern philosophy and covers the period from the Renaissance to the 20th-century. The course will cover the epistemological, metaphysical and relevant axiological issues of the major philosophers and philosophical movements of this period. The course will also examine the influence of modern philosophy on contemporary thought. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: PHIL 121 or PHIL 143 or HIST 125 or HIST 126

Outline (http://catalog.jccc.edu/spring/coursedescriptions/phil/#PHIL_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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/spring/coursedescriptions/phot/#PHOT_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10370 001 F2F	M-W----	08:00-10:50 AM	01/21/15-05/22/15	ATB 147	Wessel M	18 of 18
10371 002 F2F	M-W----	12:00-02:50 PM	01/21/15-05/22/15	ATB 147	Wessel M	18 of 18
10372 003 F2F	-T-R---	08:00-10:50 AM	01/20/15-05/22/15	ATB 147	Long A	18 of 18
10373 004 F2F	-T-R---	12:00-02:50 PM	01/20/15-05/22/15	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/spring/coursedescriptions/phot/#PHOT_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10374 001 F2F	-T-R---	03:00-05:50 PM	01/20/15-05/22/15	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/spring/coursedescriptions/phot/#PHOT_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10375 003 F2F	-T-R---	12:00-02:50 PM	01/20/15-05/22/15	ATB 145D	Tarnowski T	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/spring/coursedescriptions/phot/#PHOT_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10376 001 F2F	-T-R---	12:00-02:50 PM	01/20/15-05/22/15	ATB 135	Heying P	20 of 20
Kansas Senate Bill SB 155						
10377 002 F2F	M-W----	03:00-05:50 PM	01/21/15-05/22/15	ATB 135	Sands C	20 of 20
Kansas Senate Bill SB 155						
10379 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Nichols M	25 of 25
Kansas Senate Bill SB 155						
10380 351 ONLNE	-----	-	01/20/15-05/22/15	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/spring/coursedescriptions/phot/#PHOT_129)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10381 001 F2F	----F--	12:00-05:50 PM	01/23/15-05/22/15	ATB 135	Sands C	20 of 20
Kansas Senate Bill SB 155						
10382 350 ONLNE	-----	-	01/20/15-05/22/15	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/spring/coursedescriptions/phys/#PHYS_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11771 001 F2F	M-W----	08:00-09:50 AM	01/21/15-05/22/15	SCI 117	Malek G	24 of 24

	Lab	----F--	08:00-10:50 AM	01/23/15-05/22/15	SCI 117		
11772	002 F2F	M-W----	11:00-12:50 PM	01/21/15-05/22/15	SCI 117	Malek G	24 of 24
	Lab	----F--	11:00-01:50 PM	01/23/15-05/22/15	SCI 117		
11773	003 F2F	MTWR---	09:00-09:50 AM	01/20/15-05/22/15	SCI 122	Weaver L	24 of 24
	Lab	-T-----	11:00-01:50 PM	01/20/15-05/22/15	SCI 121		
11774	004 F2F	MTWR---	10:00-10:50 AM	01/20/15-05/22/15	SCI 122	Weaver L	24 of 24
	Lab	--W----	11:00-01:50 PM	01/21/15-05/22/15	SCI 121		
11775	050 F2F	--W----	06:00-06:50 PM	01/21/15-05/22/15	SCI 122	Stites R	24 of 24
	Lab	--W----	07:00-09:50 PM	01/21/15-05/22/15	SCI 121		
		M-----	06:00-08:50 PM	01/26/15-05/22/15	SCI 122		

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/spring/coursedescriptions/phys/#PHYS_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open	
11776	001 F2F	MTWR---	08:00-08:50 AM	01/20/15-05/22/15	SCI 122	Weaver L	24 of 24
	Lab	---R---	11:00-01:50 PM	01/22/15-05/22/15	SCI 117		
11777	050 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	SCI 120	Thuma R	24 of 24
		M-----	06:00-06:50 PM	01/26/15-05/22/15	SCI 120		
	Lab	M-----	07:00-09:50 PM	01/26/15-05/22/15	SCI 117		

PHYS 133 - Applied Physics

This is a one-semester, comprehensive physics course intended for students enrolled in the biotechnology certificate program or an associate of applied science degree program. The course will cover all areas of applied physics, including mechanics, heat, thermodynamics, waves, electricity, magnetism, light, optics and some elements of modern physics. Emphasis will be placed on concepts and applications to real-life problems. This 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.

Credit Hours: 5

Prerequisite: Math 130 or higher passed with a grade of 'C' or higher in the past three years

Outline (http://catalog.jccc.edu/spring/coursedescriptions/phys/#PHYS_133)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11778 050 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	SCI 122	Faculty	24 of 24
	---R---	06:00-06:50 PM	01/22/15-05/22/15	SCI 122		
	Lab ---R---	07:00-09:50 PM	01/22/15-05/22/15	SCI 121		

PHYS 191 - Math & Physics for Games I

This introductory course focuses on the mathematics and physics concepts needed to program a variety of video game scenarios. Students will learn to use vectors and matrix transformations to model the motion of physical objects in two and three dimensions. Students will also learn various computer programming methods in order to model these mathematical and physical concepts. 3 hrs. lecture and 2 hrs. lab/wk.

Note: PHYS 191 and MATH 191 are the same course; do not enroll in both.

Credit Hours: 4

Associated Costs: \$0 to 100

Prerequisite: MATH 171 or MATH 173 with grade of "C" or higher or appropriate score on math assessment test and GAME 121

Outline (http://catalog.jccc.edu/spring/coursedescriptions/phys/#PHYS_191)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11779 001 F2F	M-W-F--	03:00-03:50 PM	01/21/15-05/22/15	RC 380	Patterson J	15 of 15
	Lab --W----	04:00-05:50 PM	01/21/15-05/22/15	RC 380		

Note: PHYS 191 and MATH 191 are the same course. Do not enroll in both.

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/spring/coursedescriptions/phys/#PHYS_214)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11780 001 F2F	M-----	03:00-04:15 PM	01/26/15-05/22/15	CLB 213	Rothrock K	24 of 24

PHYS 215 - Introduction to Teaching Math and Science II

Students learn about the middle school environment and work on math and science inquiry-based lesson analysis, design, and assessment. Student partners will plan and teach three inquiry-based lessons in a middle school. The course emphasizes writing 5E lesson plans with a focus on the importance of using appropriate questioning and assessment strategies throughout the lesson, as well as how to analyze and modify a lesson based on personal reflections and observer feedback. By the completion of the course, students should be able to reflect on their personal suitability/interest in teaching secondary math or science, and develop a feasible pathway to a career in teaching. MATH 215, ASTR 215, BIOL 215, CHEM 215, GEOS 215, PHYS 215 and PSCI 215 are the same course; enroll in only one. 1.25 hrs. lecture/wk.

Credit Hours: 1

Prerequisite: ASTR 214 or BIOL 214 or CHEM 214 or GEOS 214 or MATH 214 or PHYS 214 or PSCI 214 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/phys/#PHYS_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12840 001 F2F	--W----	03:00-04:15 PM	01/21/15-05/22/15	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/spring/coursedescriptions/phys/#PHYS_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11781 001 F2F	MTWR---	09:00-09:50 AM	01/20/15-05/22/15	SCI 120	Martinez D	24 of 24
	Lab -T-----	02:00-04:50 PM	01/20/15-05/22/15	SCI 121		
11782 002 F2F	MTWR---	10:00-10:50 AM	01/20/15-05/22/15	SCI 120	Martinez D	24 of 24
	Lab --W----	02:00-04:50 PM	01/21/15-05/22/15	SCI 121		

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/spring/coursedescriptions/phys/#PHYS_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11783 001 F2F	MTWR---	11:00-11:50 AM	01/20/15-05/22/15	SCI 122	Martinez D	24 of 24
	Lab ---R---	02:00-04:50 PM	01/22/15-05/22/15	SCI 117		
11784 050 F2F	-T-----	06:00-06:50 PM	01/20/15-05/22/15	SCI 120	Richman M	24 of 24
	Lab -T-----	07:00-09:50 PM	01/20/15-05/22/15	SCI 117		
	---R---	06:00-08:50 PM	01/22/15-05/22/15	SCI 120		

Political Science

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/spring/coursedescriptions/pols/#POLS_122)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10708 001 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	GEB 213	Bedell T	34 of 34
10709 002 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	GEB 213	Wright B	34 of 34
10710 003 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	GEB 213	Wright B	34 of 34
10711 004 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	GEB 213	Burns J	34 of 34
10714 201 F2F	-T-----	06:00-09:00 PM	02/03/15-05/22/15	GEB 213	Burns J	34 of 34
10715 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Alexander L	25 of 25
10716 351 ONLNE	-----	-	01/20/15-05/22/15	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/spring/coursedescriptions/pols/#POLS_124)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10718 002 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	GEB 213	Faulwell B	34 of 34
10719 003 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	GEB 213	Cusser J	34 of 34
10720 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Elmore C	25 of 25
10721 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Elmore C	25 of 25
12885 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Burns J	25 of 25

KBOR Seamless Transfer

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/spring/coursedescriptions/pols/#POLS_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10722 352 ONLNE	-----	-	01/20/15-05/22/15	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/spring/coursedescriptions/pols/#POLS_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10724 001 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	GEB 213	Wright B	34 of 34
10725 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Belzer G	25 of 25

POLS 200 - Model United Nations

This course is designed for students who are interested in learning and understanding international organizations and participating in competitive intercollegiate Model United Nations. This course orients students with the history, structure and function of the United Nations and those facets of an assigned country. This orientation will assist students in their preparation for the Model United Nations (MUN) conference during the spring semester. 3 hrs lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/pols/#POLS_200)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10727 001 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	GEB 213	Wright B	12 of 12

Requirement: Department approval

POLS 245 - Introduction to Public Administration

This course provides students the opportunity to explore public administration and public policy including institutional arrangements for the provision of public services and the study of those arrangements. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/pols/#POLS_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10728 350 ONLINE	-----	-	01/20/15-05/22/15	Online	Faulwell B	25 of 25

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/spring/coursedescriptions/psci/#PSCI_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11785 001 F2F	M-W----	09:00-11:50 AM	01/21/15-05/22/15	SCI 125	Finnicum S	24 of 24
11786 002 F2F	M-W----	01:00-03:50 PM	01/21/15-05/22/15	SCI 125	Hess J	24 of 24

11787 003 F2F	-T-R---	09:00-11:50 AM	01/20/15-05/22/15	SCI 125	Finnicum S	24 of 24
11788 004 F2F	-T-R---	02:00-04:50 PM	01/20/15-05/22/15	SCI 125	Finnicum S	24 of 24
11789 050 F2F	M-W----	06:00-08:50 PM	01/21/15-05/22/15	SCI 125	Hess J	24 of 24

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/spring/coursedescriptions/psci/#PSCI_214)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11790 001 F2F	M-----	03:00-04:15 PM	01/26/15-05/22/15	CLB 213	Rothrock K	24 of 24

PSCI 215 - Introduction to Teaching Math and Science II

Students learn about the middle school environment and work on math and science inquiry-based lesson analysis, design and assessment. Student partners will plan and teach three inquiry-based lessons in a middle school. The course emphasizes writing 5E lesson plans with a focus on the importance of using appropriate questioning and assessment strategies throughout the lesson, as well as how to analyze and modify a lesson based on personal reflections and observer feedback. By the completion of the course, students should be able to reflect on their personal suitability/interest in teaching secondary math or science, and develop a feasible pathway to a career in teaching. MATH 215, ASTR 215, BIOL 215, CHEM 215, GEOS 215, PHYS 215 and PSCI 215 are the same course; enroll in only one. 1.25 hrs. lecture/wk.

Credit Hours: 1

Prerequisite: ASTR 214 or BIOL 214 or CHEM 214 or GEOS 214 or MATH 214 or PHYS 214 or PSCI 214 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/psci/#PSCI_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12841 001 F2F	--W----	03:00-04:15 PM	01/21/15-05/22/15	CLB 213	Rothrock K	24 of 24

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/spring/coursedescriptions/psyc/#PSYC_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12408 201 F2F	M-----	03:00-05:50 PM	02/02/15-05/22/15	CLB 312	Creason L	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/spring/coursedescriptions/psyc/#PSYC_130)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
12409 001 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	CC 338	Bratt J	35 of 35
12410 002 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	CLB 312	Rader M	35 of 35
12411 003 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	GEB 342	Ward A	35 of 35
12412 004 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CLB 312	Rader M	35 of 35
12413 005 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	GP 102	Kappen D	25 of 25
12414 006 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CLB 312	Kappen D	35 of 35
12415 007 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	SCI 212	Pettitt J	35 of 35
12416 008 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CLB 312	Kappen D	35 of 35
12417 009 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	SCI 212	Rader M	35 of 35
12418 010 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	CLB 312	Kelly D	35 of 35
12419 011 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	CLB 312	Lawrenz C	35 of 35
12420 012 F2F	M-W-F--	02:00-02:50 PM	01/21/15-05/22/15	CLB 312	Riley N	35 of 35
12421 013 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	CLB 312	Riley N	35 of 35
12422 014 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	CLB 312	Riley N	35 of 35

12423 015 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	CLB 312	Sympson S	35 of 35
12424 016 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	SCI 212	Sympson S	35 of 35
12425 017 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CLB 312	Redburn B	35 of 35
12426 018 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CLB 312	Redburn B	35 of 35
12427 019 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	GEB 377	Ladd B	35 of 35
12428 020 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	SCI 212	Sympson S	35 of 35
12429 021 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CLB 312	Ward P	35 of 35
12430 022 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	SCI 212	Ward P	70 of 70
12431 023 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	GEB 377	Darrow R	35 of 35
12432 024 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	SCI 212	Ladd B	70 of 70
12433 025 F2F	-T-R---	03:30-04:45 PM	01/20/15-05/22/15	GEB 377	Darrow R	35 of 35
12434 026 F2F	-T-----	06:00-09:00 PM	01/20/15-05/22/15	 OHEC 107	Jones D	24 of 24
12435 202 F2F	M-W-F--	10:00-10:55 AM	02/02/15-05/22/15	 KUE	Kelly D	35 of 35
12436 203 F2F	---R---	06:00-09:00 PM	02/05/15-05/22/15	CLB 312	Jones D	35 of 35
12437 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Rader M	25 of 25
12438 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Klinger T	25 of 25
12439 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Klinger T	25 of 25
12440 353 ONLNE	-----	-	01/20/15-05/22/15	Online	Redburn B	25 of 25
12441 354 ONLNE	-----	-	01/20/15-05/22/15	Online	Redburn B	25 of 25

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/spring/coursedescriptions/psyc/#PSYC_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12442 001 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	GP 101	Schwartz L	25 of 25
12443 002 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	GP 102	Schwartz L	25 of 25
12444 350 ONLINE	-----	-	01/20/15-05/22/15	Online	Redburn B	25 of 25


PSYC 209 - Statistics in Psychological Research

This course introduces the use of statistics as applied to various research designs. The course "Methodology in Psychology" (PSYC210) and this course are designed for those planning to major in psychology. A wide range of statistical methods are used to analyze data collected in psychological research. Examples of different kinds of statistical methods will be used in this course to analyze data, informing the student of how to apply the proper statistical methods to data examples. Descriptive and inferential statistical methods with both parametric and nonparametric statistical tools are studied. The course emphasis is on which statistical tests are appropriate for transforming gathered observations into meaningful and useful information relevant to everyday life and the studies in various fields of psychology. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: PSYC 130 and MATH 171

Outline (http://catalog.jccc.edu/spring/coursedescriptions/psyc/#PSYC_209)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12445 001 F2F	--W----	04:00-06:50 PM	01/21/15-05/22/15	 KUE	Rader M	25 of 25

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/spring/coursedescriptions/psyc/#PSYC_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12446 001 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	GEB 377	Hinson J	35 of 35
Kansas Senate Bill SB 155						
12447 002 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	GEB 377	Hinson J	35 of 35
Kansas Senate Bill SB 155						
12448 004 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	SCI 212	Ladd B	35 of 35
Kansas Senate Bill SB 155						
12449 005 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	GEB 377	Hinson J	35 of 35

12450 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Slesser R	25 of 25
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12451 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Slesser R	25 of 25
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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/spring/coursedescriptions/psyc/#PSYC_218)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12452 001 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	GP 101	Pettitt J	25 of 25
12454 002 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	GEB 377	Peterson P	35 of 35
12455 003 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	GEB 377	Peterson P	35 of 35
12456 004 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	GEB 377	Peterson P	35 of 35
12457 005 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	GEB 377	Pettitt J	35 of 35
12458 006 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	GEB 377	Pettitt J	35 of 35
12459 007 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	GEB 377	Pettitt J	35 of 35
12460 008 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	GEB 377	Rebeck P	35 of 35
12461 009 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	GEB 377	Darrow R	35 of 35
12462 010 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	GEB 342	DeJarnette D	35 of 35
12463 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Salvato M	25 of 25
12464 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Salvato M	25 of 25
12465 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Klinger T	25 of 25
12466 353 ONLNE	-----	-	01/20/15-05/22/15	Online	Klinger T	25 of 25

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/spring/coursedescriptions/psyc/#PSYC_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12467 001 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	GEB 342	Ward A	35 of 35

PSYC 221 - Environmental Psychology

Environmental psychology will allow students to explore the relationship between the environment and human behavior. The premise of the course is that the social setting, environmental setting, and individual behavior are interrelated. The focus will be on (1) our relationships with the human built environment, (2) our relationships with the natural environment, (3) how humans adapt to changing environments, and (4) how we can coordinate our behavior to achieve sustainable relationships with our environment. The content of the course will appeal to individuals interested in urban planning, architecture, interior design, ecological sustainability, and community physical and psychological well-being. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: PSYC 130 or ITMD 121 or BIOL 130

Outline (http://catalog.jccc.edu/spring/coursedescriptions/psyc/#PSYC_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12487 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Ward A	25 of 25

PSYC 250 - Health Psychology

This course covers content, methods and theory regarding the interplay between psychological and biological determinants of health and illness and examines how these factors relate to health status. The course focus is on the application of psychological methods, principles of maintenance of health, prevention of disease, treatment of illness, and rehabilitation and recovery from impaired health. It follows an interdisciplinary approach to content and instruction. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: PSYC 130

Outline (http://catalog.jccc.edu/spring/coursedescriptions/psyc/#PSYC_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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Respiratory Care

Missouri residents see reverse cooperative information. For complete program information:
www.jccc.edu/respiratorycare (<http://www.jccc.edu/respiratorycare/>)

RC 231 - Clinical Topics and Procedures II



This course supplements the spring clinical experiences. Concepts, techniques and procedures learned in the fall semester are reinforced. The student will refine understandings of and skills in the acute care, basic emergency care and critical care settings. Emphasis will be on ventilator management of patients with specific lung insults, neurological compromise and cardiac problems. Advanced mechanical ventilation concepts and techniques will be addressed as they relate to physiologic effects, management and troubleshooting. Home care, pulmonary rehabilitation, physician-assisted procedures, cardiopulmonary stress testing, patient case management and department management will be addressed. 3 hrs. lecture, 3 hrs. lab/wk. Spring.

Credit Hours: 4

Associated Costs: \$100 to 200

Prerequisite: Successful completion of the fall sequence of respiratory care courses

Outline (http://catalog.jccc.edu/spring/coursedescriptions/rc/#RC_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12817 001 F2F	--W-F--	08:00-10:00 AM	01/21/15-05/22/15	 OHEC 115	Freund C Portmann R	18 of 18
	--W-F--	08:00-10:00 AM	01/21/15-05/22/15	 OHEC 119		

Kansas Senate Bill SB 155


RC 233 - Respiratory Care of Children

The focus will be on the respiratory care of neonatal and pediatric patients, with emphasis on the management of cardiopulmonary disease states unique to children. Information will be based on developmental anatomy and physiology, pathology, diagnostic/laboratory assessments, and associated patient management in the acute, critical, emergency care, transport and home care settings. 2 hrs./wk. Spring.

Credit Hours: 2

Prerequisite: RC 230

Outline (http://catalog.jccc.edu/spring/coursedescriptions/rc/#RC_233)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12818 001 F2F	--W----	10:00-12:00 PM	01/21/15-05/20/15	 OHEC 115	Randall A Portmann R	18 of 18

Kansas Senate Bill SB 155



RC 236 - Cardiopulmonary Medicine III

This is the third in a series of three courses that provide a detailed review of pulmonary disorders, their pathology and their management. 2 hrs. lecture/wk. Spring

Credit Hours: 2

Prerequisite: Successful completion of the fall sequence of respiratory care courses

Outline (http://catalog.jccc.edu/spring/coursedescriptions/rc/#RC_236)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12819 001 F2F	--W-F--	01:00-03:00 PM	01/21/15-05/22/15	 OHEC 115	Sanner C Portmann R	18 of 18
	--W-F--	01:00-03:00 PM	01/21/15-05/22/15	 OHEC 119		

Kansas Senate Bill SB 155

RC 272 - Clinical Practice II


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 critical respiratory care procedures for adults and children. Students will also be involved in specialty activities to include physician rounds, pulmonary rehabilitation, home care, and pulmonary function. 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. Spring.

Credit Hours: 6

Associated Costs: \$100 to 200

Prerequisite: Successful completion of the fall sequence of respiratory care courses

Outline (http://catalog.jccc.edu/spring/coursedescriptions/rc/#RC_272)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12820 001 CLI	MT-R---	06:00-06:00 PM	01/20/15-05/21/15	 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/spring/coursedescriptions/rdg/#RDG_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10839 001 F2F	-T-R---	11:00-12:40 PM	01/20/15-05/22/15	CC 321	Creason L	22 of 22
Note: Counselor approval is required. Additional instruction is provided. Requirement: Department approval						
10840 002 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	CC 321	Franklin S	22 of 22
10841 003 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CC 321	Rottinghaus D	22 of 22
10844 004 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CC 321	Sawyer C	22 of 22
10845 005 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CC 321	Rottinghaus D	22 of 22
10847 006 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	LIB 353B	Franklin S	22 of 22
10849 007 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	CC 321	Parra L	22 of 22
10851 008 F2F	M-W-F--	01:00-01:55 PM	02/02/15-05/22/15	CC 321	Rottinghaus D	22 of 22
11409 010 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	CC 321	Franklin S	22 of 22
11412 011 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CC 321	Sawyer C	22 of 22
11420 012 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	SCI 218	Parra L	22 of 22
11428 013 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	SCI 116	Sawyer C	22 of 22
11430 015 F2F	-T-R---	02:00-03:20 PM	02/03/15-05/22/15	CC 321	Creason L	22 of 22
11432 017 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	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/spring/coursedescriptions/rdg/#RDG_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11439 376 HYB	-T-----	12:30-01:45 PM	01/20/15-05/22/15	GEB 215	Parra L	22 of 22
	-----	-	01/20/15-05/22/15	Online		

Mandatory Classroom Meetings

Note: RDG 127 376 has required weekly class meetings; remaining instruction is online. Contact the instructor, Lisa Parra, at 913-469-8500, ext. 5363, or lparra@jccc.edu for more information. This course incorporates sustainability themes as part of JCCC's sustainability across the curriculum initiative.

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/spring/coursedescriptions/rel/#REL_120)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10526 001 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CC 338	Bevell Hull M	35 of 35
10527 002 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	CC 338	Hoare T	35 of 35
10528 003 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CC 338	Hoare T	35 of 35
10529 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Robertson M	25 of 25
10530 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Robertson M	25 of 25

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 \(http://catalog.jccc.edu/spring/coursedescriptions/rel/#REL_125\)](http://catalog.jccc.edu/spring/coursedescriptions/rel/#REL_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10531 001 F2F	-T-R---	03:30-04:45 PM	01/20/15-05/22/15	GEB 317	Hoare T	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 \(http://catalog.jccc.edu/spring/coursedescriptions/rel/#REL_126\)](http://catalog.jccc.edu/spring/coursedescriptions/rel/#REL_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10532 001 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	CC 338	MacArthur S	35 of 35

Science

SCI 292 - Special Topics:

This course periodically offers specialized or advanced discipline-specific content related to diverse areas of science, not offered in the normal curriculum, to interested and qualified students within the program. Topics will not be repeated within a 24 month period.

Credit Hours: 3

Prerequisite: Department approval

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/sci/#SCI_292\)](http://catalog.jccc.edu/spring/coursedescriptions/sci/#SCI_292)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12828 001 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	CLB 411	Beatty L Patterson J	24 of 24

This section's title is Special Topics: Mars:Planet and Process.

Note: This course examines the development of Mars as a planet in our Solar System and compares and contrasts the processes that have shaped and continue to shape Mars with Earth. Department Approval required to enroll in this course. Prerequisites are ASTR 120 or ASTR 122 or GEOS 130 or GEOS 140. Student must have access to a computer and the ability to download free software.

Requirement: Department approval

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 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 \(http://catalog.jccc.edu/spring/coursedescriptions/soc/#SOC_122\)](http://catalog.jccc.edu/spring/coursedescriptions/soc/#SOC_122)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
12113 001 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	GEB 240	Dallman R	35 of 35
12114 002 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	GEB 375	Zale S	35 of 35
12115 003 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	GP 102	Divney J	25 of 25
12116 004 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	GEB 375	Zale S	35 of 35
12117 005 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	SCI 112	Divney J	35 of 35
12118 006 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	OCB 142	Killeen J	24 of 24
12120 007 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	GEB 375	Foster M	35 of 35
12121 008 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	GEB 342	Killeen J	35 of 35
12122 009 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	GEB 375	Divney J	35 of 35
12123 010 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	GEB 375	Dallman R	35 of 35
12124 011 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	GEB 240	Shafer S	35 of 35
12125 012 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	GEB 375	Dallman R	35 of 35
12126 013 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	GEB 375	Divney J	35 of 35
12127 014 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CC 352	Zirkle B	35 of 35
12128 015 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	GEB 240	Shafer S	35 of 35
12129 016 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	GEB 375	Grinter B	35 of 35
12130 017 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	GEB 240	Pant R	35 of 35
12131 018 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	GEB 375	Grinter B	35 of 35
12137 019 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	GEB 240	Pant R	35 of 35
12139 020 F2F	M-W-F--	02:00-02:50 PM	01/21/15-05/22/15	GEB 375	Foster M	35 of 35
12141 021 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	GEB 375	Seiler C	35 of 35

12142 022 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	GEB 375	Seiler C	35 of 35
12145 023 F2F	---R---	06:00-08:50 PM	01/22/15-05/22/15	GEB 375	Whitman L	35 of 35
12146 024 F2F	-----S-	01:00-03:50 PM	01/24/15-05/22/15	GEB 240	Whitman L	35 of 35
12147 201 F2F	M-W-F--	10:00-10:55 AM	02/02/15-05/22/15	 KUE	Rodenberg T	35 of 35
12148 202 F2F	-T-R---	11:00-12:25 PM	02/03/15-05/22/15	 KUE	Burbidge S	35 of 35
12149 203 F2F	--W----	06:00-09:00 PM	02/04/15-05/22/15	 OHEC 105	Burbidge S	35 of 35
12150 204 F2F	M-W----	07:00-09:50 PM	03/23/15-05/17/15	CC 126A	Spence J	24 of 24

Two x 2 x 2

Note: SOC 122-204 is an eight-week class and part of the new Two-by-Two Degree Schedule. It moves twice as fast in half the time so students can complete the class in half-a-semester. The class is open to all students who have completed the required pre-requisites.

12152 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Ketter T	25 of 25
12153 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Ketter T	25 of 25
12154 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Ketter T	25 of 25
12155 353 ONLNE	-----	-	01/20/15-05/22/15	Online	Petrovic U	25 of 25
12156 426 SEL	-----	-	01/20/15-12/13/15		Grinter B	6 of 6

Note: For details about the self-paced course SOC 122-426, please email the instructor, Barb Grinter, bgrinter@jccc.edu. This self-paced course will take longer than one academic semester to complete. It is designed to give students increased flexibility regarding their academic pursuits.

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 \(http://catalog.jccc.edu/spring/coursedescriptions/soc/#SOC_125\)](http://catalog.jccc.edu/spring/coursedescriptions/soc/#SOC_125)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
12158 001 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	GEB 240	Zirkle B	35 of 35
12159 002 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	GEB 240	Zirkle B	35 of 35
12160 003 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	GEB 240	Foster M	35 of 35
12161 004 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	GEB 240	Grinter B	35 of 35
12162 005 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	SCI 212	Foster M	35 of 35

12163 006 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	GEB 342	Foster M	35 of 35
12165 007 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	GEB 240	Kuntz K	35 of 35
12169 201 F2F	---R---	06:00-09:00 PM	02/05/15-05/22/15	GEB 240	Seiler C	35 of 35
12170 202 F2F	M-W-F--	08:00-08:55 AM	02/02/15-05/22/15	 KUE	Rodenberg T	35 of 35
12171 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Petrovic U	25 of 25
12172 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Petrovic U	25 of 25

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/spring/coursedescriptions/soc/#SOC_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12781 001 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	GEB 317	Divney J	35 of 35
Kansas Senate Bill SB 155						
12782 002 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	PA 145	Faculty	32 of 32
Kansas Senate Bill SB 155						
12783 003 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	PA 145	Ladd G	32 of 32
Kansas Senate Bill SB 155						
12784 004 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	PA 133	Daniels M	32 of 32
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/spring/coursedescriptions/soc/#SOC_131)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
12173 001 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	GEB 240	Dallman R	35 of 35

12174 002 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	GEB 375	Dallman R	35 of 35
12175 003 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	GEB 342	Pant R	35 of 35
12176 004 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	GEB 375	Divney J	35 of 35
12177 005 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	CC 338	Whitman L	35 of 35
12178 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Blobaum E	25 of 25
12179 351 ONLNE	-----	-	01/20/15-05/22/15	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/spring/coursedescriptions/soc/#SOC_146)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12180 001 F2F	---R---	06:00-08:50 PM	01/22/15-05/22/15	CC 344	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/spring/coursedescriptions/soc/#SOC_147)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12181 001 F2F	---R---	02:00-04:50 PM	01/22/15-05/22/15	OCB 144	Vause C	26 of 26

SOC 165 - Chinese Society: Past and Present

An introduction to Chinese society since 1949, this course examines Chinese society and culture and focuses on contemporary social change while tracing the historical roots of Chinese culture and institutions. Social processes such as social movements, institutional development, political change, social organization and conflict are examined and analyzed. 3 hrs. lecture/wk. This course is typically offered in the spring semester.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/soc/#SOC_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12182 350 ONLINE	-----	-	01/20/15-05/22/15	Online	Shafer S	25 of 25

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/spring/coursedescriptions/soc/#SOC_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12183 001 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	OCB 144	Zirkle B	26 of 26

SOC 240 - Sociology of Community

In a world of instantaneous and mobile communication, many social observers and scholars suggest that community is being lost, and increasing numbers of Americans report feeling increasingly alienated from the people with whom bonds were traditionally the strongest. Taking this apparent paradox as its starting point, this course will examine the impact of macro-social forces such as economic transition, globalization, and technological advance on American communities, focusing especially on the post-Great Depression era. Students will explore the various bases on which communities are formed, as well as assessing threats to community solidarity. In its final analysis, this course will ask: Is community truly being lost, or is it simply changing form? 3hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/soc/#SOC_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12184 350 ONLINE	-----	-	01/20/15-05/22/15	Online	Blobaum E	25 of 25

SOC 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/spring/coursedescriptions/soc/#SOC_291)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12185 960 IND	-----	-	01/20/15-05/22/15		Faculty	6 of 6

Requirement: Department approval

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/spring/coursedescriptions/spd/#SPD_120)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
12650 001 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	CC 331	Sewell E	25 of 25
12651 002 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CC 331	Sewell E	25 of 25
12652 003 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CC 332	Vasquez A	25 of 25
12653 004 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CC 332	Vasquez A	25 of 25
12654 005 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CC 332	Vasquez A	25 of 25
12655 006 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	CC 352	Schrag C	25 of 25
12657 008 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	CC 352	Schrag C	25 of 25
12659 010 F2F	M-W----	04:00-05:30 PM	02/02/15-05/22/15	CC 332	Kiser M	25 of 25
12660 011 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	CC 331	Fagan M	25 of 25
12661 012 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CC 332	Fagan M	25 of 25
12662 013 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CC 331	Welsch L	25 of 25
12663 014 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CC 332	Welsch L	25 of 25

12664 015 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CC 331	Fagan M	25 of 25
12666 017 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CC 331	Naeymi D	25 of 25
12667 018 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CC 332	Buta C	25 of 25
12668 019 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	CC 332	Buta C	25 of 25
12669 020 F2F	-T-R---	03:30-04:45 PM	01/20/15-05/22/15	CC 332	Buta C	25 of 25
12670 021 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	CC 332	Naeymi D	25 of 25
12671 022 F2F	-T-----	06:00-09:05 PM	02/03/15-05/22/15	 OHEC 143	Taveirne K	25 of 25
12672 023 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	CC 332	Gibbens M	25 of 25
12673 024 F2F	---R---	06:00-08:50 PM	01/22/15-05/22/15	CC 332	Luongo J	25 of 25
12674 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Anderson R	18 of 18
12675 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Anderson R	18 of 18
12676 352 ONLNE	-----	-	01/20/15-05/22/15	Online	Anderson R	18 of 18
12677 353 ONLNE	-----	-	01/20/15-05/22/15	Online	Gibbens M	18 of 18
12678 354 ONLNE	-----	-	01/20/15-05/22/15	Online	Sewell E	18 of 18

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 \(http://catalog.jccc.edu/spring/coursedescriptions/spd/#SPD_121\)](http://catalog.jccc.edu/spring/coursedescriptions/spd/#SPD_121)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
12693 001 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	CC 312	Ellsworth E	20 of 20
12694 002 F2F	M-W-F--	08:00-08:50 AM	01/21/15-05/22/15	CC 216	Mohr M	20 of 20
12695 003 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CC 312	Ellsworth E	20 of 20
12696 004 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CC 216	Mohr M	20 of 20
12697 005 F2F	M-W-F--	09:00-09:50 AM	01/21/15-05/22/15	CC 318	Rose S	20 of 20
12698 006 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CC 331	Craig B	20 of 20

12699 007 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CC 312	Ellsworth E	20 of 20
12700 008 F2F	M-W-F--	10:00-10:50 AM	01/21/15-05/22/15	CC 216	Mohr M	20 of 20
12701 009 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CC 331	Craig B	20 of 20
12702 010 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CC 312	Rose S	20 of 20
12703 011 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	CC 325	Schrag C	20 of 20
12704 012 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	CC 312	Rose S	20 of 20
12705 013 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	CC 325	Cramer D	20 of 20
12706 014 F2F	M-W-F--	12:00-12:50 PM	01/21/15-05/22/15	CC 331	Craig B	20 of 20
12707 015 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	CC 325	Cramer D	20 of 20
12708 016 F2F	M-W-F--	01:00-01:50 PM	01/21/15-05/22/15	CC 331	Rose T	20 of 20
12709 017 F2F	--W-F--	10:00-11:15 AM	01/21/15-05/22/15	CC 318	Coupe K	20 of 20
12710 018 F2F	--W-F--	11:30-12:45 PM	01/21/15-05/22/15	CC 318	Coupe K	20 of 20
12711 019 F2F	--W-F--	01:00-02:15 PM	01/21/15-05/22/15	CC 318	Coupe K	20 of 20
12713 021 F2F	M-W----	12:30-01:45 PM	01/21/15-05/22/15	CC 216	Wichman T	20 of 20
12715 023 F2F	M-W----	02:00-03:15 PM	01/21/15-05/22/15	CC 331	Wichman T	20 of 20
12716 024 F2F	M-W----	03:00-04:15 PM	01/21/15-05/22/15	CC 312	Mayo S	20 of 20
12717 025 F2F	M-W----	04:00-06:50 PM	01/21/15-03/11/15	CC 229	Geiger W	20 of 20
Two x 2 x 2						
12718 026 F2F	M-W----	04:00-06:50 PM	03/23/15-05/13/15	CC 229	Geiger W	20 of 20
12719 027 F2F	-T-R---	08:00-09:15 AM	01/20/15-05/22/15	CC 325	Luongo J	20 of 20
12720 028 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	GEB 238	Stanley J	15 of 15
This section's title is Public Speaking Honors.						
Honors Course						
12721 029 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CC 312	Stout D	20 of 20
12722 030 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CC 216	Young M	20 of 20
12723 031 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CC 325	Luongo J	20 of 20
12724 032 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CC 216	Stanley J	20 of 20
12726 034 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CC 312	Naeymi D	20 of 20
12727 035 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CC 312	Stout D	20 of 20

12728	036 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CC 325	Young M	20 of 20
12729	037 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CC 318	Hilton M	20 of 20
12730	038 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	CC 312	Stout D	20 of 20
12731	039 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	CC 318	Hilton M	20 of 20
12733	041 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	CC 318	Heapes T	20 of 20
12734	042 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	CC 331	Hilton M	20 of 20
12735	043 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	CC 325	Schaefer M	20 of 20
12736	044 F2F	-T-----	06:00-08:50 PM	01/20/15-05/22/15	CC 318	Broxterman P	20 of 20
12737	045 F2F	-T-----	06:00-09:05 PM	02/03/15-05/22/15	 SMN	Faculty	20 of 20
12739	046 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	CC 318	Patrick B	20 of 20
12740	047 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	CC 331	Kiser M	20 of 20
12741	048 F2F	---R---	06:00-08:50 PM	01/22/15-05/22/15	CC 318	Geiger W	20 of 20
12742	049 F2F	---R---	06:00-08:50 PM	01/22/15-05/22/15	CC 325	Schaefer M	20 of 20
12743	050 F2F	---R---	06:00-09:05 PM	02/05/15-05/22/15	 DSH	Faculty	20 of 20
12744	051 F2F	-----S-	09:00-11:50 AM	01/24/15-05/22/15	CC 325	Schaefer M	20 of 20
12745	052 F2F	-----U	12:00-02:50 PM	01/25/15-05/22/15	CC 325	Ayers J	20 of 20
12746	376 HYB	-----	-	01/20/15-03/15/15	Online	Anderson R	15 of 15
		M-----	10:00-12:50 PM	02/16/15-02/16/15	CC 318		
		M-----	10:00-12:50 PM	02/23/15-02/23/15	CC 318		
		M-----	10:00-12:50 PM	03/02/15-03/02/15	CC 318		
		M-----	10:00-12:50 PM	03/09/15-03/09/15	CC 318		
Mandatory Classroom Meetings							
12747	377 HYB	-----	-	02/16/15-04/19/15	Online	Anderson R	15 of 15
		M-----	10:00-12:50 PM	03/23/15-03/23/15	CC 318		
		M-----	10:00-12:50 PM	03/30/15-03/30/15	CC 318		
		M-----	10:00-12:50 PM	04/06/15-04/06/15	CC 318		
		M-----	10:00-12:50 PM	04/13/15-04/13/15	CC 318		
Mandatory Classroom Meetings							
12748	378 HYB	-----	-	01/20/15-05/22/15	Online	Miller D	15 of 15
		-T-----	03:00-05:50 PM	02/17/15-02/17/15	CC 325		
		-T-----	03:00-05:50 PM	03/10/15-03/10/15	CC 325		

	-T-----	03:00-05:50 PM	04/07/15-04/07/15	CC 325		
	-T-----	03:00-05:50 PM	04/28/15-04/28/15	CC 325		
Mandatory Classroom Meetings						
12749 379 HYB	-----	-	01/20/15-05/22/15	Online	Miller D	15 of 15
	-T-----	03:00-05:50 PM	02/24/15-02/24/15	CC 325		
	-T-----	03:00-05:50 PM	03/24/15-03/24/15	CC 325		
	-T-----	03:00-05:50 PM	04/14/15-04/14/15	CC 325		
	-T-----	03:00-05:50 PM	05/05/15-05/05/15	CC 325		
Mandatory Classroom Meetings						
12750 380 HYB	-----	-	01/20/15-05/22/15	Online	Miller D	15 of 15
	-T-----	03:00-05:50 PM	03/03/15-03/03/15	CC 325		
	-T-----	03:00-05:50 PM	03/31/15-03/31/15	CC 325		
	-T-----	03:00-05:50 PM	04/21/15-04/21/15	CC 325		
	-T-----	03:00-05:50 PM	05/12/15-05/12/15	CC 325		
Mandatory Classroom Meetings						
12751 381 HYB	-----	-	01/20/15-05/22/15	Online	Welsch L	15 of 15
	--W----	06:00-08:50 PM	02/18/15-02/18/15	CC 325		
	--W----	06:00-08:50 PM	03/11/15-03/11/15	CC 325		
	--W----	06:00-08:50 PM	04/08/15-04/08/15	CC 325		
	--W----	06:00-08:50 PM	04/29/15-04/29/15	CC 325		
Mandatory Classroom Meetings						
12754 384 HYB	-----	-	01/20/15-05/22/15	Online	Easley T	15 of 15
	----S-	09:00-11:50 AM	02/14/15-02/14/15	CC 332		
	----S-	09:00-11:50 AM	03/07/15-03/07/15	CC 332		
	----S-	09:00-11:50 AM	04/18/15-04/18/15	CC 332		
	----S-	09:00-11:50 AM	05/02/15-05/02/15	CC 332		
Mandatory Classroom Meetings						
12755 385 HYB	-----	-	01/20/15-05/22/15	Online	Easley T	15 of 15
	----S-	12:30-03:20 PM	02/14/15-02/14/15	CC 332		
	----S-	12:30-03:20 PM	03/07/15-03/07/15	CC 332		
	----S-	12:30-03:20 PM	04/18/15-04/18/15	CC 332		
	----S-	12:30-03:20 PM	05/02/15-05/02/15	CC 332		
Mandatory Classroom Meetings						
12756 386 HYB	-----	-	01/20/15-05/22/15	Online	Easley T	15 of 15
	----S-	09:00-11:50 AM	02/21/15-02/21/15	CC 332		
	----S-	09:00-11:50 AM	03/28/15-03/28/15	CC 332		
	----S-	09:00-11:50 AM	04/25/15-04/25/15	CC 332		

Mandatory Classroom Meetings

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 \(http://catalog.jccc.edu/spring/coursedescriptions/spd/#SPD_125\)](http://catalog.jccc.edu/spring/coursedescriptions/spd/#SPD_125)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
12679 001 F2F	M-W----	04:30-05:45 PM	01/21/15-05/22/15	CC 331	Mayo S	22 of 22
12680 002 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CC 216	Koesten C	22 of 22
12681 003 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	CC 216	Koesten C	22 of 22
12682 004 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	CC 312	Mayo S	22 of 22

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 \(http://catalog.jccc.edu/spring/coursedescriptions/spd/#SPD_130\)](http://catalog.jccc.edu/spring/coursedescriptions/spd/#SPD_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12689 001 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	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/spring/coursedescriptions/spd/#SPD_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12690 001 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	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/spring/coursedescriptions/spd/#SPD_180)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
12683 001 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	CC 325	Easley T	22 of 22
12685 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Miller D	18 of 18
12686 351 ONLNE	-----	-	01/20/15-05/22/15	Online	Miller D	18 of 18
12687 352 ONLNE	-----	-	02/02/15-05/22/15	Online	Easley T	15 of 15

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.

Credit Hours: 3

Prerequisite: SPD 132 or equivalent course

Outline (http://catalog.jccc.edu/spring/coursedescriptions/spd/#SPD_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12691 001 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	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/spring/coursedescriptions/spd/#SPD_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12692 001 F2F	--W----	06:00-08:50 PM	01/21/15-05/22/15	CC 216	Stanley J Stout D	25 of 25

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/spring/coursedescriptions/thea/#THEA_120)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10293 001 F2F	M-W-F--	11:00-11:50 AM	01/21/15-05/22/15	GEB 342	Urban A	35 of 35
10294 002 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	GEB 342	Crenshaw C	35 of 35
10295 003 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	GEB 342	Philip S	35 of 35
10296 004 F2F	-T-R---	03:00-03:15 PM	01/20/15-05/22/15	GEB 342	Urban A	35 of 35

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/spring/coursedescriptions/thea/#THEA_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10298 001 F2F	M-W----	10:30-11:45 AM	01/21/15-05/22/15	CC BLBOX	Paulette C	15 of 15
10299 002 F2F	M-W----	04:00-05:15 PM	01/21/15-05/22/15	CC 232	Schmidli M	15 of 15
10300 003 F2F	-T-R---	11:00-12:15 PM	01/20/15-05/22/15	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/spring/coursedescriptions/thea/#THEA_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10301 001 F2F	-T-R---	09:30-10:45 AM	01/20/15-05/22/15	CC BLBOX	Pettigrew B	15 of 15
10302 002 F2F	-T-R---	04:00-05:15 PM	01/20/15-05/22/15	CC 232	Noble T	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.

Credit Hours: 1

Outline (http://catalog.jccc.edu/spring/coursedescriptions/thea/#THEA_133)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10303 501 INT	-----	-	01/20/15-05/22/15		Barnett P	10 of 10

Requirement: Department approval

THEA 135 - Stage Makeup

An introductory course designed to provide an understanding of, and practical skill in, the design and application of makeup for theatrical performance. 1 hr. lecture, 1 hr. lab/wk. This course is typically taught in the spring semester.

Credit Hours: 2

Associated Costs: \$30 to 60

Outline (http://catalog.jccc.edu/spring/coursedescriptions/thea/#THEA_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10304 001 F2F	M-----	04:00-05:50 PM	01/26/15-05/22/15	CC 296	Flaharty G	17 of 17

THEA 137 - Movement for the Stage

The student will develop techniques to expand kinesthetic awareness, flexibility, physical freedom and the language of movement. Through the use of exercises to free, develop and strengthen physical vocabulary, the student will be better able to communicate the physical life of a character. Skills acquired in this course will include mime, stage combat, commedia, improvisation and circus techniques. 3 hrs. lecture/wk. This course is typically taught in the spring semester.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/thea/#THEA_137)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10305 001 F2F	M-W----	09:00-10:15 AM	01/21/15-05/22/15	CC BLBOX	Paulette C	20 of 20

THEA 145 - Introduction to Theater Design

This lecture and studio class introduces the theory and practice of theater design and the graphics and standards of entertainment technology. Emphasis will be on the processes and practices used in designing for the performing arts. Using course-taught computer and hand-based drawing techniques, the student will create a portfolio of his or her work through in-class projects. 2 hrs. lecture, 2 hrs. lab/wk. This course is typically offered in the spring semester.

Credit Hours: 3

Associated Costs: \$20 to 80

Outline (http://catalog.jccc.edu/spring/coursedescriptions/thea/#THEA_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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THEA 230 - Acting II

This continuation of Acting I will focus on more in-depth character analysis and development, emphasizing the actor's responsibility in creating the character. 3 hrs./wk. plus rehearsals and performances. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: THEA 130

Outline (http://catalog.jccc.edu/spring/coursedescriptions/thea/#THEA_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10307 001 F2F	-T-R---	12:30-01:45 PM	01/20/15-05/22/15	CC BLBOX	Pettigrew B	15 of 15

THEA 232 - Play Reading and Production

This course is an introductory survey in the process of reading and producing plays. The focus of the course will be on reading a play and understanding the steps necessary to create a production of that play. Some of the topics explored will include play selection, script analysis, the audition process, the rehearsal process, stage management, directing, and the actor-audience-director relationship. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: THEA 120

Outline (http://catalog.jccc.edu/spring/coursedescriptions/thea/#THEA_232)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10308 001 F2F	----F--	10:00-12:50 PM	01/23/15-05/22/15	CC BLBOX	Pettigrew B	15 of 15

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/spring/coursedescriptions/thea/#THEA_233)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10309 501 INT	-----	-	01/20/15-05/22/15		Barnett P	10 of 10

Requirement: Department approval

THEA 240 - Introduction to Costume Design

A 16-week course designed to introduce basic techniques in costume design and research and to provide an overview of the scope and impact of costume as a technical and artistic aspect of theater and film. 1 hr. lecture, 1 hr. lab/wk. This course is typically taught in the spring semester.

Credit Hours: 1

Outline (http://catalog.jccc.edu/spring/coursedescriptions/thea/#THEA_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10310 001 F2F	M-----	01:00-02:50 PM	01/26/15-05/22/15	CC 296	Vogel K	10 of 10

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/spring/coursedescriptions/thea/#THEA_292)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10312 001 F2F	M-W----	12:00-01:15 PM	01/21/15-05/22/15	CC BLBOX	Noble T	15 of 15

This section's title is Special Topics: Acting through Song.

To obtain department approval, e-mail Beate Pettigrew. bpettigr@jccc.edu (please include your JCCC student ID number)

Requirement: Department approval

10313 002 F2F	M-----	06:00-08:50 PM	01/26/15-05/22/15	CC 182	Langdon R	15 of 15
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This section's title is Special Topics: Light Production.

To obtain department approval, e-mail Beate Pettigrew. bpettigr@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/spring/coursedescriptions/wgs/#WGS_201)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12469 350 ONLNE	-----	-	01/20/15-05/22/15	Online	Klinger T	25 of 25

WGS 220 - The Many Women of Islam

This course introduces students to Islam and the many ways in which Islam views women. It explores the relationship of the ideal teachings of the Qur'an to the everyday realities of marriage, family, divorce, education, religious participation, health, reproduction, violence, body image, economics, the workplace, political participation, and other topics in the context of the many nations and cultures in which Muslim women reside. Underlying the unity of the Islamic world is a diversity of interpretations and practices that are mediated by those many nations and cultures which compose it. This diversity within unity is reflected in the lives of the many women of Islam. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/wgs/#WGS_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12470 001 F2F	-T-R---	02:00-03:15 PM	01/20/15-05/22/15	GP 101	Hussein S	25 of 25

Promoted Searches

- Online Classes (/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)
- Classes Starting Soon (/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)
- Short-term Classes (/student/ClassSearch/class/results/term_type/Credit?query=keywords%3Ashortterm&ecid=featured)
- Two x 2 x 2 Classes (/student/ClassSearch/class/results/term_type/Credit?query=keywords%3A2x2&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.