

Credit Fall 2016

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Note: Fall 2016 enabled in Class Search Staging site.

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/coursedescriptions/aac#AAC_100)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81021 001 IND	-----	-	08/22/16-12/18/16	OCB 304	Merritt J	30 of 30
81027 002 IND	-----	-	10/17/16-12/18/16	OCB 304	Merritt J	30 of 30

AAC 101 - Study Skills Mini-Course

This class is a regularly scheduled class designed to improve students' ability to study efficiently. The focus is an array of skills the college student needs, i.e., test-taking skills and note-taking skills, using a textbook, critical reading and memory recall, and effective listening and classroom strategies. Also covered are services the college offers to facilitate the learning experience for the college student, i.e., the Writing Center, the Math Resource Center, the Academic Achievement Center, the Student Success Center and the Billington Library. The format includes reading, discussion and application activities. This course does not fulfill degree requirements. This course does not fulfill degree requirements and is not federal aid eligible.

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

Credit Hours: 1

Associated Costs: \$2 to 5

Outline (http://catalog.jccc.edu/coursedescriptions/aac#AAC_101)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81031 001 F2F	-T-----	12:30-02:45 PM	10/11/16-11/15/16	PA 134	Jonason P	15 of 15

AAC 102 - Basic Spelling

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

Credit Hours: 3

Associated Costs: \$2 to 5

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
81022 001 IND	-----	-	08/22/16-12/18/16	OCB 304	Merritt J	100 of 100
81028 002 IND	-----	-	09/06/16-12/18/16	OCB 304	Merritt J	50 of 50

AAC 106 - Vocabulary Development

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

Credit Hours: 1

Associated Costs: \$2 to 5

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
81023 001 IND	-----	-	08/22/16-12/18/16	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 \(http://catalog.jccc.edu/coursedescriptions/aac#AAC_112\)](http://catalog.jccc.edu/coursedescriptions/aac#AAC_112)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81024 001 IND	-----	-	08/22/16-12/18/16	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 \(http://catalog.jccc.edu/coursedescriptions/aac#AAC_113\)](http://catalog.jccc.edu/coursedescriptions/aac#AAC_113)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81025 001 IND	-----	-	08/22/16-12/18/16	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/coursedescriptions/aac#AAC_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81026 001 IND	-----	-	08/22/16-12/18/16	OCB 304	Merritt J	50 of 50
81029 002 IND	-----	-	09/19/16-12/18/16	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/coursedescriptions/aac#AAC_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80803 350 ONLINE	-----	-	09/05/16-12/18/16	Online	Hanysz S	20 of 20

Note: For more information, contact the instructor, Sherri Hanysz at shanysz@jccc.edu.

AAC 135 - Career and Life Planning

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

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

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/aac#AAC_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80804 001 F2F	-T-R--	11:00-12:15 PM	08/23/16-12/18/16	SCI 122	Frigault R	25 of 25
80805 002 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	 OHEC 143	Belk P	20 of 20
80806 003 F2F	M-----	06:00-09:05 PM	09/12/16-12/18/16	 LPC	Stevens L	15 of 15
80807 004 F2F	--W----	06:00-09:05 PM	09/07/16-12/18/16	 SMN	Chapkin L	20 of 20

Accounting

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/coursedescriptions/acct/#ACCT_111)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80017 001 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	GEB 363	Alexander W	20 of 20
<i>Kansas Senate Bill SB 155</i>						
80020 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Farmer C	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80024 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Farmer C	24 of 24
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/acct/#ACCT_121)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
80026 001 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	GEB 363	Forbes H	20 of 20
<i>Kansas Senate Bill SB 155</i>						
80038 002 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	GEB 254	King A	30 of 30
<i>Kansas Senate Bill SB 155</i>						
80039 003 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	GEB 254	King A	30 of 30
<i>Kansas Senate Bill SB 155</i>						
80043 004 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	GEB 254	Krug D	30 of 30
<i>Kansas Senate Bill SB 155</i>						
80044 005 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	GEB 254	Spoolstra A	30 of 30
<i>Kansas Senate Bill SB 155</i>						
80062 006 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	GEB 254	Spoolstra A	30 of 30
<i>Kansas Senate Bill SB 155</i>						
80067 008 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/18/16	GEB 254	Megariss M	30 of 30
<i>Kansas Senate Bill SB 155</i>						
80069 009 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	GEB 254	Silverstein J	30 of 30
<i>Kansas Senate Bill SB 155</i>						
80071 010 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	GEB 254	Jones D	30 of 30
<i>Kansas Senate Bill SB 155</i>						
80073 011 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	GEB 254	Gluhovskyy A	30 of 30
<i>Kansas Senate Bill SB 155</i>						
80077 012 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	GEB 256	Kolich R	30 of 30
<i>Kansas Senate Bill SB 155</i>						
80081 013 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	GEB 254	Kolich R	30 of 30
<i>Kansas Senate Bill SB 155</i>						
80083 014 F2F	-T-R---	04:30-05:45 PM	08/23/16-12/18/16	GEB 254	Henn R	30 of 30
<i>Kansas Senate Bill SB 155</i>						
80085 015 F2F	-T-----	06:00-08:50 PM	08/23/16-12/18/16	GEB 254	Wright J	30 of 30
<i>Kansas Senate Bill SB 155</i>						
80094 016 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	GEB 254	Holbrook C	30 of 30
<i>Kansas Senate Bill SB 155</i>						
80102 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Krug D	24 of 24

80104	351 ONLNE	-----	-	08/22/16-12/18/16	Online	Krug D	24 of 24
<i>Kansas Senate Bill SB 155</i>							
80105	352 ONLNE	-----	-	08/22/16-12/18/16	Online	Fisher E	24 of 24
<i>Kansas Senate Bill SB 155</i>							
80110	353 ONLNE	-----	-	08/22/16-12/18/16	Online	Fisher E	24 of 24
<i>Kansas Senate Bill SB 155</i>							
80114	354 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	24 of 24
<i>Kansas Senate Bill SB 155</i>							
80115	355 ONLNE	-----	-	09/05/16-12/18/16	Online	Faculty	24 of 24
<i>Kansas Senate Bill SB 155</i>							
80116	356 ONLNE	-----	-	09/05/16-12/18/16	Online	Faculty	24 of 24
<i>Kansas Senate Bill SB 155</i>							
80125	357 ONLNE	-----	-	09/05/16-12/18/16	Online	Faculty	24 of 24
<i>Kansas Senate Bill SB 155</i>							
80117	358 ONLNE	-----	-	08/22/16-10/16/16	Online	Cole L	24 of 24
<i>Kansas Senate Bill SB 155</i>							

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/coursedescriptions/acct/#ACCT_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open	
80137	001 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	GEB 256	Krug D	30 of 30
<i>Kansas Senate Bill SB 155</i>							
80142	002 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	GEB 256	Krug D	30 of 30
<i>Kansas Senate Bill SB 155</i>							
80144	003 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	GEB 256	Forbes H	30 of 30
<i>Kansas Senate Bill SB 155</i>							
80145	004 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	GEB 256	Spoolstra A	30 of 30
<i>Kansas Senate Bill SB 155</i>							
80153	005 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	GEB 256	Faculty	30 of 30
<i>Kansas Senate Bill SB 155</i>							
80154	006 F2F	-T-----	06:00-08:50 PM	08/23/16-12/18/16	GEB 256	Smith H	30 of 30
<i>Kansas Senate Bill SB 155</i>							
80156	007 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	GEB 256	Wayne A	30 of 30
<i>Kansas Senate Bill SB 155</i>							
80158	350 ONLNE	-----	-	08/22/16-12/18/16	Online	Farmer C	24 of 24
<i>Kansas Senate Bill SB 155</i>							
80159	351 ONLNE	-----	-	08/22/16-12/18/16	Online	Callanan J	24 of 24
<i>Kansas Senate Bill SB 155</i>							
80163	352 ONLNE	-----	-	08/22/16-12/18/16	Online	Sivaratnam L	24 of 24
<i>Kansas Senate Bill SB 155</i>							
80165	353 ONLNE	-----	-	08/22/16-10/16/16	Online	Cole L	24 of 24
<i>Kansas Senate Bill SB 155</i>							

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/coursedescriptions/acct/#ACCT_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80168 001 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	GEB 363	Spoolstra A	20 of 20
<i>Kansas Senate Bill SB 155</i>						
80169 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Spoolstra A	22 of 22
<i>Kansas Senate Bill SB 155</i>						
80170 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Spoolstra A	22 of 22
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/acct/#ACCT_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80171 350 ONLINE	-----	-	08/22/16-12/18/16	Online	McNeil K	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80172 376 HYB	--W----	06:00-08:50 PM	08/24/16-12/18/16	GEB 363	McNeil K	20 of 20
	-----	-	08/24/16-12/18/16	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/acct/#ACCT_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80175 350 ONLINE	-----	-	08/22/16-12/18/16	Online	King A	20 of 20
	--W----	05:00-05:50 PM	08/24/16-08/24/16	GEB 363		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						

Note: This online course requires the mid-term exam and final exam to be completed at the JCCC Testing Center. There is a mandatory meeting for this course on Wednesday, August 24th from 5-5:50pm in GEB 363.

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/coursedescriptions/acct#ACCT_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80178 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Faculty	24 of 24

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/coursedescriptions/acct#ACCT_222)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80212 001 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	GEB 363	Faculty	20 of 20

Kansas Senate Bill SB 155

80214 002 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	GEB 363	Faculty	20 of 20
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Kansas Senate Bill SB 155

80216 003 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	GEB 363	Jones D	20 of 20
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Kansas Senate Bill SB 155

80217 004 F2F	-T-----	06:00-08:50 PM	08/23/16-12/18/16	GEB 363	Henn R	20 of 20
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Kansas Senate Bill SB 155

80219 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Faculty	24 of 24
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Kansas Senate Bill SB 155

80223 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Faculty	24 of 24
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Kansas Senate Bill SB 155

81739 352 ONLINE	-----	-	10/03/16-12/11/16	Online	Faculty	22 of 22
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Kansas Senate Bill SB 155

ACCT 231 - Intermediate Accounting I

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

Credit Hours: 3

Prerequisite: ACCT 122

Outline (http://catalog.jccc.edu/coursedescriptions/acct#ACCT_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80224 001 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	GEB 363	Krug D	20 of 20

Kansas Senate Bill SB 155

ACCT 240 - Fraud Examination

This course analyzes 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, use creative ways to detect and prevent fraudulent conduct, and understand how allegations of fraud should be investigated and resolved. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ACCT 122

Outline (http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80225 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Faculty	24 of 24

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/coursedescriptions/acct/#ACCT_278)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80227 500 INT	-----	-	08/22/16-12/18/16		King A	16 of 16
	--W----	06:00-06:30 PM	08/24/16-08/24/16	GEB 361		

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

Note: There is a mandatory meeting time for this course on Wednesday, August 24th from 6:00-6:30pm in GEB 361. Requirement: Department approval

ACCT 285 - Accounting Capstone

This course is designed as a capstone experience before entering the workplace. Topics will include managerial use of financial data, analysis of financial statements, and ethics in accounting. Students will be required to execute accounting procedures both manually and electronically through an accounting cycle. Students will use financial statements to make informed judgments and solve problems. Students will identify and apply ethical positions and effectively communicate this information to others both in writing and verbally.

Credit Hours: 3

Prerequisites: ACCT 121 and ACCT 122 and 12 hours of accounting courses and department approval

Outline (http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_285)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80228 376 HYB	-----	-	08/22/16-12/18/16	Online	Spoolstra A	24 of 24
	--W----	04:30-05:45 PM	08/24/16-12/18/16	GEB 254		

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

Note: There is a mandatory meeting for this course every Wednesday in GEB 254.

Administration of Justice

ADMJ 121 - Introduction to Administration of Justice

This course provides an overview of the three components of the American criminal justice system: police, courts and corrections. Interrelationships are stressed and problem areas discussed, particularly with respect to constitutional guarantees. 3 hrs. lecture/wk.

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
81916 001 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	PA 145	Galbrecht F	32 of 32
81917 002 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	PA 133	Galbrecht F	32 of 32
81918 201 F2F	M-----	06:00-09:00 PM	08/29/16-12/18/16	PA 133	Gabrielson J	32 of 32
81919 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Groves M	25 of 25

ADMJ 124 - Criminal Justice and Corrections

This course is an introductory study of the field of corrections. Correctional history and an examination of the American correctional system will be explored, including detention, incarceration and community corrections. 3 hrs. lecture/ wk.

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
81920 001 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	PA 133	Ashman C	32 of 32
<i>Kansas Senate Bill SB 155</i>						
81921 002 F2F	-T-----	06:00-09:00 PM	08/23/16-12/18/16	PA 145	Gabrielson J	32 of 32
<i>Kansas Senate Bill SB 155</i>						
81922 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Gabrielson J	25 of 25
<i>Kansas Senate Bill SB 155</i>						
81923 352 ONLINE	-----	-	08/22/16-12/18/16	Online	King K	25 of 25
<i>Kansas Senate Bill SB 155</i>						

ADMJ 127 - Criminology

This class will identify the major criminology theories. Various explanations for criminal conduct will be explored and society's responses to crime will be examined. 3 hrs. lecture/wk. ADMJ 127 and SOC 127 are the same course. Do not enroll in both.

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
81924 001 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	PA 145	Divney J	32 of 32
81926 002 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	PA 145	Galbrecht F	32 of 32
81928 003 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	PA 133	Ashman C	32 of 32
82650 004 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	PA 145	Ladd G	32 of 32
81930 201 F2F	-T-----	06:00-09:00 PM	09/06/16-12/18/16	PA 133	Daniels M	32 of 32
81932 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Groves M	25 of 25

ADMJ 130 - Crime Prevention

Topics of special interest include the techniques public service agencies use to operate crime-prevention programs and provide technically accurate, cost-effective security recommendations to the community. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/admj#ADMJ_130\)](http://catalog.jccc.edu/coursedescriptions/admj#ADMJ_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81934 001 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	PA 134	Procter L	16 of 16

Kansas Senate Bill SB 155

ADMJ 133 - Juvenile Delinquency

This course will examine law enforcement, courts, and correctional agencies which deal with youthful offenders. In addition, an analysis of the theories of delinquency causation will be reviewed. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/admj#ADMJ_133\)](http://catalog.jccc.edu/coursedescriptions/admj#ADMJ_133)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81935 201 F2F	M-----	06:00-09:00 PM	08/29/16-12/18/16	PA 145	Simpson M	32 of 32

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 \(http://catalog.jccc.edu/coursedescriptions/admj#ADMJ_141\)](http://catalog.jccc.edu/coursedescriptions/admj#ADMJ_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81936 001 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	PA 145	Galbrecht F	32 of 32
81937 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Blank S	25 of 25

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 \(http://catalog.jccc.edu/coursedescriptions/admj#ADMJ_143\)](http://catalog.jccc.edu/coursedescriptions/admj#ADMJ_143)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81938 001 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	PA 133	Hammen S	24 of 24

Kansas Senate Bill SB 155

ADMJ 150 - Criminal Procedure

Criminal Procedure is an exploration of the structure of judicial processes; constitutional protections; and remedies for violations of constitutional rights. Students will learn, through discussion of important U.S. Supreme Court cases, how the Constitution is interpreted. 3 hrs. lecture/wk.

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
81939 001 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	PA 144	Blank S	24 of 24

Kansas Senate Bill SB 155

ADMJ 180 - Correctional Casework

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

Credit Hours: 3

Prerequisite: ADMJ 124

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
81940 001 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	PA 134	Ashman C	16 of 16

Kansas Senate Bill SB 155

ADMJ 201 - Police Interrogation

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

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
81941 001 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	PA 133	Ladd G	32 of 32

Kansas Senate Bill SB 155

ADMJ 215 - Understanding Terrorism

This course serves as a basic introduction to terrorism. Students will examine current and historical events to gain an understanding of terrorist organizations. The development of terrorism and its various forms, including tactics and ideologies as well as terrorism's impact on 21st century civilization, will be examined. The course also addresses the challenges facing criminal justice professionals in developing a coordinated response to terrorism. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/admj#ADMJ_215\)](http://catalog.jccc.edu/coursedescriptions/admj#ADMJ_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81942 001 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	PA 145	Galbrecht F	32 of 32

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 \(http://catalog.jccc.edu/coursedescriptions/admj#ADMJ_221\)](http://catalog.jccc.edu/coursedescriptions/admj#ADMJ_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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81943 001 F2F ---R--- 06:00-08:50 PM 08/25/16-12/18/16 PA 144 McGill Carroll K 15 of 15

Kansas Senate Bill SB 155

81944 201 F2F -T----- 06:00-09:00 PM 09/06/16-12/18/16 PA 144 McGill Carroll K 15 of 15

Kansas Senate Bill SB 155

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/coursedescriptions/admj#ADMJ_228)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81945 001 F2F	M-W----	10:00-10:50 AM	08/22/16-12/18/16	PA 144	Ashman C	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/coursedescriptions/admj#ADMJ_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81946 001 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	PA 144	King K	24 of 24

Kansas Senate Bill SB 155

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/coursedescriptions/admj#ADMJ_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81947 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Welch J	25 of 25

Kansas Senate Bill SB 155

ADMJ 255 - Ethics and Criminal Justice

This course explores the study of ethics, particularly as it applies to the field of criminal justice. The development of critical thinking and decision-making skills as they relate to the criminal justice system is also examined. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/admj#ADMJ_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81948 001 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	PA 145	King K	24 of 24

ADMJ 285 - Administration of Justice Internship

Students augment their academic course work with an internship in an appropriate setting under instructional supervision. Internship projects are cooperative efforts between appropriate federal, state or local criminal justice agencies or not-for-profit organizations, and college staff and students. Internships give students the opportunity to participate in the real-world application of their academic studies. In addition, this synthesis of classroom study with practical experience provides students with skills and insights useful in selecting a career in the field of criminal justice. The student spends the equivalent of 12 hours per week for 14 weeks performing internship duties over the course of the semester or a total of 168 hours.

Credit Hours: 3

Prerequisites: Fifteen credit hours in ADMJ courses or department approval and a grade point average of 2.0 or higher

Outline (http://catalog.jccc.edu/coursedescriptions/admj#ADMJ_285)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81949 501 INT	-----	-	08/22/16-12/18/16		King K	6 of 6
<i>Kansas Senate Bill SB 155</i>						
Requirement: Department approval						

Automation Engineering Tech

AET 110 - Industrial Maintenance

This is an introductory course that discusses common industrial maintenance topics, such as industrial tools and equipment, mechanical drive systems and maintenance programs. The lab component to this course will expand on concepts taught in lecture by incorporating hands-on projects using common components found in industry. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 3630 for approval.

Credit Hours: 3

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/aet#AET_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82130 001 F2F	Lab M-W----	02:00-04:50 PM	10/17/16-12/07/16	ATB 168A	Faculty	16 of 16
	-T-R---	02:00-04:50 PM	10/18/16-12/08/16	ITC 189		
<i>Kansas Senate Bill SB 155</i>						
Requirement: Department approval						

AET 140 - Actuator and Sensor Systems

This course examines types, installation and troubleshooting of industrial actuators and sensors. Contemporary control methods in process control and proportional-integral-derivative (PID) process loops are covered in this course. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 3630 for approval.

Credit Hours: 3

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/aet#AET_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82149 001 F2F	---R---	05:00-06:50 PM	08/25/16-12/18/16	ITC 189	Faculty	16 of 16
	Lab ---R---	07:00-09:50 PM	08/25/16-12/18/16	ITC 191B		
<i>Kansas Senate Bill SB 155</i>						

Requirement: Department approval

AET 160 - Programmable Logic Controllers I

This is an introductory course that examines types, installation and troubleshooting of programmable logic controllers (PLC). Hardware and programming aspects, as well as ladder logic symbols and operations necessary to develop a PLC program, are covered in this course. Students will enter, edit and test controller programs through assigned laboratory projects. 2 hrs. lecture/wk, 3 hrs. lab/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 3630 for approval.

Credit Hours: 3

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/aet/#AET_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82131 001 F2F	-T-----	05:00-06:50 PM	08/23/16-12/18/16	ITC 189	Faculty	16 of 16
	Lab -T-----	07:00-09:50 PM	08/23/16-12/18/16	ITC 191B		

Kansas Senate Bill SB 155

Requirement: Department approval

Animation

ANI 122 - Digital Rendering for Animation

This basic digital rendering course is designed for animators and game artists. Students will study basic and advanced digital rendering elements and principles. Students will produce digitally rendered elements used in animation and gaming, including realistic and stylistic character designs, vehicles, architecture, weapons and environments. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisite or corequisite: CDTP 135

Outline (http://catalog.jccc.edu/coursedescriptions/ani/#ANI_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82500 001 F2F	M-W----	09:00-11:50 AM	08/22/16-12/18/16	RC 361	Kimball L	17 of 17
82501 002 F2F	-T-R---	09:00-11:50 AM	08/23/16-12/18/16	RC 311	Stirk L	15 of 15

Kansas Senate Bill SB 155

Kansas Senate Bill SB 155

ANI 125 - Introduction to 2D Animation

In this course students will learn all aspects of traditional 2 dimensional animation, including flipbook, cell, puppet and claymation. Students will write a short story and create storyboards, an animatic and a 2-dimensional character. Students will explore the key principles of animation and learn the rules of filmmaking. Experimental animation will be integrated into the course using various artistic mediums. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$50

Prerequisite or Corequisite: CDTP 135

Outline (http://catalog.jccc.edu/coursedescriptions/ani/#ANI_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82502 001 F2F	----FS-	09:00-11:50 AM	08/26/16-12/18/16	RC 311	Kimball L	15 of 15

Kansas Senate Bill SB 155

ANI 130 - Motion Graphics and Effects

In this course the student will create motion graphics and effects using 2D and 3D elements. Students will create render passes, create 3D elements and effects, and then composite the layers back into After Effects for further manipulation and polish. Students will also explore rotoscoping, motion tracking, motion stabilization, animating effects, text and shape animation, create and set up 2D and 3D text, lighting, materials and basic compositing. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisite or corequisite: CDTP 135

Outline (http://catalog.jccc.edu/coursedescriptions/ani/#ANI_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82503 001 F2F	-T-R---	03:00-05:50 PM	08/23/16-12/18/16	RC 311	Garrison A	15 of 15

Kansas Senate Bill SB 155

ANI 150 - Introduction to 3D Modeling and Game Art

This course provides an introduction to 3D modeling and creating game art assets for next-generation games. Students will learn industry production pipelines and create high polygon and low polygon gaming models, such as architectural, weapons, vehicles and other model assets. Students will also learn how to create photorealistic textures, light and render, create construction and texture worksheets, and export them into an existing game engine. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisite or corequisite: CDTP 135

Outline (http://catalog.jccc.edu/coursedescriptions/ani/#ANI_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82504 001 F2F	M-W----	09:00-11:50 AM	08/22/16-12/18/16	RC 311	Faculty	15 of 15
82505 002 F2F	M-W----	06:00-08:50 PM	08/22/16-12/18/16	RC 311	Garrison A	15 of 15
82506 003 F2F	----FS-	03:00-05:50 PM	08/26/16-12/18/16	RC 311	Faculty	15 of 15

Kansas Senate Bill SB 155

Kansas Senate Bill SB 155

Kansas Senate Bill SB 155

ANI 210 - Digital Sculpting

In this course the student will create basic organic-shaped models using a high-end sculpting program like ZBrush. Students will explore film and game production pipelines, basic digital sculpting techniques and alpha brush detailing. Students will also explore advanced brush techniques, polypainting and spotlight tools; rendering, lighting and materials will be covered. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisite: ANI 250 or Prerequisite or corequisite: ANI 150

Outline (http://catalog.jccc.edu/coursedescriptions/ani/#ANI_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82507 001 F2F	-T-R---	06:00-08:50 PM	08/23/16-12/18/16	RC 311	Garrison A	15 of 15

Kansas Senate Bill SB 155

ANI 255 - Advanced Animation and Effects

The Advanced Animation and Effects course exposes students to various particle effects, rigid and soft body dynamics, and effects like rain, snow, lightning, fire and different types of shatter. Through hands-on tutorials students will simulate and render a variety of visual effects including liquid, cloth and hair. Students will also explore rendering layers and passes, and composite these elements into stunning portfolio work. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$50

Prerequisite or corequisite: ANI 220

Outline (http://catalog.jccc.edu/coursedescriptions/ani/#ANI_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82508 001 F2F	M-W----	03:00-05:50 PM	08/22/16-12/18/16	RC 311	Byers J	15 of 15
<i>Kansas Senate Bill SB 155</i>						
82509 002 F2F	-T-R---	12:00-02:50 PM	08/23/16-12/18/16	RC 311	Byers J	15 of 15
<i>Kansas Senate Bill SB 155</i>						

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 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 and 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/lab/wk.

Credit Hours: 3

Associated Costs: \$50

Prerequisite: ANI 250 or Prerequisite or corequisite: ANI 150

Outline (http://catalog.jccc.edu/coursedescriptions/ani/#ANI_258)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82510 001 F2F	M-W----	12:00-02:50 PM	08/22/16-12/18/16	RC 311	Byers J	15 of 15
<i>Kansas Senate Bill SB 155</i>						

ANI 270 - Visual Effects and Compositing

This course emphasizes the importance of breaking down visual effects shots for effective compositing. Advanced topics will include 2 dimensional/3 dimensional motion tracking, rotoscoping, 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/lab/wk.

Credit Hours: 3

Associated Costs: \$50

Prerequisite: ANI 145 or Prerequisite or corequisite: ANI 220

Outline (http://catalog.jccc.edu/coursedescriptions/ani/#ANI_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82511 001 F2F	----FS-	12:00-02:50 PM	08/26/16-12/18/16	RC 311	Stirk L	15 of 15
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/anth/#ANTH_125)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
81662 001 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	GEB 338	Huber-Smith M	35 of 35
<i>KBOR Seamless Transfer</i>						
81663 002 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	GEB 338	Daley S	35 of 35
<i>KBOR Seamless Transfer</i>						
81664 003 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	GEB 338	Raab L	35 of 35

KBOR Seamless Transfer

81665 004 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	GEB 338	Michaels D	35 of 35
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KBOR Seamless Transfer

81666 005 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	GEB 338	Michaels D	35 of 35
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KBOR Seamless Transfer

81667 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Huber-Smith M	25 of 25
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KBOR Seamless Transfer

81668 352 ONLNE	-----	-	08/22/16-12/18/16	Online	Corbett S	25 of 25
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KBOR Seamless Transfer

81669 353 ONLNE	-----	-	08/22/16-12/18/16	Online	Corbett S	25 of 25
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KBOR Seamless Transfer

81670 354 ONLNE	-----	-	08/22/16-12/18/16	Online	Raab A	25 of 25
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*KBOR Seamless Transfer***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 \(http://catalog.jccc.edu/coursedescriptions/anth/#ANTH_126\)](http://catalog.jccc.edu/coursedescriptions/anth/#ANTH_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81671 001 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	GEB 338	McFarlane W	35 of 35
81672 351 ONLNE	-----	-	08/22/16-12/18/16	Online	McFarlane W	25 of 25
81673 352 ONLNE	-----	-	08/22/16-12/18/16	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 \(http://catalog.jccc.edu/coursedescriptions/anth/#ANTH_130\)](http://catalog.jccc.edu/coursedescriptions/anth/#ANTH_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81674 001 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	GEB 338	Huber-Smith M	35 of 35
81675 002 F2F	M-W-F--	02:00-02:50 PM	08/22/16-12/18/16	GEB 338	Divney J	35 of 35
81676 003 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	GEB 338	Ediger R	35 of 35
81677 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Corbett S	25 of 25
81678 352 ONLNE	-----	-	08/22/16-12/18/16	Online	Harmon L	25 of 25

ANTH 134 - Native Americans

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

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
81679 001 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	GEB 338	Daley S	35 of 35

ANTH 142 - World Prehistory

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

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
81680 001 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	GEB 338	Raab A	35 of 35
81681 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Raab A	25 of 25

ANTH 146 - Archaeology of Ancient North America

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

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
81682 001 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	GEB 338	McFarlane W	35 of 35

ANTH 153 - The Anthropology of the Paranormal & Supernatural

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

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
81683 001 F2F	-T-----	06:00-08:50 PM	08/23/16-12/18/16	GEB 338	Daley S	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 \(http://catalog.jccc.edu/coursedescriptions/anth/#ANTH_292\)](http://catalog.jccc.edu/coursedescriptions/anth/#ANTH_292)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81684 001 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	GEB 338	Raab L	35 of 35

This section's title is **Special Topics: Disasters.**

To obtain department approval, e-mail Bill McFarlane. 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/coursedescriptions/arch/#ARCH_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80124 001 F2F	M-W----	02:30-03:45 PM	08/22/16-12/18/16	ITC 134	Miller J	12 of 12
80127 002 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	ITC 134	Meadows B	12 of 12

ARCH 127 - Introduction to Architectural Graphics

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

Credit Hours: 4

Associated Costs: \$125 to 200

Outline (http://catalog.jccc.edu/coursedescriptions/arch/#ARCH_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80128 001 F2F	M-W----	09:00-12:45 PM	08/22/16-12/18/16	ITC 134	Miller J	12 of 12
80129 002 F2F	-T-R---	09:00-12:45 PM	08/23/16-12/18/16	ITC 134	Miller J	12 of 12

ARCH 210 - Design History & Society

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

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/arch/#ARCH_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80130 001 F2F	---R---	04:00-06:45 PM	08/25/16-12/18/16	ITC 134	Meadows B	12 of 12

ARCH 220 - Sustainability in the Built Environment

This course examines evolving issues of sustainability as they pertain to the built environment. The course will cover a broad spectrum of issues, with attention focused on historical precedent, changing social matrices, technological advancements, political and regulatory consequences, and potential future transformations. Analysis of sustainability as a concept and societal goal will be considered throughout the course as we consider issues that are both local and global. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$25 to \$100

Outline (http://catalog.jccc.edu/coursedescriptions/arch/#ARCH_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80131 001 F2F	M-W----	01:00-02:15 PM	08/22/16-12/18/16	ITC 134	Meadows B	12 of 12

Kansas Senate Bill SB 155

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/coursedescriptions/arch/#ARCH_244)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80133 001 F2F	M-----	04:00-06:45 PM	08/22/16-12/18/16	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/coursedescriptions/arch/#ARCH_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80134 001 F2F	-T-----	04:00-06:45 PM	08/23/16-12/18/16	ITC 134	Meadows B	12 of 12

ARCH 250 - Architectural Design Thinking

This course will enrich concepts previously encountered in architecture studio courses and explore new methodologies that apply to design thinking processes. Students will encounter ill-structured, undefined design problems and learn to analyze and determine numerous ways to evaluate and illustrate the outcomes in multiple design solutions. Collaboration is encouraged between individuals and group participants using various processes to interpret, develop and visually construct final solutions to projects using computer-based design applications, free-hand drawing techniques and three-dimensional model making capabilities. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$125 to \$250

Prerequisites: ARCH 127 and ARCH 131 and ARCH 140

Outline (http://catalog.jccc.edu/coursedescriptions/arch/#ARCH_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81737 001 F2F	----F--	12:00-04:45 PM	08/26/16-12/18/16	ITC 134	Faculty	12 of 12

ARCH 292 - Special Topics:

This course periodically offers specialized or advanced discipline-specific content related to diverse areas of architecture not usually taught in the curriculum to interested and qualified students within the program.

Credit Hours: 2

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/arch/#ARCH_292)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81738 001 F2F	----F--	09:00-11:45 AM	08/26/16-12/18/16	ITC 134	Miller J	12 of 12

This section's title is **Special Topics: Design Presentations**.

Special Focus

Art

ART 124 - Design 2D

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

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisite or corequisite: CDDP 145

Outline (http://catalog.jccc.edu/coursedescriptions/art/#ART_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82053 001 F2F	-----S-	08:00-01:15 PM	08/27/16-12/18/16	LIB 314	Gurau M	18 of 18
	-----S-	08:00-01:15 PM	08/27/16-12/18/16	LIB 346		
82054 002 F2F	-T-----	01:30-06:45 PM	08/23/16-12/18/16	LIB 314	Hawkins P	18 of 18
	-T-----	01:30-06:45 PM	08/23/16-12/18/16	LIB 346		
82062 003 F2F	--W----	08:00-01:15 PM	08/24/16-12/18/16	LIB 314	Faculty	18 of 18
	--W----	08:00-01:15 PM	08/24/16-12/18/16	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/coursedescriptions/art/#ART_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82063 001 F2F	--W----	08:00-01:15 PM	08/24/16-12/18/16	LIB 311	Shinohara M	18 of 18
	--W----	08:00-01:15 PM	08/24/16-12/18/16	LIB 312		
	--W----	08:00-01:15 PM	08/24/16-12/18/16	LIB 313		
82064 002 F2F	M-----	08:00-01:15 PM	08/22/16-12/18/16	LIB 311	Shinohara M	18 of 18
	M-----	08:00-01:15 PM	08/22/16-12/18/16	LIB 312		
	M-----	08:00-01:15 PM	08/22/16-12/18/16	LIB 313		

ART 129 - Design Color

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

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisite or corequisite: CDTP 135

Outline (http://catalog.jccc.edu/coursedescriptions/art/#ART_129)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82065 001 F2F	-T-----	08:00-01:15 PM	08/23/16-12/18/16	LIB 311	Nemer T	18 of 18
	-T-----	08:00-01:15 PM	08/23/16-12/18/16	LIB 312		
	-T-----	08:00-01:15 PM	08/23/16-12/18/16	LIB 313		
82066 002 F2F	---R---	08:00-01:15 PM	08/25/16-12/18/16	LIB 311	Nemer T	18 of 18
	---R---	08:00-01:15 PM	08/25/16-12/18/16	LIB 312		
	---R---	08:00-01:15 PM	08/25/16-12/18/16	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/coursedescriptions/art/#ART_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81741 001 F2F	M-W----	08:00-10:50 AM	08/22/16-12/18/16	ATB 109	Kligman M	22 of 22
<i>KBOR Seamless Transfer</i>						
81742 002 F2F	-----S-	08:00-01:50 PM	08/27/16-12/18/16	ATB 109	Stewart M	22 of 22
<i>KBOR Seamless Transfer</i>						
81743 003 F2F	M-W----	06:00-08:50 PM	08/22/16-12/18/16	ATB 109	Ricketts C	22 of 22
<i>KBOR Seamless Transfer</i>						
81744 004 F2F	-T-R---	08:00-10:50 AM	08/23/16-12/18/16	ATB 109	Kira K	22 of 22
<i>KBOR Seamless Transfer</i>						
81745 005 F2F	-T-R---	12:00-02:50 PM	08/23/16-12/18/16	ATB 109	Kira K	22 of 22
<i>KBOR Seamless Transfer</i>						
81746 006 F2F	-T-R---	03:00-05:50 PM	08/23/16-12/18/16	ATB 109	Schell A	22 of 22
<i>KBOR Seamless Transfer</i>						

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/coursedescriptions/art/#ART_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81747 001 F2F	M-W----	03:00-05:50 PM	08/22/16-12/18/16	ATB 109	Carroll J	22 of 22
81748 002 F2F	----S-	08:00-01:50 PM	08/27/16-12/18/16	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/coursedescriptions/art/#ART_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81749 001 F2F	M-W----	03:00-05:50 PM	08/22/16-12/18/16	ATB 101	Ricketts C	20 of 20
81750 002 F2F	-T-R---	12:00-02:50 PM	08/23/16-12/18/16	ATB 101	Schell A	20 of 20
81751 003 F2F	-T-R---	06:00-08:50 PM	08/23/16-12/18/16	ATB 101	Schell A	20 of 20

ART 138 - Digital Imaging for Artists I

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

Credit Hours: 3

Associated Costs: \$100 to 200

Outline (http://catalog.jccc.edu/coursedescriptions/art/#ART_138)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81752 001 F2F	-T-R---	08:00-10:50 AM	08/23/16-12/18/16	ATB 135	Stewart M	20 of 20
81753 002 F2F	M-W----	03:00-05:50 PM	08/22/16-12/18/16	ATB 135	Faculty	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/coursedescriptions/art/#ART_142)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81754 001 F2F	M-W----	08:00-10:50 AM	08/22/16-12/18/16	ATB 111	Gascogne L	15 of 15
81755 002 F2F	M-W----	12:00-02:50 PM	08/22/16-12/18/16	ATB 111	Davis S	15 of 15
81756 003 F2F	M-W----	06:00-08:50 PM	08/22/16-12/18/16	ATB 111	Davis S	15 of 15
81757 004 F2F	-T-R---	06:00-08:50 PM	08/23/16-12/18/16	ATB 111	Haney N	15 of 15
81758 005 F2F	----S-	08:00-01:50 PM	08/27/16-12/18/16	ATB 111	Haney N	15 of 15
81759 006 F2F	-T-R---	08:00-10:50 AM	08/23/16-12/18/16	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/coursedescriptions/art/#ART_143)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81760 001 F2F	-T-R---	12:00-02:50 PM	08/23/16-12/18/16	ATB 111	Gascogne L	15 of 15
81761 003 F2F	M-W----	06:00-08:50 PM	08/22/16-12/18/16	ATB 111	Davis S	15 of 15
81762 004 F2F	-T-R---	06:00-08:50 PM	08/23/16-12/18/16	ATB 111	Haney N	15 of 15
81763 005 F2F	----S-	08:00-01:50 PM	08/27/16-12/18/16	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/coursedescriptions/art/#ART_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81764 001 F2F	M-W----	08:00-10:50 AM	08/22/16-12/18/16	ATB 115	Cowardin M	15 of 15
81765 002 F2F	-T-R---	06:00-08:50 PM	08/23/16-12/18/16	ATB 115	Sandoval A	15 of 15
81766 003 F2F	M-W----	12:00-02:50 PM	08/22/16-12/18/16	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/coursedescriptions/art/#ART_146)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81767 001 F2F	-T-R---	12:00-02:50 PM	08/23/16-12/18/16	ATB 115	Cowardin M	15 of 15
81768 002 F2F	-T-R---	06:00-08:50 PM	08/23/16-12/18/16	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 \(http://catalog.jccc.edu/coursedescriptions/art/#ART_148\)](http://catalog.jccc.edu/coursedescriptions/art/#ART_148)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81769 001 F2F	M-W----	03:00-05:50 PM	08/22/16-12/18/16	ATB 115	Pener S	15 of 15
81770 002 F2F	-T-R---	08:00-10:50 AM	08/23/16-12/18/16	ATB 115	Pener S	15 of 15
81771 003 F2F	----S-	12:00-05:50 PM	08/27/16-12/18/16	ATB 115	Roberson K	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 \(http://catalog.jccc.edu/coursedescriptions/art/#ART_149\)](http://catalog.jccc.edu/coursedescriptions/art/#ART_149)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81772 001 F2F	M-W----	03:00-05:50 PM	08/22/16-12/18/16	ATB 115	Pener S	15 of 15
81773 002 F2F	-T-R---	08:00-10:50 AM	08/23/16-12/18/16	ATB 115	Pener S	15 of 15
81774 003 F2F	----S-	12:00-05:50 PM	08/27/16-12/18/16	ATB 115	Roberson K	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 \(http://catalog.jccc.edu/coursedescriptions/art/#ART_172\)](http://catalog.jccc.edu/coursedescriptions/art/#ART_172)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81775 001 F2F	M-W----	12:00-02:50 PM	08/22/16-12/18/16	ATB 101	Carroll J	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 \(http://catalog.jccc.edu/coursedescriptions/art/#ART_231\)](http://catalog.jccc.edu/coursedescriptions/art/#ART_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81776 001 F2F	M-W----	12:00-02:50 PM	08/22/16-12/18/16	ATB 109	Kligman M	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/coursedescriptions/art/#ART_232)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81777 001 F2F	M-W----	12:00-02:50 PM	08/22/16-12/18/16	ATB 109	Kligman M	22 of 22

ART 238 - Digital Imaging for Artists II

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

Credit Hours: 3

Associated Costs: \$100 to 200

Prerequisite: ART 138

Outline (http://catalog.jccc.edu/coursedescriptions/art/#ART_238)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81778 001 F2F	-T-R---	08:00-10:50 AM	08/23/16-12/18/16	ATB 135	Stewart M	20 of 20
81779 002 F2F	M-W----	03:00-05:50 PM	08/22/16-12/18/16	ATB 135	Faculty	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/coursedescriptions/art/#ART_244)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81780 001 F2F	-T-R---	12:00-02:50 PM	08/23/16-12/18/16	ATB 111	Gascoigne L	15 of 15

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 \(http://catalog.jccc.edu/coursedescriptions/arth/#ARTH_180\)](http://catalog.jccc.edu/coursedescriptions/arth/#ARTH_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81610 001 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CC 352	DiCamillo R	35 of 35
<i>KBOR Seamless Transfer</i>						
81611 002 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	CC 352	DiCamillo R	35 of 35
<i>KBOR Seamless Transfer</i>						
81612 003 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	CC 352	Smith A	35 of 35
<i>KBOR Seamless Transfer</i>						
81613 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Newlands J	25 of 25
<i>KBOR Seamless Transfer</i>						
81614 352 ONLNE	-----	-	08/22/16-12/18/16	Online	Zell V	25 of 25
<i>KBOR Seamless Transfer</i>						

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.

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
81615 001 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	CC 352	Zell V	35 of 35
<i>KBOR Seamless Transfer</i>						
81616 002 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	CC 352	DiCamillo R	35 of 35
<i>KBOR Seamless Transfer</i>						
81617 201 F2F	--W----	06:00-09:00 PM	09/07/16-12/18/16	CC 352	Meadows B	35 of 35
<i>KBOR Seamless Transfer</i>						
81618 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Newlands J	25 of 25
<i>KBOR Seamless Transfer</i>						
81619 352 ONLNE	-----	-	08/22/16-12/18/16	Online	Zell V	25 of 25
<i>KBOR Seamless Transfer</i>						

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 \(http://catalog.jccc.edu/coursedescriptions/arth/#ARTH_184\)](http://catalog.jccc.edu/coursedescriptions/arth/#ARTH_184)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81620 001 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	OCB 142	Smith A	24 of 24
81621 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Smith A	25 of 25
81622 352 ONLNE	-----	-	08/22/16-12/18/16	Online	Smith A	25 of 25

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/coursedescriptions/arth/#ARTH_186)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81623 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Dolembo M	25 of 25

American Sign Language

ASL 120 - Elementary American Sign Language I

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

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/asl/#ASL_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82385 001 F2F <i>Kansas Senate Bill SB 155</i>	M-W-F--	01:00-02:50 PM	08/22/16-12/18/16	GEB 311	Kuhns K	15 of 15
82388 002 F2F <i>Kansas Senate Bill SB 155</i>	M-W----	06:00-08:50 PM	08/22/16-12/18/16	GEB 215	Horn-Marsh P	15 of 15
82390 003 F2F <i>Kansas Senate Bill SB 155</i>	-T-R---	11:00-01:50 PM	08/23/16-12/18/16	GEB 311	Symansky R	15 of 15
82391 004 F2F <i>Kansas Senate Bill SB 155</i>	-T-R---	02:00-04:50 PM	08/23/16-12/18/16	GEB 311	Kuhns K	15 of 15
82392 005 F2F <i>Kansas Senate Bill SB 155</i>	-T-R---	06:00-08:50 PM	08/23/16-12/18/16	CC 312	Gabel S	15 of 15

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/coursedescriptions/asl/#ASL_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82394 001 F2F <i>Kansas Senate Bill SB 155</i>	M-W-F--	02:00-03:50 PM	08/22/16-12/18/16	GEB 215	Faculty	15 of 15
82395 002 F2F <i>Kansas Senate Bill SB 155</i>	-T-R---	06:00-08:50 PM	08/23/16-12/18/16	GEB 311	Gwynn T	15 of 15

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 \(http://catalog.jccc.edu/coursedescriptions/asl/#ASL_122\)](http://catalog.jccc.edu/coursedescriptions/asl/#ASL_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82396 001 F2F	M-W----	06:00-08:50 PM	08/22/16-12/18/16	GEB 311	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 \(http://catalog.jccc.edu/coursedescriptions/asl/#ASL_123\)](http://catalog.jccc.edu/coursedescriptions/asl/#ASL_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82398 001 F2F	M-W----	06:00-08:50 PM	08/22/16-12/18/16	ATB 147	Faculty	15 of 15

Kansas Senate Bill SB 155

ASL 145 - Introduction to the Deaf Community

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

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

Credit Hours: 3

Associated Costs: \$10 to 50

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
82399 001 F2F	-T-R---	07:30-08:50 PM	08/23/16-12/18/16	GEB 215	Bader A	20 of 20

Kansas Senate Bill SB 155

ASL 147 - Fingerspelling I

Students will work on developing beginning expressive and receptive fingerspelling skills based on word recognition principles. 3 hrs. integrated lecture/lab/wk. The daytime sections are open only to students in the interpreter training program. INTR 147 and ASL 147 are the same course; do not enroll in both.

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

Credit Hours: 2

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
-----	------	------	------	----------	------------	------------

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 websites is available to students in this course. 3 hrs. lecture/wk.

Credit Hours: 3
[Outline \(http://catalog.jccc.edu/coursedescriptions/astr/#ASTR_120\)](http://catalog.jccc.edu/coursedescriptions/astr/#ASTR_120)
[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80676 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Koch W	28 of 28
<i>KBOR Seamless Transfer</i>						
Note: Students not logging in within the first two weeks may be dropped for non-attendance. The textbook and all course materials are provided for free online. All assignments and exams are submitted online.						
80677 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Koch W	28 of 28
<i>KBOR Seamless Transfer</i>						
Note: Students not logging in within the first two weeks may be dropped for non-attendance. The textbook and all course materials are provided for free online. All assignments and exams are submitted online.						
80678 352 ONLINE	-----	-	08/22/16-12/18/16	Online	Koch W	28 of 28
<i>KBOR Seamless Transfer</i>						
Note: This is an accelerated, 8-week course. Students not logging in within the first week may be dropped for non-attendance. The textbook and all course materials are provided for free online. All assignments and chapter exams are submitted online, however final exam will be taken at the Testing Center on the JCCC main campus or with an approved proctor.						
80679 353 ONLINE	-----	-	09/05/16-12/18/16	Online	Koch W	28 of 28
<i>KBOR Seamless Transfer</i>						
80680 354 ONLINE	-----	-	10/17/16-12/11/16	Online	Koch W	28 of 28
<i>KBOR Seamless Transfer</i>						
Note: Late start accelerated, 8-week course. Students not logging in within the first week may be dropped for non-attendance. The textbook and all course materials are provided for free online. All assignments and chapter exams are submitted online, however final exam will be taken at the Testing Center on the JCCC main campus or with an approved proctor.						

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 websites is available to students in this course. 3 hrs. lecture, 3 hrs. lab/wk., 5 nighttime telescope sessions are required.

Credit Hours: 4
[Outline \(http://catalog.jccc.edu/coursedescriptions/astr/#ASTR_122\)](http://catalog.jccc.edu/coursedescriptions/astr/#ASTR_122)
[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80681 001 F2F	Lab M-----	09:00-10:50 AM	08/22/16-12/18/16	CLB 411	Faculty	24 of 24
	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	CLB 405		
<i>KBOR Seamless Transfer</i>						
80682 002 F2F	-T-----	08:00-08:50 AM	08/23/16-12/18/16	CLB 405	Faculty	24 of 24
	Lab -T-----	09:00-10:50 AM	08/23/16-12/18/16	CLB 411		
	---R---	08:00-09:50 AM	08/25/16-12/18/16	CLB 405		
<i>KBOR Seamless Transfer</i>						
80683 003 F2F	-T-----	01:00-01:50 PM	08/23/16-12/18/16	CLB 405	Faculty	24 of 24
	Lab -T-----	02:00-03:50 PM	08/23/16-12/18/16	CLB 411		
	---R---	01:00-02:50 PM	08/25/16-12/18/16	CLB 405		
<i>KBOR Seamless Transfer</i>						
80688 050 F2F	M-----	06:00-07:50 PM	08/22/16-12/18/16	CLB 405	Koch W	24 of 24
	--W----	06:00-06:50 PM	08/24/16-12/18/16	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/coursedescriptions/astr/#ASTR_214)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82694 100 F2F	M-----	03:00-04:15 PM	08/22/16-12/18/16	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/coursedescriptions/astr/#ASTR_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82695 100 F2F	--W----	03:00-04:15 PM	08/24/16-12/18/16	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 in including emergency situations. Students should be able to locate and understand information regarding repair and maintenance of modern automobiles. Safe practices while using basic hand tools, chemicals and jacks will be included in this course. After determining fair market costs and economic feasibility students will be able to determine whether to repair or replace an automobile. Students should be able to decide whether to attempt repairs themselves or to have them performed by a professional. Also, the basic costs of insuring and operating an automobile will be discussed. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80750 001 F2F	--W----	01:00-03:40 PM	08/24/16-12/18/16	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/coursedescriptions/auto/#AUTO_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80751 001 F2F	M-----	06:00-07:40 PM	08/22/16-12/18/16	ATB 183	Davis J	15 of 15
	Lab --W----	06:00-08:40 PM	08/24/16-12/18/16	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/coursedescriptions/auto/#AUTO_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80752 001 F2F	---R---	06:00-07:40 PM	08/25/16-12/18/16	ATB 183	Yetter J	15 of 15
	Lab ---R---	07:45-09:15 PM	08/25/16-12/18/16	ATB 183		

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/coursedescriptions/auto/#AUTO_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80753 001 F2F	-----S-	08:00-08:50 AM	08/27/16-12/18/16	ATB 183	Brown W	15 of 15
	Lab -----S-	09:00-11:40 AM	08/27/16-12/18/16	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. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$300 to \$400

Outline (http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80754 376 HYB	-----S-	08:00-09:40 AM	08/27/16-12/18/16	ATB 129	Carswell R	15 of 15
	Lab -----S-	10:00-12:40 PM	08/27/16-12/18/16	ATB 190		
	-----	-	08/27/16-12/18/16	Online		

Kansas Senate Bill SB 155

80755 377 HYB	----F--	08:00-09:40 AM	08/26/16-12/18/16	ATB 129	Carr S	15 of 15
Lab	----F--	10:00-12:40 PM	08/26/16-12/18/16	ATB 190		
	-----	-	08/26/16-12/18/16	Online		

Kansas Senate Bill SB 155

80756 378 HYB	-T-----	04:00-05:40 PM	08/23/16-12/18/16	ATB 129	Stow J	15 of 15
Lab	-T-----	06:00-08:40 PM	08/23/16-12/18/16	ATB 190		
	-----	-	08/23/16-12/18/16	Online		

Kansas Senate Bill SB 155

80757 379 HYB	----F--	10:00-11:40 AM	08/26/16-12/18/16	ATB 129	Steffen D	15 of 15
Lab	----F--	01:00-03:40 PM	08/26/16-12/18/16	ATB 190		
	-----	-	08/26/16-12/18/16	Online		

Kansas Senate Bill SB 155

AUTO 129 - Brakes I

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

Credit Hours: 3

Associated Costs: \$400

Prerequisite or corequisite: AUTO 125 Corequisite: AUTO 131

Outline (http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_129)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80759 376 HYB	M-W----	08:00-08:50 AM	08/22/16-12/18/16	ATB 129	Hale H	18 of 18
	-----	-	08/22/16-12/18/16	Online		
Lab	--W----	09:00-11:40 AM	08/24/16-12/18/16	ATB 190		

Kansas Senate Bill SB 155

80760 377 HYB	M-W----	05:00-05:50 PM	08/22/16-12/18/16	ATB 129	Hensley E	18 of 18
Lab	M-----	06:00-08:40 PM	08/22/16-12/18/16	ATB 190		
	-----	-	08/22/16-12/18/16	Online		

Kansas Senate Bill SB 155

80761 378 HYB	-T-R---	09:00-09:50 AM	08/23/16-12/18/16	ATB 129	Ireland J	18 of 18
Lab	-T-----	10:00-12:40 PM	08/23/16-12/18/16	ATB 190		
	-----	-	08/23/16-12/18/16	Online		

Kansas Senate Bill SB 155

AUTO 131 - Brakes II

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

Credit Hours: 1

Associated Costs: \$0 to 400

Prerequisite or corequisite: AUTO 125 **Corequisites:** AUTO 129

Outline (http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80762 376 HYB	Lab M-----	09:00-11:40 AM	08/22/16-12/18/16	ATB 190	Hale H	18 of 18
	-----	-	08/22/16-12/18/16	Online		
<i>Kansas Senate Bill SB 155</i>						
80763 377 HYB	Lab --W----	06:00-08:40 PM	08/24/16-12/18/16	ATB 190	Hensley E	18 of 18
	-----	-	08/24/16-12/18/16	Online		
<i>Kansas Senate Bill SB 155</i>						
80764 378 HYB	Lab ---R---	10:00-12:40 PM	08/25/16-12/18/16	ATB 190	Ireland J	18 of 18
	-----	-	08/25/16-12/18/16	Online		
<i>Kansas Senate Bill SB 155</i>						

AUTO 156 - Electrical I

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

Credit Hours: 3

Associated Costs: \$0 to \$400

Prerequisite or corequisite: AUTO 125

Outline (http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_156)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80783 376 HYB	-T-----	01:00-02:40 PM	08/23/16-12/18/16	ATB 129	Hale H	18 of 18
	-----	-	08/23/16-12/18/16	Online		
	Lab ---R---	01:00-03:40 PM	08/25/16-12/18/16	ATB 182		
<i>Kansas Senate Bill SB 155</i>						
80790 377 HYB	M-----	01:00-02:40 PM	08/22/16-12/18/16	ATB 129	Ireland J	18 of 18
	-----	-	08/22/16-12/18/16	Online		
	Lab --W----	01:00-03:40 PM	08/24/16-12/18/16	ATB 182		
<i>Kansas Senate Bill SB 155</i>						
80791 378 HYB	M-----	06:00-07:40 PM	08/22/16-12/18/16	ATB 129	Fort R	18 of 18
	-----	-	08/22/16-12/18/16	Online		
	Lab --W----	06:00-08:40 PM	08/24/16-12/18/16	ATB 182		
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/auto/#AUTO_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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80792 376 HYB	-T-R---	08:00-08:50 AM	08/23/16-12/18/16	ATB 129	Hall D	14 of 14
Lab	-T-R---	09:00-11:40 AM	08/23/16-12/18/16	ATB 185		
	-----	-	08/23/16-12/18/16	Online		

Kansas Senate Bill SB 155

80793 377 HYB	-T-R---	06:00-06:50 PM	08/23/16-12/18/16	ATB 127	Hill B	14 of 14
Lab	-T-R---	07:00-09:40 PM	08/23/16-12/18/16	ATB 185		
	-----	-	08/23/16-12/18/16	Online		

Kansas Senate Bill SB 155

AUTO 205 - Engine Performance II

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

Credit Hours: 3

Associated Costs: \$0 to 400

Prerequisite: AUTO 161 and AUTO 165

Outline (http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80794 376 HYB	M-----	06:00-07:40 PM	08/22/16-12/18/16	ATB 142	James J	18 of 18
	-----	-	08/22/16-12/18/16	Online		
Lab	--W----	06:00-08:40 PM	08/24/16-12/18/16	ATB 192		

Kansas Senate Bill SB 155

80795 377 HYB	-T-----	01:00-02:40 PM	08/23/16-12/18/16	ATB 131	Perrodin R	18 of 18
	-----	-	08/23/16-12/18/16	Online		
Lab	---R---	01:00-03:40 PM	08/25/16-12/18/16	ATB 192		

Kansas Senate Bill SB 155

AUTO 208 - Electrical III

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

Credit Hours: 3

Associated Costs: \$0 to 400

Prerequisites: AUTO 165 and AUTO 166

Outline (http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_208)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80796 376 HYB	M-----	01:00-01:50 PM	08/22/16-12/18/16	ATB 131	James J	18 of 18
Lab	M-W----	02:00-04:40 PM	08/22/16-12/18/16	ATB 190		
	-----	-	08/22/16-12/18/16	Online		

Kansas Senate Bill SB 155

80797 377 HYB	-T-----	06:00-06:50 PM	08/23/16-12/18/16	ATB 142	James J	18 of 18
Lab	-T-R---	07:00-09:40 PM	08/23/16-12/18/16	ATB 192		
	-----	-	08/23/16-12/18/16	Online		

Kansas Senate Bill SB 155

AUTO 209 - Manual Drive Train and Axles

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

Credit Hours: 4

Associated Costs: \$0 to 400

Prerequisite: AUTO 156

Outline (http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_209)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80798 001 F2F	-T-----	06:00-08:40 PM	08/23/16-12/18/16	ATB 129	Brown W	16 of 16
	Lab ---R---	06:00-08:40 PM	08/25/16-12/18/16	ATB 182		

Kansas Senate Bill SB 155

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/coursedescriptions/auto/#AUTO_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80799 001 F2F	M-W----	08:00-08:50 AM	08/22/16-12/18/16	ATB 131	Brown W	16 of 16
	Lab M-W----	09:00-11:40 AM	08/22/16-12/18/16	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/coursedescriptions/auto/#AUTO_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80800 500 INT	-----	-	08/22/16-12/18/16		Brown W	5 of 5

Kansas Senate Bill SB 155

Requirement: Department approval

Health Occupations

AVHO 102 - Certified Nurse Aide (CNA)

This course provides classroom and clinical instruction for the primary care of clients in long-term and acute-care facilities. Students learn skills for daily hygiene, bedside care, vital sign measurement, positioning and safe transfer of clients. The class prepares and schedules the student to take the Kansas CNA examination. 96 total contact hrs. For additional information go to the jccc.edu website: click on classes; click on credit class search; click the semester; course prefix is AVHO Health Occupations. Click on CRN number for information.










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 an appropriate reading placement test score

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
82346 001 F2F	M-W----	05:00-08:00 PM	08/22/16-12/14/16	 OHEC 231	Holzrichter A	10 of 10
<i>Accelerating Opportunity KS</i> <i>Kansas Senate Bill SB 155</i> Note: Registration for this course will not begin until 8:00 a.m., on Friday, April 8, 2016. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html) (http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html) before April 8th to ensure enrollment eligibility. Requirement: unavailable						
82347 002 F2F	M-W----	08:30-03:30 PM	08/22/16-10/12/16	 OHEC 233	Brown D	10 of 10
<i>Accelerating Opportunity KS</i> <i>Kansas Senate Bill SB 155</i> Note: Registration for this course will not begin until 8:00 a.m., on Friday, April 8, 2016. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html) (http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html) before April 8th to ensure enrollment eligibility. Requirement: unavailable						
82348 003 F2F	M-W----	05:30-08:30 PM	08/22/16-12/14/16	 OHEC 233	Waechter J	10 of 10
<i>Kansas Senate Bill SB 155</i> <i>Accelerating Opportunity KS</i> Note: Registration for this course will not begin until 8:00 a.m., on Friday, April 8, 2016. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html) (http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html) before April 8th to ensure enrollment eligibility. Requirement: unavailable						
82360 004 F2F	-T-R---	05:00-08:00 PM	08/23/16-12/15/16	 OHEC 235	Benedict T	10 of 10
<i>Kansas Senate Bill SB 155</i> <i>Accelerating Opportunity KS</i> Note: Registration for this course will not begin until 8:00 a.m., on Friday, April 8, 2016. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html) (http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html) before April 8th to ensure enrollment eligibility. Requirement: unavailable						
82361 005 F2F	M-W----	04:30-07:30 PM	08/22/16-12/14/16	 OHEC 241	Kuria J	10 of 10
<i>Kansas Senate Bill SB 155</i> <i>Accelerating Opportunity KS</i> Note: Registration for this course will not begin until 8:00 a.m., on Friday, April 8, 2016. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html) (http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html) before April 8th to ensure enrollment eligibility. Requirement: unavailable						
82362 006 F2F	--WR---	08:30-03:30 PM	08/24/16-10/13/16	 OHEC 235	Horst K	10 of 10
<i>Kansas Senate Bill SB 155</i> <i>Accelerating Opportunity KS</i> Note: Registration for this course will not begin until 8:00 a.m., on Friday, April 8, 2016. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html) (http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html) before April 8th to ensure enrollment eligibility. Requirement: unavailable						
82363 007 F2F	-T-R---	05:00-08:00 PM	08/30/16-12/15/16	 OHEC 231	Brune M	10 of 10
<i>Kansas Senate Bill SB 155</i> <i>Accelerating Opportunity KS</i> Note: Registration for this course will not begin until 8:00 a.m., on Friday, April 8, 2016. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html) (http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html) before April 8th to ensure enrollment eligibility. Requirement: unavailable						
82364 008 F2F	--WR---	08:30-03:30 PM	10/19/16-12/15/16	 OHEC 235	Horst K	10 of 10
<i>Accelerating Opportunity KS</i> <i>Kansas Senate Bill SB 155</i> Note: Registration for this course will not begin until 8:00 a.m., on Friday, April 8, 2016. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html) (http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html) before April 8th to ensure enrollment eligibility. Requirement: unavailable						
82380 377 HYB	--W----	08:30-03:30 PM	08/24/16-10/12/16	 OHEC 231	Kobularcik L	10 of 10

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Kansas Senate Bill SB 155

Accelerating Opportunity KS

Mandatory Classroom Meetings

Note: Registration for this course will not begin until 8:00 a.m., on Friday, April 8, 2016. Students MUST view CNA Enrollment Tips (<http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html>) before April 8th to ensure enrollment eligibility.

Requirement: unavailable

82381	378 HYB	----F--	08:30-03:30 PM	08/26/16-10/14/16	OHEC 231	Schaffer B	10 of 10
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08/26/16-10/14/16

Online

Accelerating Opportunity KS

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

Note: Registration for this course will not begin until 8:00 a.m., on Friday, April 8, 2016. Students MUST view CNA Enrollment Tips (<http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html>) before April 8th to ensure enrollment eligibility.

Requirement: unavailable

82382	379 HYB	M-----	08:30-03:30 PM	10/17/16-12/12/16	OHEC 231	Schaffer B	10 of 10
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10/17/16-12/12/16

Online

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

Accelerating Opportunity KS

Note: Registration for this course will not begin until 8:00 a.m., on Friday, April 8, 2016. Students MUST view CNA Enrollment Tips (<http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html>) before April 8th to ensure enrollment eligibility.

Requirement: unavailable

82383	380 HYB	--W----	08:30-03:30 PM	10/19/16-12/14/16	OHEC 231	Kobularcik L	10 of 10
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10/19/16-12/14/16

Online

Accelerating Opportunity KS

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

Note: Registration for this course will not begin until 8:00 a.m., on Friday, April 8, 2016. Students MUST view CNA Enrollment Tips (<http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html>) before April 8th to ensure enrollment eligibility.

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/academics/health/nursing-related-occupations/tab-credit.html> (<http://www.jccc.edu/academics/health/nursing-related-occupations/tab-credit.html>). This course is not federal aid eligible.

Credit Hours: 1

Prerequisite: Kansas CNA Certification

Outline (http://catalog.jccc.edu/coursedescriptions/avho/#AVHO_103)

CRN	Days	Time	Date	Location	Instructor	Seats Open	
82386	014 F2F	-----S-	09:00-04:30 PM	11/05/16-11/19/16	OHEC 241	Waechter J	15 of 15
82387	015 F2F	--W----	08:00-03:30 PM	09/28/16-10/12/16	OHEC	Reischman C	15 of 15

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) website, click on classes; click on credit class search; click the semester; course prefix is AVHO Health Occupations. Click on CRN number for information. This course is not federal aid-eligible.

Credit Hours: 4

Associated Costs: \$20 to \$110

Requirements: Proof of Kansas CNA certification, a current TB skin test within the last year with negative results, current CPR for Health Care Providers documentation and a Social Security card. Prerequisite: An appropriate reading placement test score

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
82035 002 F2F	-T-R---	08:30-02:30 PM	08/23/16-10/13/16	 OHEC 217	Dillon E	12 of 12
<i>Kansas Senate Bill SB 155</i>						
82037 003 F2F	-T-R---	08:30-02:30 PM	10/18/16-12/08/16	 OHEC 217	Dillon E	12 of 12
<i>Kansas Senate Bill SB 155</i>						

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 healthcare assistance at home. Students will be scheduled to take the Kansas HHA certification examination. 21 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. This course is not federal aid-eligible.

Credit Hours: 1

Associated Costs: \$20 to 55

Requirements: Proof of Kansas CNA certification, a current TB skin test within the last year with negative results, current CPR for Health Care Providers documentation and a Social Security card. Prerequisite: An appropriate reading placement test score

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
82397 018 F2F	-----S-	09:00-04:30 PM	11/05/16-11/19/16	 OHEC 231	Wiley K	15 of 15
<i>Accelerating Opportunity KS</i>						
<i>Kansas Senate Bill SB 155</i>						

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

This course meets the continuing education requirements for licensed Certified Medication Aides. The course includes review of commonly used drugs and their interactions with foods and other drugs. Also included are discussions of legal implications and regulations related to administration and record keeping, biological effects of medications on the elderly and a review of basic safety principles. 15 contact hours. For additional information go to the jccc.edu web page: click on classes; click on credit class search; click the semester; course prefix is AVHO Health Occupations. Click on CRN number for information. For more information, go to <http://www.jccc.edu/academics/health/nursing-related-occupations/tab-credit.html> (<http://www.jccc.edu/academics/health/nursing-related-occupations/tab-credit.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 \(http://catalog.jccc.edu/coursedescriptions/avho/#AVHO_108\)](http://catalog.jccc.edu/coursedescriptions/avho/#AVHO_108)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82389 016 F2F	-----S-	09:00-04:30 PM	09/24/16-10/01/16	 OHEC 231	Wiley K	15 of 15

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/coursedescriptions/biol/#BIOL_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80705 001 F2F	--W----	04:00-05:50 PM	08/24/16-12/18/16	SCI 122	Faculty	24 of 24
Note: Students requiring a nutrition class for a BSN nursing degree or allied health must take BIOL 235, not BIOL 110.						
80706 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Faculty	24 of 24
Note: Students requiring a nutrition class for a BSN nursing degree or allied health must take BIOL 235, not BIOL 110.						

BIOL 121 - Introductory Biology for Non-Majors

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

Credit Hours: 4

Associated Costs: \$0 to 15

Outline (http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80708 001 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	CLB 316	Finch D	28 of 28
	Lab ----F--	09:00-10:50 AM	08/26/16-12/18/16	SCI 207		
<i>KBOR Seamless Transfer</i>						
80709 002 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	CLB 316	Loring D	28 of 28
	Lab -T-----	09:00-10:50 AM	08/23/16-12/18/16	SCI 207		
<i>KBOR Seamless Transfer</i>						
80710 003 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	CLB 314	Vickers J	28 of 28
	Lab -T-----	09:30-11:20 AM	08/23/16-12/18/16	SCI 203		
<i>KBOR Seamless Transfer</i>						
80729 004 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	CLB 314	Vickers J	28 of 28
	Lab -T-----	12:00-01:50 PM	08/23/16-12/18/16	SCI 203		
<i>KBOR Seamless Transfer</i>						
80728 005 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	CLB 316	Loring D	28 of 28
	Lab ----F--	11:00-12:50 PM	08/26/16-12/18/16	SCI 207		
<i>KBOR Seamless Transfer</i>						
80730 006 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	CLB 316	Weigand K	28 of 28
	Lab M-----	01:00-02:50 PM	08/22/16-12/18/16	SCI 203		
<i>KBOR Seamless Transfer</i>						
80731 007 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	CLB 314	Vickers J	28 of 28
	Lab ---R---	09:30-11:20 AM	08/25/16-12/18/16	SCI 207		
<i>KBOR Seamless Transfer</i>						
80732 008 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	CLB 314	Vickers J	28 of 28
	Lab ---R---	12:00-01:50 PM	08/25/16-12/18/16	SCI 207		
<i>KBOR Seamless Transfer</i>						
80733 009 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	CLB 316	Dyke F	28 of 28
	Lab --W----	02:00-03:50 PM	08/24/16-12/18/16	SCI 207		
<i>KBOR Seamless Transfer</i>						
80734 011 F2F	M-W-F--	02:00-02:50 PM	08/22/16-12/18/16	CLB 314	Faculty	28 of 28
	Lab ---R---	02:00-03:50 PM	08/25/16-12/18/16	SCI 207		
<i>KBOR Seamless Transfer</i>						

80735 012 F2F		-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CLB 316	Decelles P	28 of 28
	Lab	-T-----	01:00-02:50 PM	08/23/16-12/18/16	SCI 207		
<i>KBOR Seamless Transfer</i>							
80736 013 F2F		-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CLB 314	Chappell A	28 of 28
	Lab	-T-----	02:00-03:50 PM	08/23/16-12/18/16	SCI 203		
<i>KBOR Seamless Transfer</i>							
80737 014 F2F		-T-R---	11:00-12:15 PM	08/23/16-12/18/16	CLB 316	Loring D	28 of 28
	Lab	---R---	09:00-10:50 AM	08/25/16-12/18/16	SCI 203		
<i>KBOR Seamless Transfer</i>							
80738 015 F2F		-T-R---	12:30-01:45 PM	08/23/16-12/18/16	CLB 316	Loring D	28 of 28
	Lab	--W----	11:00-12:50 PM	08/24/16-12/18/16	SCI 203		
<i>KBOR Seamless Transfer</i>							
80739 050 F2F		-T-----	06:00-08:50 PM	08/23/16-12/18/16	CLB 314	Gargesh R	28 of 28
	Lab	---R---	06:00-07:50 PM	08/25/16-12/18/16	SCI 207		
<i>KBOR Seamless Transfer</i>							
80743 380 HYB	Lab	M-----	03:00-04:50 PM	08/22/16-12/18/16	SCI 203	Williams D	28 of 28
		-----	-	08/22/16-12/18/16	Online		
<i>KBOR Seamless Transfer</i>							
<i>Mandatory Classroom Meetings</i>							
Note: Lab meetings are mandatory.							
80741 381 HYB		-----	-	08/22/16-12/18/16	Online	Decelles P	28 of 28
	Lab	-T-----	03:00-04:50 PM	08/23/16-12/18/16	SCI 207		
<i>KBOR Seamless Transfer</i>							
<i>Mandatory Classroom Meetings</i>							
Note: Lab meetings are mandatory.							
80740 382 HYB		-----	-	08/22/16-12/18/16	Online	Decelles P	28 of 28
	Lab	-T-----	06:00-07:50 PM	08/23/16-12/18/16	SCI 207		
<i>Mandatory Classroom Meetings</i>							
<i>KBOR Seamless Transfer</i>							
Note: Lab meetings are mandatory.							
80742 383 HYB		-----	-	09/05/16-12/18/16	Online	Stawinski S	12 of 12
	Lab	-----S-	01:00-04:50 PM	09/10/16-09/17/16	SCI 207		
	Lab	-----S-	01:00-02:50 PM	09/24/16-12/18/16	SCI 207		
<i>Mandatory Classroom Meetings</i>							
<i>KBOR Seamless Transfer</i>							
Note: Late Start Course. Lab meetings are mandatory.							

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/coursedescriptions/biol/#BIOL_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80745 400 MED	-----	-	08/22/16-12/18/16		Gargesh R	24 of 24

Note: Students will receive their syllabus/TV information packet via their JCCC student email account. Should you not receive a packet by the end of the first week of class, contact the instructor directly via email. DVD's of lecture are available for check-out in the library. The broadcast schedule is Mondays, noon-1pm and repeats Fridays, 9-10am.

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/coursedescriptions/biol/#BIOL_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80746 050 F2F	M-W----	06:00-09:20 PM	08/22/16-12/18/16	CLB 407	Faculty	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/coursedescriptions/biol/#BIOL_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80747 001 F2F	M-W-F--	08:00-10:20 AM	08/22/16-12/18/16	CLB 407	Holcroft Benson N	24 of 24
80748 002 F2F	-T-R---	12:30-03:50 PM	08/23/16-12/18/16	CLB 407	Seibel D	24 of 24
80749 050 F2F	-T-R---	06:00-09:20 PM	08/23/16-12/18/16	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.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80765 001 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	SCI 118	Faculty	24 of 24
80766 002 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	SCI 118	Faculty	24 of 24
80767 003 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	SCI 118	Faculty	24 of 24
80768 004 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	GP 101	Faculty	24 of 24
80769 005 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	GP 101	Faculty	24 of 24
80770 006 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	GP 101	Faculty	24 of 24
80771 007 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	SCI 118	Giambrone S	24 of 24
80772 008 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	SCI 118	Giambrone S	24 of 24
80773 009 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	GP 101	Faculty	24 of 24
80774 050 F2F	---R---	06:00-08:50 PM	08/25/16-12/18/16	GP 101	Faculty	24 of 24
80775 090 F2F	M-----	06:00-08:59 PM	09/12/16-12/18/16	GP 101	Faculty	12 of 12

Note: Late Start Course.

80776 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Williams D	24 of 24
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Lecture: This class requires a short term service learning project. All assignments and exams are accessed online and have specific due dates. Please refer to the syllabus and schedule for exact dates. A digital camera and the ability to upload photos is a requirement.

80777 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Faculty	24 of 24
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Lecture: This class requires a short term service learning project. All assignments and exams are accessed online and have specific due dates. Please refer to the syllabus and schedule for exact dates. A digital

camera and the ability to upload photos is a requirement.

80778 352 ONLINE ----- - 08/22/16-12/18/16 Online Faculty 24 of 24

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. A service learning project is required. 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/coursedescriptions/biol/#BIOL_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80779 001 F2F	Lab M-----	11:00-12:50 PM	08/22/16-12/18/16	CLB 303	Faculty	24 of 24
80780 002 F2F	Lab -T-----	09:00-10:50 AM	08/23/16-12/18/16	CLB 303	Faculty	24 of 24
80781 003 F2F	Lab -T-----	02:00-03:50 PM	08/23/16-12/18/16	CLB 303	Faculty	24 of 24
80782 004 F2F	Lab ---R---	11:00-12:50 PM	08/25/16-12/18/16	CLB 303	Faculty	24 of 24
80784 050 F2F	Lab -T-----	06:00-07:50 PM	08/23/16-12/18/16	CLB 303	Faculty	24 of 24
80785 350 ONLINE	Lab -----	-	08/22/16-12/18/16	Online	Faculty	24 of 24

Note: All assignments and exams are submitted online, which requires students have access to a computer with internet connection. A digital camera and the ability to upload photos to the online learning management system is a requirement. There is a weekly lab, with some labs requiring students visit local areas to assess flora and fauna.

80786 351 ONLINE	Lab -----	-	08/22/16-12/18/16	Online	Faculty	24 of 24
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Note: All assignments and exams are submitted online, which requires students have access to a computer with internet connection. A digital camera and the ability to upload photos to the online learning management system is a requirement. There is a weekly lab, with some labs requiring students visit local areas to assess flora and fauna.

80787 352 ONLINE	Lab -----	-	08/22/16-12/18/16	Online	Faculty	24 of 24
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Note: All exams and assignments are submitted 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/coursedescriptions/biol/#BIOL_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80788 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Mulcahy E	24 of 24
82055 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Mulcahy E	24 of 24

BIOL 134 - Principles of Sustainability

Principles of Sustainability introduces students to the social, economic and environmental dimensions of sustainability and sustainable development. The course will critically examine the use of sustainable principles to guide decision making and problem solving in personal, campus, community and global contexts. Students will engage in a variety of individual, group, campus and community activities and collaborate with campus and community offices and agencies in order to identify, assess

and address local sustainability needs. Students will be required to present their projects at a public sustainability forum. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80789 050 F2F	-T-----	07:00-10:00 PM	08/23/16-12/18/16	CLB 316	Faculty	24 of 24

Kansas Senate Bill SB 155

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/coursedescriptions/biol/#BIOL_135) [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80873 001 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	RC 370	Lasley L	24 of 24
	Lab --W----	09:00-10:50 AM	08/24/16-12/18/16	RC 345		
80874 002 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	RC 370	Giambrone S	24 of 24
	Lab M-----	10:00-11:50 AM	08/22/16-12/18/16	RC 345		
80875 003 F2F	Lab M-----	08:00-09:50 AM	08/22/16-12/18/16	RC 345	Arico J	24 of 24
	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	RC 370		
80876 004 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	RC 370	Giambrone S	24 of 24
	Lab M-----	02:00-03:50 PM	08/22/16-12/18/16	RC 345		
80877 005 F2F	Lab -T-----	09:00-10:50 AM	08/23/16-12/18/16	RC 345	Mozingo L	24 of 24
	-T-R--	11:00-12:15 PM	08/23/16-12/18/16	RC 370		
80878 006 F2F	-T-R--	12:30-01:45 PM	08/23/16-12/18/16	RC 370	Mozingo L	24 of 24
	Lab ---R---	02:00-03:50 PM	08/25/16-12/18/16	RC 345		
80879 050 F2F	M-----	06:00-07:50 PM	08/22/16-12/18/16	RC 370	Arico J	24 of 24
	--W----	06:00-06:50 PM	08/24/16-12/18/16	RC 370		
	Lab --W----	07:00-08:50 PM	08/24/16-12/18/16	RC 345		
80881 380 HYB	-----	-	08/22/16-12/18/16	Online	Harmon M	24 of 24
	Lab -T-----	04:00-05:50 PM	08/23/16-12/18/16	RC 345		

Mandatory Classroom Meetings

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

80882 381 HYB	-----	-	08/22/16-12/18/16	Online	Harmon M	24 of 24
	Lab ----F--	09:00-12:50 PM	08/26/16-08/26/16	RC 345		
	Lab ----F--	09:00-12:50 PM	09/09/16-09/09/16	RC 345		
	Lab ----F--	09:00-12:50 PM	09/23/16-09/23/16	RC 345		
	Lab ----F--	09:00-12:50 PM	10/07/16-10/07/16	RC 345		
	Lab ----F--	09:00-12:50 PM	10/21/16-10/21/16	RC 345		
	Lab ----F--	09:00-12:50 PM	11/04/16-11/04/16	RC 345		
	Lab ----F--	09:00-12:50 PM	11/18/16-11/18/16	RC 345		
	Lab ----F--	09:00-12:50 PM	12/02/16-12/02/16	RC 345		

Mandatory Classroom Meetings

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

80880 382 HYB	-----	-	08/22/16-10/16/16	Online	Harmon M	12 of 12
Lab -T-----	12:00-03:50 PM	08/23/16-10/16/16	RC 345			

Mandatory Classroom Meetings

Note: Accelerated 8-week course. Students will be doing twice as much work in a week as students enrolled in a 16-week course. This section is not recommended for students who are not prepared to devote a substantial amount of time to this course daily. Lecture content is delivered online. Lab meetings are mandatory. Exams will be taken in the Testing Center in SC 334 at JCCC. Students are required to complete online orientation.

80883 383 HYB	-----	-	10/17/16-12/11/16	Online	Harmon M	12 of 12
Lab -T-----	12:00-03:50 PM	10/18/16-12/11/16	RC 345			

Mandatory Classroom Meetings




Note: Late Start Accelerated 8-week course. Students will be doing twice as much work in a week as students enrolled in a 16-week course. This section is not recommended for students who are not prepared to devote a substantial amount of time to this course daily. Lecture content is delivered online. Lab meetings are mandatory. Exams will be taken in the Testing Center in SC 334 at JCCC. Students are required to complete online orientation.

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 \(http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_140\)](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_140) | [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80884 001 F2F	M-W-F--	08:00-09:50 AM	08/22/16-12/18/16	CLB 313	LaBarge M	24 of 24
80885 002 F2F	M-W-F--	10:00-11:50 AM	08/22/16-12/18/16	CLB 313	LaBarge M	24 of 24
80886 003 F2F	M-W-F--	01:00-02:50 PM	08/22/16-12/18/16	CLB 313	LaBarge M	24 of 24
80887 004 F2F	M-W-F--	03:00-04:50 PM	08/22/16-12/18/16	CLB 313	Faculty	24 of 24
80888 005 F2F	M-W-F--	04:00-05:50 PM	08/22/16-12/18/16	CLB 309	Faculty	24 of 24
80889 006 F2F	M-W----	10:00-12:45 PM	08/22/16-12/18/16	CLB 309	Makarov A	24 of 24
80890 007 F2F	M-W----	01:00-03:45 PM	08/22/16-12/18/16	CLB 309	Makarov A	24 of 24
80891 008 F2F	-T-R---	09:30-12:15 PM	08/23/16-12/18/16	CLB 313	Makarov A	24 of 24
80892 009 F2F	-T-R---	11:00-01:45 PM	08/23/16-12/18/16	CLB 309	Blodig J	24 of 24
80893 010 F2F	-T-R---	12:30-03:15 PM	08/23/16-12/18/16	CLB 313	Makarov A	24 of 24
80894 011 F2F	-T-R---	02:00-04:45 PM	08/23/16-12/18/16	CLB 309	Blodig J	24 of 24
80895 050 F2F	M-W----	06:00-08:45 PM	08/22/16-12/18/16	CLB 309	Seibel D	24 of 24
80896 051 F2F	-T-R---	06:00-08:45 PM	08/23/16-12/18/16	CLB 309	Blodig J	24 of 24
80897 090 F2F	-T-R---	07:30-10:29 AM	09/06/16-12/18/16	CLB 309	Faculty	12 of 12
Note: Late Start Course.						
80898 200 F2F	M-W-F--	09:00-10:50 AM	08/22/16-12/18/16	 OHEC 107	Faculty	24 of 24
80899 201 F2F	M-W-F--	11:00-12:50 PM	08/22/16-12/18/16	 OHEC 107	Faculty	24 of 24
80901 202 F2F	M-W----	06:00-08:45 PM	08/22/16-12/18/16	 OHEC 107	Faculty	24 of 24
82692 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Blodig J	24 of 24




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/admissions/enrollment/reading-readiness.html>)

Outline (http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_144)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80902 001 F2F	M-W-F--	07:00-09:20 AM	08/22/16-12/18/16	SCI 103	Clark M	24 of 24
<i>KBOR Seamless Transfer</i>						
80903 002 F2F	M-W-F--	09:30-11:50 AM	08/22/16-12/18/16	SCI 103	Faculty	24 of 24
<i>KBOR Seamless Transfer</i>						
80904 003 F2F	M-W----	01:30-04:50 PM	08/22/16-12/18/16	SCI 103	Chorn J	24 of 24
<i>KBOR Seamless Transfer</i>						
80905 004 F2F	-T-R---	07:30-10:50 AM	08/23/16-12/18/16	SCI 103	Chorn J	24 of 24
<i>KBOR Seamless Transfer</i>						
80906 005 F2F	-T-R---	11:00-02:20 PM	08/23/16-12/18/16	SCI 103	Baumgardner B	24 of 24
<i>KBOR Seamless Transfer</i>						
80907 006 F2F	-T-R---	02:30-05:50 PM	08/23/16-12/18/16	SCI 103	Shopper M	24 of 24
<i>KBOR Seamless Transfer</i>						
80908 050 F2F	M-W----	06:00-09:20 PM	08/22/16-12/18/16	SCI 103	Chorn J	24 of 24
<i>KBOR Seamless Transfer</i>						
80910 051 F2F	-T-R---	06:00-09:20 PM	08/23/16-12/18/16	CLB 313	Faculty	24 of 24
<i>KBOR Seamless Transfer</i>						
80912 200 F2F	M-W----	01:00-04:50 PM	08/22/16-12/18/16	 OHEC 107	Faculty	24 of 24
<i>KBOR Seamless Transfer</i>						
80913 201 F2F	-T-R---	08:00-11:20 AM	08/23/16-12/18/16	 OHEC 107	Faculty	24 of 24
<i>KBOR Seamless Transfer</i>						
80914 202 F2F	-T-R---	12:00-03:20 PM	08/23/16-12/18/16	 OHEC 107	Faculty	24 of 24
<i>KBOR Seamless Transfer</i>						
80916 380 HYB	-----	-	08/22/16-12/18/16	Online	Baumgardner B	24 of 24
	-T-----	06:00-09:50 PM	08/30/16-08/30/16	SCI 103		
	-T-----	06:00-09:50 PM	09/13/16-09/13/16	SCI 103		
	-T-----	06:00-09:50 PM	09/27/16-09/27/16	SCI 103		
	-T-----	06:00-09:50 PM	10/11/16-10/11/16	SCI 103		
	-T-----	06:00-09:50 PM	10/25/16-10/25/16	SCI 103		
	-T-----	06:00-09:50 PM	11/08/16-11/08/16	SCI 103		
	-T-----	06:00-09:50 PM	11/22/16-11/22/16	SCI 103		
	-T-----	06:00-09:50 PM	12/06/16-12/06/16	SCI 103		
<i>KBOR Seamless Transfer</i>						
<i>Mandatory Classroom Meetings</i>						
Note: Labs are mandatory. All lab exams are taken in class.						
80917 381 HYB	-----	-	08/22/16-12/18/16	Online	Shopper M	24 of 24
	---R---	06:00-09:50 PM	09/01/16-09/01/16	SCI 103		
	---R---	06:00-09:50 PM	09/15/16-09/15/16	SCI 103		
	---R---	06:00-09:50 PM	09/29/16-09/29/16	SCI 103		
	---R---	06:00-09:50 PM	10/13/16-10/13/16	SCI 103		
	---R---	06:00-09:50 PM	10/27/16-10/27/16	SCI 103		
	---R---	06:00-09:50 PM	11/10/16-11/10/16	SCI 103		
	---R---	06:00-09:50 PM	12/01/16-12/01/16	SCI 103		

KBOR Seamless Transfer

Mandatory Classroom Meetings

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

80919 382 HYB	-----	-	09/05/16-12/18/16	Online	Shopper M	12 of 12
	---R---	06:00-09:59 PM	09/08/16-09/08/16	SCI 103		
	---R---	06:00-09:59 PM	09/22/16-09/22/16	SCI 103		
	---R---	06:00-09:59 PM	10/06/16-10/06/16	SCI 103		
	---R---	06:00-09:59 PM	10/20/16-10/20/16	SCI 103		
	---R---	06:00-09:59 PM	11/03/16-11/03/16	SCI 103		
	---R---	06:00-09:59 PM	11/17/16-11/17/16	SCI 103		
	---R---	06:00-09:59 PM	12/08/16-12/08/16	SCI 103		

Mandatory Classroom Meetings

KBOR Seamless Transfer

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

80924 385 HYB	-----	-	09/05/16-12/18/16	Online	Baumgardner B	12 of 12
	-T-----	06:00-09:59 PM	09/06/16-09/06/16	SCI 103		
	-T-----	06:00-09:59 PM	09/20/16-09/20/16	SCI 103		
	-T-----	06:00-09:59 PM	10/04/16-10/04/16	SCI 103		
	-T-----	06:00-09:59 PM	10/18/16-10/18/16	SCI 103		
	-T-----	06:00-09:59 PM	11/01/16-11/01/16	SCI 103		
	-T-----	06:00-09:59 PM	11/15/16-11/15/16	SCI 103		
	-T-----	06:00-09:59 PM	11/29/16-11/29/16	SCI 103		
	-T-----	06:00-09:59 PM	12/13/16-12/13/16	SCI 103		

Mandatory Classroom Meetings

KBOR Seamless Transfer

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/coursedescriptions/biol/#BIOL_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80925 001 F2F	Lab -T-----	09:00-10:50 AM	08/23/16-12/18/16	CLB 407	Witters L	24 of 24

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/coursedescriptions/biol/#BIOL_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80927 001 F2F	M-W----	12:00-03:20 PM	08/22/16-12/18/16	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/coursedescriptions/biol/#BIOL_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80928 350 ONLINE	-----	-	08/22/16-12/18/16	Online	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 with a grade of "C" or higher or the equivalent introductory college-level course with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80929 001 F2F	M-W----	11:00-12:15 PM	08/22/16-12/18/16	RC 370	Decelles P	24 of 24
	Lab --W----	12:30-03:15 PM	08/24/16-12/18/16	RC 345		

BIOL 214 - Introduction to Teaching Math and Science I

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

Credit Hours: 1

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

Outline (http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_214)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82696 100 F2F	M-----	03:00-04:15 PM	08/22/16-12/18/16	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/coursedescriptions/biol/#BIOL_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82697 100 F2F	--W----	03:00-04:15 PM	08/24/16-12/18/16	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/coursedescriptions/biol/#BIOL_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80930 001 F2F	M-W-F--	10:00-11:50 AM	08/22/16-12/18/16	SCI 111	Faculty	24 of 24
80931 002 F2F	M-W-F--	12:00-01:50 PM	08/22/16-12/18/16	SCI 111	Faculty	24 of 24
80932 003 F2F	M-W-F--	02:00-03:50 PM	08/22/16-12/18/16	SCI 111	Faculty	24 of 24
80933 004 F2F	-T-R---	08:00-10:45 AM	08/23/16-12/18/16	SCI 111	Faculty	24 of 24
80941 005 F2F	-T-R---	02:00-04:50 PM	08/23/16-12/18/16	SCI 111	Menon Parker J	24 of 24
Note: This class is composed of four weekly on-campus class hours and two online assignment hours. The lecture portion is mandatory and conducted on-campus.						
80935 050 F2F	M-W----	06:00-08:45 PM	08/22/16-12/18/16	SCI 111	Menon Parker J	24 of 24
80936 051 F2F	-T-R---	06:00-08:45 PM	08/23/16-12/18/16	SCI 111	Menon Parker J	24 of 24
80937 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	24 of 24
Note: Exams are taken on campus at the JCCC testing center or an approved testing lab. All lab work is computer based and will be completed online.						
80938 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	24 of 24
Note: Exams are taken on campus at the JCCC testing center or an approved testing lab. All lab work is computer based and will be completed online.						
80939 352 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	24 of 24
Note: Exams are taken on campus at the JCCC testing center or an approved testing lab. All lab work is computer based and will be completed online.						
80940 353 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	24 of 24
Note: Exams are taken on campus at the JCCC testing center or an approved testing lab. All lab 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/coursedescriptions/biol/#BIOL_227)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82267 001 F2F	M-W----	02:00-03:50 PM	08/22/16-12/18/16	SCI 118	Menon Parker J	24 of 24
80942 002 F2F	-T-R---	11:00-12:50 PM	08/23/16-12/18/16	SCI 111	Menon Parker J	24 of 24
80943 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Clark M	24 of 24
Note: Tests will be taken on campus in the Testing Center or at an approved testing site.						
80944 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Clark M	24 of 24
Note: Tests will be taken on campus in the Testing Center or at an approved testing site.						

80945 352 ONLINE ----- - 08/22/16-12/18/16 Online Clark M 24 of 24

Note: Tests will be taken on campus in the Testing Center or at an approved testing site.

82268 353 ONLINE ----- - 08/22/16-12/18/16 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/coursedescriptions/biol/#BIOL_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81096 002 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	SCI 116	Cunningham J	28 of 28
81097 003 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	SCI 116	Cunningham J	28 of 28
81098 004 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	SCI 116	Cunningham J	28 of 28
81099 005 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/18/16	SCI 116	Seitz H	28 of 28
81100 006 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	SCI 116	Seitz H	28 of 28
81101 007 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	SCI 116	Scott G	28 of 28
81102 050 F2F	M-W----	06:00-07:15 PM	08/22/16-12/18/16	SCI 116	Oden J	28 of 28
81103 051 F2F	-T-R---	06:00-07:15 PM	08/23/16-12/18/16	SCI 116	Scott G	28 of 28
81104 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Seitz H	28 of 28
Note: Exams will be taken at the JCCC Testing Center or an approved test site. Students are required to complete online orientation.						
81105 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Seitz H	28 of 28
Note: Exams will be taken at the JCCC Testing Center or an approved test site. Students are required to complete online orientation.						
81106 352 ONLINE	-----	-	08/22/16-12/18/16	Online	Wolfgram L	28 of 28
Note: Late Start Course. Exams will be taken at the JCCC Testing Center or an approved test site. Students are required to complete online orientation.						
81107 353 ONLINE	-----	-	09/05/16-12/18/16	Online	Wolfgram L	12 of 12
Note: Late Start Course. Exams will be taken at the JCCC Testing Center or an approved test site. Students are required to complete online orientation.						

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/coursedescriptions/biol/#BIOL_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82358 001 F2F	Lab M-W----	08:00-09:50 AM	08/22/16-12/18/16	SCI 113	Hontz J	24 of 24

81108 002 F2F	Lab	M-W----	10:00-11:50 AM	08/22/16-12/18/16	SCI 113	Scott G	24 of 24
81109 003 F2F	Lab	M-W----	12:00-01:50 PM	08/22/16-12/18/16	SCI 113	Wolfgram L	24 of 24
81110 004 F2F	Lab	-T-R---	08:00-09:50 AM	08/23/16-12/18/16	SCI 113	Faculty	24 of 24
81111 005 F2F	Lab	-T-R---	10:00-11:50 AM	08/23/16-12/18/16	SCI 113	Faculty	24 of 24
81112 006 F2F	Lab	-T-R---	12:00-01:50 PM	08/23/16-12/18/16	SCI 113	Seitz H	24 of 24
81113 007 F2F	Lab	-T-R---	02:00-03:50 PM	08/23/16-12/18/16	SCI 113	Seitz H	24 of 24
81114 008 F2F	Lab	-----S-	09:00-01:00 PM	08/27/16-12/18/16	SCI 113	Olsen R	24 of 24
81115 050 F2F	Lab	M-W----	07:30-09:20 PM	08/22/16-12/18/16	SCI 113	Oden J	24 of 24
81116 051 F2F	Lab	-T-R---	07:30-09:20 PM	08/23/16-12/18/16	SCI 113	Olsen R	24 of 24
81117 090 F2F	Lab	-T-R---	10:00-01:50 PM	10/18/16-12/11/16	RC 372	Cunningham J	12 of 12

Note: Late Start Course. This course is an accelerated 8-week course. Students will be doing twice as much work in a week as students enrolled in a 16-week course offering. This section is not recommended for students who are not prepared to devote a substantial amount of time to this course daily. Mandatory lab meetings are held twice a week.

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/coursedescriptions/biol/#BIOL_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81119 001 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	SCI 124	Faculty	24 of 24
<i>KBOR Seamless Transfer</i>						
81120 050 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	SCI 122	Faculty	24 of 24
<i>KBOR Seamless Transfer</i>						
81121 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	24 of 24
<i>KBOR Seamless Transfer</i>						
81122 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	24 of 24
<i>KBOR Seamless Transfer</i>						
81123 352 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	24 of 24
<i>KBOR Seamless Transfer</i>						

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/coursedescriptions/biol/#BIOL_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81124 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Baumgardner B	24 of 24
<i>Kansas Senate Bill SB 155</i>						

Note: Stedents will be required to take course tests in the JCCC Testing Center or at an approved testing site.

Biotechnology

Missouri residents, see Reverse Cooperative Information (<http://www.jccc.edu/academics/cooperative/missouri-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/or corequisites require a grade of "C" or higher.

Outline (http://catalog.jccc.edu/coursedescriptions/biot#BIOT_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81125 200 F2F	--W----	03:00-04:50 PM	09/07/16-12/18/16	 LCCC 114	Faculty	12 of 12
<i>Kansas Senate Bill SB 155</i>						
81126 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Wolfgram L	24 of 24
<i>Kansas Senate Bill SB 155</i>						

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/or corequisites require a grade of "C" or higher.

Outline (http://catalog.jccc.edu/coursedescriptions/biot#BIOT_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81127 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Wolfgram L	24 of 24
<i>Kansas Senate Bill SB 155</i>						

Note: This course has all materials provided online.

BIOT 230 - Microbiology for Biotechnology

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

Credit Hours: 5

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

Outline (http://catalog.jccc.edu/coursedescriptions/biot#BIOT_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81128 050 F2F	M-W----	04:00-05:20 PM	08/22/16-12/18/16	RC 370	Wolfgram L	16 of 16
	Lab M-W----	05:30-07:20 PM	08/22/16-12/18/16	RC 372		

BIOT 265 - Biotechnology Internship

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

Credit Hours: 4

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

Outline (http://catalog.jccc.edu/coursedescriptions/biot#BIOT_265)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81130 500 INT	-----	-	08/22/16-12/18/16		Wolfgram L	8 of 8

Kansas Senate Bill SB 155
Requirement: Department approval

Business Office Technology

BOT 101 - Computerized Keyboarding

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

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/bot#BOT_101)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80174 001 F2F	M-W----	01:00-02:15 PM	10/03/16-11/02/16	GEB 353A	Hedberg M	12 of 12

Mandatory Classroom Meetings
Note: Required Software for this course is not compatible with Macintosh computers unless it is partitioned to run Windows(PC).

80173 002 F2F	-T-----	06:00-08:50 PM	11/08/16-12/06/16	GEB 351B	Tatum D	12 of 12
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Note: Required Software for this course is not compatible with Macintosh computers unless it is partitioned to run Windows(PC).

81060 350 ONLINE	-----	-	08/29/16-10/02/16	Online	Hedberg M	18 of 18
	--W----	03:00-03:50 PM	09/28/16-09/28/16	GEB 353B		
	--W----	05:00-05:50 PM	09/28/16-09/28/16	GEB 353B		

Mandatory Classroom Meetings

Note: There is a required on-campus final for this course. The 50 minute final is scheduled to be held on Wednesday, September 28th, 2016 at either 3:00pm or 5:00pm. Once enrolled, please check the syllabus for additional information. Required Software for this course is not compatible with Macintosh computers unless it is partitioned to run Windows(PC).

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/coursedescriptions/bot#BOT_103)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80176 001 F2F	M-W----	11:00-12:15 PM	08/22/16-12/18/16	GEB 353B	Leiker C	18 of 18
80177 002 F2F	-T-----	06:00-08:40 PM	08/23/16-12/18/16	GEB 353B	Home S	18 of 18

BOT 105 - Keyboarding and Formatting I

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

Credit Hours: 3

Associated Costs: \$10-\$15

Outline (http://catalog.jccc.edu/coursedescriptions/bot/#BOT_105)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81056 001 F2F	M-W----	11:00-12:15 PM	08/22/16-12/18/16	GEB 353A	Hedberg M	18 of 18
Note: Required Software for this course is not compatible with Macintosh computers unless it is partitioned to run Windows(PC).						
80198 002 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	GEB 353A	Hedberg M	18 of 18
Note: Required Software for this course is not compatible with Macintosh computers unless it is partitioned to run Windows(PC).						
80199 003 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	GEB 353B	Home S	18 of 18
Note: Required Software for this course is not compatible with Macintosh computers unless it is partitioned to run Windows(PC).						

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

Associated Costs: \$10-\$15

Prerequisite or corequisite: BOT 105

Outline (http://catalog.jccc.edu/coursedescriptions/bot/#BOT_106)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80200 001 F2F	M-W----	09:30-10:45 AM	08/22/16-12/18/16	GEB 353B	Leiker C	18 of 18
80201 002 F2F	---R---	06:00-08:50 PM	08/25/16-12/18/16	GEB 353B	Gerdes C	18 of 18

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/coursedescriptions/bot/#BOT_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80202 001 F2F	M-----	01:00-02:15 PM	08/22/16-10/24/16	GEB 353A	Leiker C	10 of 10

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/coursedescriptions/bot/#BOT_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81058 001 F2F	M-W----	01:00-02:15 PM	11/07/16-12/07/16	GEB 351B	Leiker C	12 of 12
80203 002 F2F	-T-----	06:00-08:40 PM	08/23/16-09/20/16	GEB 351B	Tatum D	12 of 12

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/coursedescriptions/bot#BOT_118)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81057 001 F2F	M-----	01:00-02:15 PM	08/22/16-10/24/16	GEB 353A	Leiker C	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

Associated Costs: \$10-\$15

Prerequisite: BOT 105

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
80204 001 F2F	-T-R---	12:30-01:45 PM	11/08/16-12/08/16	GEB 353B	Hedberg M	12 of 12

BOT 125 - Document Formatting

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

Credit Hours: 1

Prerequisite: BOT 155

Outline (http://catalog.jccc.edu/coursedescriptions/bot#BOT_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80205 001 F2F	--W----	06:00-08:50 PM	11/09/16-12/07/16	GEB 353B	Tatum D	18 of 18
81155 002 F2F	-T-R---	11:00-12:15 PM	11/08/16-12/08/16	GEB 353A	Hedberg M	18 of 18

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

Associated Costs: \$10-\$15

Outline (http://catalog.jccc.edu/coursedescriptions/bot#BOT_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80206 001 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	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/coursedescriptions/bot#BOT_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80208 002 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	GEB 353A	Wessel C	18 of 18

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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/coursedescriptions/bot#BOT_142)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81001 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Faculty	15 of 15

Kansas Senate Bill SB 155

81003 351 ONLINE	-----	-	08/22/16-12/18/16	Online	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/coursedescriptions/bot#BOT_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80209 001 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	GEB 353B	Leiker C	18 of 18

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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

Associated Costs: \$10-\$15

Prerequisites: BOT 105 and BOT 106

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
80210 001 F2F	--W----	06:00-08:40 PM	08/24/16-10/26/16	GEB 353B	Hair J	18 of 18
81156 002 F2F	-T-R---	11:00-12:15 PM	08/23/16-10/27/16	GEB 353A	Hedberg M	18 of 18

BOT 160 - Legal Transcription

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

Credit Hours: 3

Prerequisite: BOT 155

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
80211 001 F2F	---R---	06:00-08:50 PM	08/25/16-12/18/16	GEB 351B	Davis M	9 of 9

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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

Associated Costs: \$10-\$15

Prerequisite: BOT 106

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
80213 001 F2F	--W----	09:30-10:45 AM	08/24/16-10/26/16	GEB 353A	Mealman K	12 of 12

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

Associated Costs: \$10-\$15

Prerequisite: BOT 106

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
80215 001 F2F	---R---	06:00-07:15 PM	08/25/16-10/27/16	GEB 353A	Johnstone B	18 of 18

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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 \(http://catalog.jccc.edu/coursedescriptions/bot/#BOT_205\)](http://catalog.jccc.edu/coursedescriptions/bot/#BOT_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80218 001 F2F	-T-----	06:00-08:40 PM	11/08/16-12/06/16	GEB 353A	Johnstone B	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

Associated Costs: \$10-\$15

Prerequisite: BOT 155

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
80220 001 F2F	-T-----	06:00-08:40 PM	08/23/16-10/25/16	GEB 353A	Johnstone B	18 of 18

BOT 260 - Desktop Publishing for the Office

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

Credit Hours: 3

Prerequisite: BOT 155

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
80221 001 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	GEB 353A	McPhee J	12 of 12

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 \(http://catalog.jccc.edu/coursedescriptions/bot/#BOT_275\)](http://catalog.jccc.edu/coursedescriptions/bot/#BOT_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80222 500 INT	-----	-	08/22/16-12/18/16		Hedberg M	20 of 20
	--W----	05:00-05:50 PM	08/24/16-08/24/16	GEB 353A		

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

NOTE: Required Internship meeting: August 24th from 5-5:50pm in GEB 353A.

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 \(http://catalog.jccc.edu/coursedescriptions/bot/#BOT_280\)](http://catalog.jccc.edu/coursedescriptions/bot/#BOT_280)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80226 500 INT	-----	-	08/22/16-12/18/16		Hedberg M	20 of 20
	--W----	05:00-05:50 PM	08/24/16-08/24/16	GEB 353A		

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

NOTE: Required Internship meeting: August 24th from 5-5:50pm in GEB 353A

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 \(http://catalog.jccc.edu/coursedescriptions/bus/#BUS_120\)](http://catalog.jccc.edu/coursedescriptions/bus/#BUS_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80004 001 F2F	---F--	06:00-09:30 PM	11/04/16-11/18/16	GEB 258	Courtney S	24 of 24
	-----S-	08:00-06:30 PM	11/05/16-11/19/16	GEB 258		

Kansas Senate Bill SB 155

BUS 121 - Introduction to Business

Upon successful completion of this course, the student should be able to define the free enterprise system and explain the fundamentals of business creation. Students should be able to describe the interrelationship between the different business areas of accounting, finance, information systems, management, operations and marketing. The student should also be able to explain how ethics and responsible business citizenship are applicable to each area of a business. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/bus/#BUS_121\)](http://catalog.jccc.edu/coursedescriptions/bus/#BUS_121) | [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80005 001 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	GEB 258	Horner E	24 of 24
80006 002 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	OCB 142	Gallagher K	24 of 24
80007 003 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	OCB 142	Horner E	24 of 24
80008 004 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	OCB 142	Gallagher K	24 of 24
80009 005 F2F	M-W----	04:00-06:50 PM	10/17/16-12/07/16	RC 342	Hinds A	18 of 18

Two x 2 x 2

Kansas Senate Bill SB 155

Note: This 8-week section of Introduction to Business is part of the Two-by-Two degree schedule. However, any student can enroll in this 8-week section and earn 3 credit hours in BUS 121: Introduction to Business.

80010 006 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CC 229	Hinds A	24 of 24
<i>Kansas Senate Bill SB 155</i>						
82649 007 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	GEB 258	Gallagher K	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80012 008 F2F	-T-R---	03:30-04:45 PM	08/23/16-12/18/16	OCB 142	Gallagher K	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80013 009 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	OCB 142	Rasmussen L	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80014 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Gallagher K	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80016 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Haverty M	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80015 352 ONLNE	-----	-	08/22/16-10/16/16	Online	Noel M	24 of 24
<i>Kansas Senate Bill SB 155</i>						
Note: This section runs during the 1st 8-weeks of the semester on the dates shown above.						
80021 353 ONLNE	-----	-	08/22/16-10/16/16	Online	Gallagher K	24 of 24
<i>Kansas Senate Bill SB 155</i>						
Note: This section runs during the 1st 8-weeks of the semester on the dates shown above.						
80018 354 ONLNE	-----	-	10/17/16-12/11/16	Online	Gallagher K	24 of 24
<i>Kansas Senate Bill SB 155</i>						
Note: This section runs during the 2nd 8-weeks of the semester on the dates shown above.						
80019 355 ONLNE	-----	-	10/17/16-12/11/16	Online	Noel M	24 of 24
<i>Kansas Senate Bill SB 155</i>						
Note: This section runs during the 2nd 8-weeks of the semester on the dates shown above.						
82471 356 ONLNE	-----	-	10/17/16-12/11/16	Online	Noel M	24 of 24
<i>Kansas Senate Bill SB 155</i>						
Note: This section runs during the 2nd 8 weeks of the semester on the dates shown above.						

BUS 123 - Personal Finance

Upon successful completion of this course, the student should be able to develop a basic financial plan; calculate principal and interest; identify the types of consumer credit; make housing decisions; fill out a tax form and determine individual insurance needs. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/bus/#BUS_123) | [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80023 001 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/18/16	OCB 142	Begley J	24 of 24
80022 002 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	GEB 258	Forbes H	24 of 24
80027 004 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	GEB 258	Lundeen S	24 of 24
82011 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Hussein S	24 of 24
80028 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Noel M	24 of 24
82472 352 ONLNE	-----	-	08/22/16-12/18/16	Online	Noel M	24 of 24
80031 353 ONLNE	-----	-	08/22/16-10/16/16	Online	Hussein S	24 of 24
Note: This section runs during the 1st 8-weeks of the semester on the dates shown above.						
80029 354 ONLNE	-----	-	08/22/16-10/16/16	Online	Noel M	24 of 24
Note: This section runs during the 1st 8-weeks of the semester on the dates shown above.						
80030 355 ONLNE	-----	-	10/17/16-12/11/16	Online	Hussein S	24 of 24
Note: This section runs during the 2nd 8-weeks of the semester on the dates shown above.						

Note: This section runs during the 2nd 8-weeks of the semester on the dates shown above.

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/coursedescriptions/bus/#BUS_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80033 001 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	RC 342	Webb F	18 of 18
<i>Kansas Senate Bill SB 155</i>						
80034 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Webb F	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80035 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Webb F	24 of 24
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/bus/#BUS_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80037 001 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	GEB 258	Kolich R	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80040 002 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	OCB 142	Ferguson G	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80041 003 F2F	-T-----	06:00-08:50 PM	08/23/16-12/18/16	GEB 258	Postlewait J	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80046 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Webb F	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80045 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Webb F	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80042 352 ONLINE	-----	-	08/22/16-12/18/16	Online	Webb F	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80047 353 ONLINE	-----	-	10/17/16-12/11/16	Online	Webb F	24 of 24
<i>Kansas Senate Bill SB 155</i>						

Note: This section runs during the 2nd 8-weeks of the semester on the dates shown above.

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 \(http://catalog.jccc.edu/coursedescriptions/bus/#BUS_145\)](http://catalog.jccc.edu/coursedescriptions/bus/#BUS_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80049 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Kolich R	24 of 24

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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 \(http://catalog.jccc.edu/coursedescriptions/bus/#BUS_150\)](http://catalog.jccc.edu/coursedescriptions/bus/#BUS_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80050 001 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	GEB 258	Anderson K	24 of 24
80052 003 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	CC 229	Paldino L	24 of 24
80053 004 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	GEB 258	Mauppin S	24 of 24
80054 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Gaines K	20 of 20
80055 352 ONLINE	-----	-	08/22/16-12/18/16	Online	Gaines K	20 of 20
80056 353 ONLINE	-----	-	08/22/16-10/16/16	Online	Nikravan S	20 of 20

Note: This section runs during the 1st 8-weeks of the semester on the dates shown above.

80057 354 ONLINE	-----	-	10/17/16-12/11/16	Online	Hughey K	20 of 20
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Note: This section runs during the 2nd 8-weeks of the semester on the dates shown above.

82144 355 ONLINE	-----	-	10/17/16-12/11/16	Online	Haverty M	20 of 20
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Note: This section runs during the 2nd 8-weeks of the semester on the dates shown above.

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 \(http://catalog.jccc.edu/coursedescriptions/bus/#BUS_175\)](http://catalog.jccc.edu/coursedescriptions/bus/#BUS_175)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80058 001 F2F	-T-R---	11:00-12:15 PM	09/13/16-12/15/16	GEB 258	Duffey D	24 of 24

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 \(http://catalog.jccc.edu/coursedescriptions/bus/#BUS_215\)](http://catalog.jccc.edu/coursedescriptions/bus/#BUS_215) | [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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80059 350 ONLNE ----- - 08/22/16-10/16/16 Online Fleming S 24 of 24

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Note: This section runs during the 1st 8-weeks of the semester on the dates shown above.

80060 351 ONLNE ----- - 10/17/16-12/11/16 Online Fleming S 24 of 24

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Note: This section runs during the 2nd 8-weeks of the semester on the dates shown above.

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/coursedescriptions/bus/#BUS_225) Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
80061 001 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	GEB 258	Richards H	24 of 24
80063 002 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	OCB 142	Ferguson G	24 of 24
80064 003 F2F	---R---	06:00-08:50 PM	08/25/16-12/18/16	GEB 258	Ferguson G	24 of 24
80066 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Korb J	24 of 24
80068 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Korb J	24 of 24
80070 352 ONLNE	-----	-	08/22/16-10/16/16	Online	Smith J	24 of 24

Note: This section runs during the 1st 8-weeks of the semester on the dates shown above.

80072 353 ONLNE ----- - 10/17/16-12/11/16 Online Smith J 24 of 24

Note: This section runs during the 2nd 8-weeks of the semester on the dates shown above.

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/coursedescriptions/bus/#BUS_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80074 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Hussein S	24 of 24

Kansas Senate Bill SB 155

82473 351 ONLNE ----- - 10/17/16-12/11/16 Online Hussein S 24 of 24

Kansas Senate Bill SB 155

Note: This section runs during the 2nd 8 weeks of the semester on the dates shown above.

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/coursedescriptions/bus/#BUS_243)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80075 001 F2F	M-W-F--	02:00-02:50 PM	08/22/16-12/18/16	GEB 254	Richards H	32 of 32
<i>Kansas Senate Bill SB 155</i>						
80076 350 ONLNE	-----	-	08/22/16-10/16/16	Online	Hussein S	24 of 24
<i>Kansas Senate Bill SB 155</i>						
Note: This section runs during the 1st 8-weeks of the semester on the dates shown above.						
80078 351 ONLNE	-----	-	10/17/16-12/11/16	Online	Hussein S	24 of 24
<i>Kansas Senate Bill SB 155</i>						
Note: This section runs during the 2nd 8-weeks of the semester on the dates shown above.						

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/admissions/enrollment/reading-readiness.html>)

[Outline \(http://catalog.jccc.edu/coursedescriptions/bus/#BUS_261\)](http://catalog.jccc.edu/coursedescriptions/bus/#BUS_261) | [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80079 001 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	CC 229	Feagan C	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80080 002 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	OCB 142	Feagan C	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80084 003 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	GEB 258	Crawford T	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80082 004 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	GEB 379	Crawford T	22 of 22
<i>Kansas Senate Bill SB 155</i>						
80086 005 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	OCB 142	Waldman E	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80087 006 F2F	---R---	06:00-08:50 PM	08/25/16-12/18/16	OCB 142	Baker M	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80089 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Crawford T	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80091 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Crawford T	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80092 352 ONLNE	-----	-	08/22/16-12/18/16	Online	Feagan C	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80095 353 ONLNE	-----	-	08/22/16-10/16/16	Online	Waldman E	24 of 24
<i>Kansas Senate Bill SB 155</i>						
Note: This section runs during the 1st 8-weeks of the semester on the dates shown above.						
82162 354 ONLNE	-----	-	10/17/16-12/11/16	Online	Waldman E	24 of 24
<i>Kansas Senate Bill SB 155</i>						
Note: This section runs during the 2nd 8-weeks of the semester on the dates shown above.						

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 \(http://catalog.jccc.edu/coursedescriptions/bus/#BUS_263\)](http://catalog.jccc.edu/coursedescriptions/bus/#BUS_263)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80100 001 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	GEB 379	Crawford T	22 of 22
<i>Kansas Senate Bill SB 155</i>						
80121 002 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	ITC 183	Bedell T	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80122 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Pener M	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80123 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Stewart-Ayala N	24 of 24
<i>Kansas Senate Bill SB 155</i>						
82163 352 ONLNE	-----	-	10/17/16-12/11/16	Online	Pener M	24 of 24

Kansas Senate Bill SB 155

Note: This section runs during the 2nd 8-weeks of the semester on the dates shown above.

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 \(http://catalog.jccc.edu/coursedescriptions/bus/#BUS_270\)](http://catalog.jccc.edu/coursedescriptions/bus/#BUS_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80126 500 INT	-----	-	08/22/16-12/18/16		Hussein S	9 of 9

Kansas Senate Bill SB 155

Computer Desktop Publishing

CDTP 135 - Desktop Photo Manipulation I: Photoshop

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

Credit Hours: 1

Associated Costs: \$15 to 20

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
82423 001 F2F	-T-----	06:00-08:45 PM	08/23/16-09/20/16	RC 374	Patton K	15 of 15
<i>Kansas Senate Bill SB 155</i>						
Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.						
82424 002 F2F	---R---	12:00-02:45 PM	08/25/16-09/22/16	RC 374	Hincks B	15 of 15
<i>Kansas Senate Bill SB 155</i>						
Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.						
82425 003 F2F	----F--	11:00-01:45 PM	08/26/16-09/23/16	RC 376	McAtee R	15 of 15
<i>Kansas Senate Bill SB 155</i>						
Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.						
82426 004 F2F	-----S-	11:00-01:45 PM	08/27/16-09/24/16	RC 374	McAtee R	15 of 15

Kansas Senate Bill SB 155

Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

82427 005 F2F -T----- 08:00-10:45 AM 09/27/16-10/25/16 RC 374 Hincks B 15 of 15

Kansas Senate Bill SB 155

Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

82428 006 F2F -T----- 11:00-01:45 PM 09/27/16-10/25/16 RC 376 Mora E 15 of 15

Kansas Senate Bill SB 155

Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

82429 007 F2F --W---- 03:00-05:45 PM 09/28/16-10/26/16 RC 374 McAtee R 15 of 15

Kansas Senate Bill SB 155

Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

82430 008 F2F M----- 12:00-02:45 PM 10/03/16-10/31/16 RC 374 Hincks B 15 of 15

Kansas Senate Bill SB 155

Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

82431 009 F2F --W---- 06:00-08:45 PM 11/02/16-12/07/16 RC 374 Harn R 15 of 15

Kansas Senate Bill SB 155

Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

82432 350 ONLNE ----- - 08/22/16-09/26/16 **Online** Epp R 15 of 15

Kansas Senate Bill SB 155

Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

82433 351 ONLNE ----- - 08/22/16-09/26/16 **Online** Epp R 15 of 15

Kansas Senate Bill SB 155

Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

82434 352 ONLNE ----- - 11/07/16-12/05/16 **Online** Harn R 15 of 15

Kansas Senate Bill SB 155

Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

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/coursedescriptions/cdtp/#CDTP_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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82435 001 F2F	---R---	06:00-08:45 PM	08/25/16-09/22/16	RC 374	Nord E	15 of 15
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Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

82436 002 F2F	-T-----	08:00-10:45 AM	11/01/16-11/29/16	RC 374	Hincks B	15 of 15
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Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

82437 003 F2F	-T-----	11:00-01:45 PM	11/01/16-11/29/16	RC 376	Mora E	15 of 15
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Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

82438 004 F2F	--W----	03:00-05:45 PM	11/02/16-12/07/16	RC 376	Powers S	15 of 15
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Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

82439 005 F2F	---R---	08:00-10:45 AM	11/03/16-12/08/16	RC 374	Hincks B	15 of 15
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Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

82440 006 F2F	M-----	12:00-02:45 PM	11/07/16-12/05/16	RC 374	Mora E	15 of 15
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Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

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/coursedescriptions/cdtp/#CDTP_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82441 001 F2F	M-----	12:00-02:45 PM	08/22/16-09/26/16	RC 374	Hincks B	15 of 15
<i>Kansas Senate Bill SB 155</i>						
Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.						
82442 002 F2F	M-----	06:00-08:45 PM	08/22/16-09/26/16	RC 374	Hincks B	15 of 15
<i>Kansas Senate Bill SB 155</i>						
Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.						
82443 003 F2F	-T-----	08:00-10:45 AM	08/23/16-09/20/16	RC 374	Hincks B	15 of 15
<i>Kansas Senate Bill SB 155</i>						
Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.						
82444 004 F2F	-T-----	12:00-03:00 PM	08/23/16-09/20/16	RC 374	Hincks B	15 of 15
<i>Kansas Senate Bill SB 155</i>						
Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.						
82445 005 F2F	--W----	12:00-02:45 PM	08/24/16-09/21/16	RC 374	Hincks B	15 of 15
<i>Kansas Senate Bill SB 155</i>						
Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.						
82446 350 ONLNE	-----	-	11/03/16-12/08/16	Online	Powers S	15 of 15
<i>Kansas Senate Bill SB 155</i>						
Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.						

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/coursedescriptions/cdtp/#CDTP_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82447 001 F2F	-T-----	06:00-08:45 PM	09/27/16-10/25/16	RC 374	Patton K	15 of 15
<i>Kansas Senate Bill SB 155</i>						
Note: To enroll in Level II or III courses through the online system, you must have completed the corresponding Level I course in a previous semester. If you have enrolled in the Level I course this semester and wish to enroll in the next level(s), please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.						
82448 350 ONLNE	-----	-	10/03/16-10/31/16	Online	Epp R	15 of 15
<i>Kansas Senate Bill SB 155</i>						
Note: To enroll in Level II or III courses through the online system, you must have completed the corresponding Level I course in a previous semester. If you have enrolled in the Level I course this semester and wish to enroll in the next level(s), please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.						
82449 351 ONLNE	-----	-	10/03/16-10/31/16	Online	Powers S	15 of 15
<i>Kansas Senate Bill SB 155</i>						
Note: To enroll in Level II or III courses through the online system, you must have completed the corresponding Level I course in a previous semester. If you have enrolled in the Level I course this semester and wish to enroll in the next level(s), please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.						

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 \(http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_160\)](http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82450 001 F2F	---R---	06:00-08:45 PM	09/29/16-10/27/16	RC 374	Nord E	15 of 15

Note: To enroll in Level II or III courses through the online system, you must have completed the corresponding Level I course in a previous semester. If you have enrolled in the Level I course this semester and wish to enroll in the next level(s), please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

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 \(http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_165\)](http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82451 001 F2F	--W----	12:00-02:45 PM	09/28/16-10/26/16	RC 374	Hincks B	15 of 15

Kansas Senate Bill SB 155

Note: To enroll in Level II or III courses through the online system, you must have completed the corresponding Level I course in a previous semester. If you have enrolled in the Level I course this semester and wish to enroll in the next level(s), please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

82452 002 F2F	M-----	06:00-08:45 PM	10/03/16-10/31/16	RC 374	Hincks B	15 of 15
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Kansas Senate Bill SB 155

Note: To enroll in Level II or III courses through the online system, you must have completed the corresponding Level I course in a previous semester. If you have enrolled in the Level I course this semester and wish to enroll in the next level(s), please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

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 \(http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_168\)](http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_168)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82631 001 F2F	---R---	06:00-08:45 PM	11/03/16-12/08/16	RC 374	Nord E	15 of 15

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 \(http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_175\)](http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_175)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82453 001 F2F	-T-----	06:00-08:45 PM	11/01/16-11/29/16	RC 374	Patton K	15 of 15
<i>Kansas Senate Bill SB 155</i> Note: To enroll in Level II or III courses through the online system, you must have completed the corresponding Level I course in a previous semester. If you have enrolled in the Level I course this semester and wish to enroll in the next level(s), please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.						
82454 350 ONLINE	-----	-	11/07/16-12/05/16	Online	Harn R	15 of 15
<i>Kansas Senate Bill SB 155</i> Note: To enroll in Level II or III courses through the online system, you must have completed the corresponding Level I course in a previous semester. If you have enrolled in the Level I course this semester and wish to enroll in the next level(s), please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.						

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 \(http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_185\)](http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_185)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82455 001 F2F	--W----	12:00-02:45 PM	11/02/16-12/07/16	RC 374	Hincks B	15 of 15
<i>Kansas Senate Bill SB 155</i> Note: To enroll in Level II or III courses through the online system, you must have completed the corresponding Level I course in a previous semester. If you have enrolled in the Level I course this semester and wish to enroll in the next level(s), please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.						

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 \(http://catalog.jccc.edu/coursedescriptions/cet/#CET_105\)](http://catalog.jccc.edu/coursedescriptions/cet/#CET_105) [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82349 001 F2F	-T-R---	06:00-08:40 PM	08/23/16-10/13/16	ITC 187	Zarrelli C	17 of 17
<i>Kansas Senate Bill SB 155</i>						
82350 002 F2F	M-W----	12:00-02:40 PM	08/22/16-10/12/16	ITC 187	Dye R	17 of 17
<i>Kansas Senate Bill SB 155</i>						

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 \(http://catalog.jccc.edu/coursedescriptions/cet/#CET_125\)](http://catalog.jccc.edu/coursedescriptions/cet/#CET_125)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
82351 001 F2F	M-W----	06:00-07:50 PM	10/17/16-12/07/16	GP 102	Moore T	20 of 20
<i>Kansas Senate Bill SB 155</i>						
82352 002 F2F	M-W----	03:00-04:50 PM	10/17/16-12/07/16	ITC 187	Dye R	17 of 17
<i>Kansas Senate Bill SB 155</i>						

CET 160 - Green Building Fundamentals

This course introduces the student to sustainable design and green building practices used in the construction industry. The goal of the course is to improve the energy and environmental performance of buildings through a better understanding of standard practices used by industry professionals, as well as, to provide students preparation for the Leadership in Energy and Environmental Design (LEED) Professional Accreditation Exam. Course content will focus on sustainable practices as prescribed in the LEED Green Building Rating System. 3 hrs. lecture/wk. This course is typically offered in the fall semester.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/cet/#CET_160\)](http://catalog.jccc.edu/coursedescriptions/cet/#CET_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82353 001 F2F	--W----	06:00-08:40 PM	08/24/16-12/18/16	ITC 187	Kannenberg G	16 of 16
<i>Kansas Senate Bill SB 155</i>						

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 \(http://catalog.jccc.edu/coursedescriptions/cet/#CET_205\)](http://catalog.jccc.edu/coursedescriptions/cet/#CET_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82357 001 F2F	M-W----	12:00-02:40 PM	10/17/16-12/07/16	ITC 187	Dye R	17 of 17
<i>Kansas Senate Bill SB 155</i>						

CET 211 - Technical Statics and Design

Upon successful completion of this course, the student should be able to evaluate and design force systems in equilibrium. Topics include truss analysis, stress and strain, shear, loading conditions, steel member selection, and connection design. Computer applications are included. This course is typically offered in the fall semester. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: MATH 131 or MATH 172 or MATH 173 or MATH 241

[Outline \(http://catalog.jccc.edu/coursedescriptions/cet/#CET_211\)](http://catalog.jccc.edu/coursedescriptions/cet/#CET_211)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82354 001 F2F	-T-R---	03:30-04:45 PM	08/23/16-12/18/16	ITC 187	Johnson S	17 of 17

CET 229 - Advanced Construction Management

This course builds on the introductory construction management course. The emphasis is on using sustainability to safely and efficiently manage a commercial construction job. Topics include earthmoving and heavy equipment; concrete, masonry, and steel construction; and construction process management. By building with the environment in mind, we can produce buildings that use our limited resources efficiently and provide a healthier environment for the occupants. This course is offered in the fall semester. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: CET 129 and Math 116 or higher

[Outline \(http://catalog.jccc.edu/coursedescriptions/cet/#CET_229\)](http://catalog.jccc.edu/coursedescriptions/cet/#CET_229)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82355 001 F2F	M-W----	03:00-05:40 PM	08/22/16-10/12/16	ITC 187	Dye R	17 of 17

Kansas Senate Bill SB 155

CET 271 - Construction Management Internship I

This course consists of supervised work experience in an approved training situation. It is designed to provide practical experience in the construction industry. An average of 15 hours per week for the semester of on-the-job training is required.

Credit Hours: 3

Prerequisite: Department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/cet/#CET_271\)](http://catalog.jccc.edu/coursedescriptions/cet/#CET_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82356 500 INT	-----	-	08/22/16-12/18/16		Dye R	5 of 5

Kansas Senate Bill SB 155

Requirement: Department approval

Chemistry

CHEM 100 - Preparation for Chemistry

This course is designed for students who have never taken high school chemistry, are struggling with their current chemistry course or have anxiety about chemistry. It is intended to prepare students described above for CHEM 122 or CHEM 124; emphasis on study skills, scientific calculations, problem solving and basic chemical concepts. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_100\)](http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_100)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81131 380 HYB	-----	-	09/05/16-12/18/16	Online	Clark M	12 of 12
	---R---	02:00-03:50 PM	09/08/16-12/18/16	SCI 120		

Mandatory Classroom Meetings

Note: Late Start Course.

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/admissions/enrollment/reading-readiness.html>)

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
81132 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Clark M	24 of 24

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/admissions/enrollment/reading-readiness.html>)

[Outline \(http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_122\)](http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_122) | [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81133 001 F2F	M-W----	08:00-09:50 AM	08/22/16-12/18/16	SCI 216	Elisabeth E	24 of 24
	Lab ----F--	08:00-10:50 AM	08/26/16-12/18/16	SCI 215		
81134 002 F2F	M-WRF--	08:00-08:50 AM	08/22/16-12/18/16	SCI 218	Gratton K	24 of 24
	Lab -T-----	08:00-10:50 AM	08/23/16-12/18/16	SCI 215		
81135 003 F2F	Lab M-----	09:00-11:50 AM	08/22/16-12/18/16	SCI 215	Cannell K	24 of 24
	--W-F--	09:00-10:50 AM	08/24/16-12/18/16	SCI 218		
81144 004 F2F	Lab M-----	10:00-12:50 PM	08/22/16-12/18/16	SCI 213	Agah A	24 of 24
	--W-F--	10:00-11:50 AM	08/24/16-12/18/16	SCI 216		
81136 005 F2F	Lab M-----	12:00-02:50 PM	08/22/16-12/18/16	SCI 215	Cannell K	24 of 24
	--W-F--	12:00-01:50 PM	08/24/16-12/18/16	SCI 218		
81137 006 F2F	M-W----	12:00-01:50 PM	08/22/16-12/18/16	SCI 216	Maradiaga A	24 of 24
	Lab ----F--	12:00-02:50 PM	08/26/16-12/18/16	SCI 213		
81138 007 F2F	M-W----	02:00-03:50 PM	08/22/16-12/18/16	SCI 216	Elisabeth E	24 of 24
	Lab ----F--	02:00-04:50 PM	08/26/16-12/18/16	SCI 215		
81139 008 F2F	-T-R--	09:00-10:50 AM	08/23/16-12/18/16	SCI 216	Herron B	24 of 24
	Lab --W----	09:00-11:50 AM	08/24/16-12/18/16	SCI 215		
81141 009 F2F	-T-----	10:00-12:50 PM	08/23/16-12/18/16	SCI 218	Clark M	24 of 24
	---R---	10:00-10:50 AM	08/25/16-12/18/16	SCI 218		
	Lab ---R---	11:00-01:50 PM	08/25/16-12/18/16	SCI 215		
81140 010 F2F	-T-R--	12:00-01:50 PM	08/23/16-12/18/16	SCI 216	Herron B	24 of 24
	Lab --W----	12:00-02:50 PM	08/24/16-12/18/16	SCI 215		
81142 050 F2F	M-----	06:00-06:50 PM	08/22/16-12/18/16	SCI 216	Herron B	24 of 24
	Lab M-----	07:00-09:50 PM	08/22/16-12/18/16	SCI 215		
	--W----	06:00-08:50 PM	08/24/16-12/18/16	SCI 216		
81143 051 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	SCI 218	Shah N	24 of 24
	--W----	06:00-06:50 PM	08/24/16-12/18/16	SCI 218		
	Lab --W----	07:00-09:50 PM	08/24/16-12/18/16	SCI 215		
81145 052 F2F	-T-----	06:00-08:50 PM	08/23/16-12/18/16	SCI 216	Scholtz S	24 of 24
	---R---	06:00-06:50 PM	08/25/16-12/18/16	SCI 216		
	Lab ---R---	07:00-09:50 PM	08/25/16-12/18/16	SCI 215		
81149 380 HYB	-----	-	08/22/16-12/18/16	Online	Cannell K	24 of 24
	-T-----	11:00-11:50 AM	08/23/16-12/18/16	SCI 216		
	Lab -T-----	12:00-02:50 PM	08/23/16-12/18/16	SCI 215		

Note: On-campus lectures and labs have required attendance. The remaining hours of lecture for this section will be online. Students should contact the instructor one week prior to classes beginning.

81150	381 HYB	Lab	M-----	02:00-04:50 PM	08/22/16-12/18/16	SCI 213	Harvey M	24 of 24
			-----	-	08/22/16-12/18/16	Online		

Mandatory Classroom Meetings

Note: On-campus lectures and labs have required attendance. The remaining hours of lecture for this section will be online. Students should contact the instructor one week prior to classes beginning.

81146	382 HYB	Lab	M-----	06:00-08:50 PM	08/22/16-12/18/16	SCI 213	Elisabeth E	24 of 24
			-----	-	08/22/16-12/18/16	Online		

Mandatory Classroom Meetings

Note: On-campus labs have required attendance. Lecture for this section will be online. Students should contact the instructor one week prior to classes beginning.

81147	383 HYB		-----	-	08/22/16-12/18/16	Online	Clark M	24 of 24
		Lab	-T-----	06:00-08:50 PM	08/23/16-12/18/16	SCI 215		

Mandatory Classroom Meetings

Note: On-campus labs have required attendance. Lecture for this section will be online. Students should contact the 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

Prerequisite: RDG 126 or College Reading Readiness (<http://www.jccc.edu/admissions/enrollment/reading-readiness.html>) **Corequisite:** CHEM 125 Prerequisite or Corequisite: MATH 171 or placement test

[Outline \(http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_124\)](http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open	
81196	001 F2F	MTWRF--	08:00-08:50 AM	08/22/16-12/18/16	SCI 114	Lehman W	24 of 24
	<i>Co-requisite to enroll in KBOR Seamless Transfer</i>						
81197	002 F2F	MTWRF--	09:00-09:50 AM	08/22/16-12/18/16	SCI 114	Lehman W	24 of 24
	<i>KBOR Seamless Transfer Co-requisite to enroll in</i>						
81204	003 F2F	MTWRF--	09:00-09:50 AM	08/22/16-12/18/16	SCI 120	Slavin L	24 of 24
	<i>KBOR Seamless Transfer Co-requisite to enroll in</i>						
81198	004 F2F	MTWRF--	10:00-10:50 AM	08/22/16-12/18/16	SCI 114	Slavin L	24 of 24
	<i>KBOR Seamless Transfer Co-requisite to enroll in</i>						
81199	005 F2F	MTWRF--	11:00-11:50 AM	08/22/16-12/18/16	SCI 114	Faculty	24 of 24
	<i>KBOR Seamless Transfer Co-requisite to enroll in</i>						
81200	006 F2F	MTWRF--	12:00-12:50 PM	08/22/16-12/18/16	SCI 114	Faculty	24 of 24
	<i>Co-requisite to enroll in KBOR Seamless Transfer</i>						
81201	007 F2F	MTWRF--	01:00-01:50 PM	08/22/16-12/18/16	SCI 114	Faculty	24 of 24
	<i>KBOR Seamless Transfer Co-requisite to enroll in</i>						
81202	008 F2F	M-W-F--	11:00-12:20 PM	08/22/16-12/18/16	SCI 124	Franklin P	24 of 24
	<i>KBOR Seamless Transfer Co-requisite to enroll in</i>						
81203	009 F2F	M-W-F--	01:00-02:20 PM	08/22/16-12/18/16	SCI 124	Franklin P	24 of 24
	<i>KBOR Seamless Transfer Co-requisite to enroll in</i>						
81205	050 F2F	M-----	06:00-09:50 PM	08/22/16-12/18/16	SCI 114	Weems J	24 of 24
		--W----	06:00-06:50 PM	08/24/16-12/18/16	SCI 114		

Co-requisite to enroll in
KBOR Seamless Transfer

81206 051 F2F	-T-----	06:00-06:50 PM	08/23/16-12/18/16	SCI 114	Khvostenko D	24 of 24
	---R---	06:00-09:50 PM	08/25/16-12/18/16	SCI 114		

Co-requisite to enroll in
KBOR Seamless Transfer

81208 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Jacobsen F	24 of 24
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KBOR Seamless Transfer

Co-requisite to enroll in

Note: The lecture tests and the final exam are taken at the JCCC Testing Center or an approved test site.

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 Prerequisite: MATH 171 or an appropriate score on a placement test

Outline (http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81209 001 F2F	Lab M-----	11:00-01:50 PM	08/22/16-12/18/16	SCI 211	Lehman W	24 of 24
Co-requisite to enroll in KBOR Seamless Transfer						
81210 002 F2F	Lab M-----	02:00-04:50 PM	08/22/16-12/18/16	SCI 211	Lehman W	24 of 24
Co-requisite to enroll in KBOR Seamless Transfer						
81268 003 F2F	Lab --W----	11:00-01:50 PM	08/24/16-12/18/16	SCI 211	Slavin L	24 of 24
KBOR Seamless Transfer Co-requisite to enroll in						
81257 004 F2F	Lab -T-----	11:00-01:50 PM	08/23/16-12/18/16	SCI 211	Slavin L	24 of 24
KBOR Seamless Transfer Co-requisite to enroll in						
81258 005 F2F	Lab ---R---	08:00-10:50 AM	08/25/16-12/18/16	SCI 211	Faculty	24 of 24
KBOR Seamless Transfer Co-requisite to enroll in						
81263 006 F2F	Lab --W----	02:00-04:50 PM	08/24/16-12/18/16	SCI 211	Faculty	24 of 24
Co-requisite to enroll in KBOR Seamless Transfer						
81265 007 F2F	Lab ---R---	02:00-04:50 PM	08/25/16-12/18/16	SCI 211	Faculty	24 of 24
Co-requisite to enroll in KBOR Seamless Transfer						
81266 008 F2F	Lab -T-----	08:00-10:50 AM	08/23/16-12/18/16	SCI 211	Franklin P	24 of 24
KBOR Seamless Transfer Co-requisite to enroll in						
81267 009 F2F	Lab -T-----	02:00-04:50 PM	08/23/16-12/18/16	SCI 211	Franklin P	24 of 24
KBOR Seamless Transfer Co-requisite to enroll in						
81289 050 F2F	Lab --W----	07:00-09:50 PM	08/24/16-12/18/16	SCI 211	Weems J	24 of 24
KBOR Seamless Transfer Co-requisite to enroll in						

81290 051 F2F Lab -T----- 07:00-09:50 PM 08/23/16-12/18/16 SCI 211 Khvostenko D 24 of 24

KBOR Seamless Transfer
Co-requisite to enroll in

81291 052 F2F Lab ---R--- 06:00-08:50 PM 08/25/16-12/18/16 SCI 211 Jacobsen F 24 of 24

Co-requisite to enroll in
KBOR Seamless Transfer

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/coursedescriptions/chem/#CHEM_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81293 001 F2F	MTWR---	08:00-08:50 AM	08/22/16-12/18/16	SCI 122	Egan G	24 of 24
Co-requisite to enroll in KBOR Seamless Transfer						
81294 002 F2F	MTWR---	09:00-09:50 AM	08/22/16-12/18/16	SCI 122	Egan G	24 of 24
KBOR Seamless Transfer Co-requisite to enroll in						
81295 003 F2F	MTWR---	10:00-10:50 AM	08/22/16-12/18/16	SCI 122	Egan G	24 of 24
Co-requisite to enroll in KBOR Seamless Transfer						
81298 004 F2F	MTWR---	01:00-01:50 PM	08/22/16-12/18/16	SCI 122	Boutte J	24 of 24
KBOR Seamless Transfer Co-requisite to enroll in						
81299 050 F2F	-T-----	06:00-08:50 PM	08/23/16-12/18/16	SCI 122	Ogdon F	24 of 24
	---R---	06:00-06:50 PM	08/25/16-12/18/16	SCI 122		
KBOR Seamless Transfer Co-requisite to enroll in						

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/coursedescriptions/chem/#CHEM_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81300 001 F2F	Lab --W----	11:00-01:50 PM	08/24/16-12/18/16	SCI 213	Egan G	24 of 24
KBOR Seamless Transfer Co-requisite to enroll in						
81301 002 F2F	Lab ---R---	11:00-01:50 PM	08/25/16-12/18/16	SCI 213	Egan G	24 of 24
Co-requisite to enroll in						

81302 003 F2F	Lab -T-----	02:00-04:50 PM	08/23/16-12/18/16	SCI 213	Egan G	24 of 24
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Co-requisite to enroll in
KBOR Seamless Transfer

81306 004 F2F	Lab --W----	02:00-04:50 PM	08/24/16-12/18/16	SCI 213	Boutte J	24 of 24
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Co-requisite to enroll in
KBOR Seamless Transfer

81307 050 F2F	Lab ---R---	07:00-09:50 PM	08/25/16-12/18/16	SCI	Ogdon F	24 of 24
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KBOR Seamless Transfer
Co-requisite to enroll in

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 121 or BIOL 135 and either CHEM 122 or (CHEM 124 and CHEM 125) or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81325 380 HYB	-----	-	08/22/16-12/18/16	Online	Harvey M	24 of 24
	Lab ----F--	09:00-11:50 AM	08/26/16-12/18/16	CLB 307		

Mandatory Classroom Meetings

Note: Labs will be done at home using a lab kit purchased through the bookstore. The lecture tests and the Final Exam are taken on campus at the JCCC Testing Center or an approved test site.

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/coursedescriptions/chem/#CHEM_214)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82698 100 F2F	M-----	03:00-04:15 PM	08/22/16-12/18/16	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/coursedescriptions/chem/#CHEM_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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/coursedescriptions/chem/#CHEM_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81326 001 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	SCI 124	Watson C	24 of 24
	Lab M-W----	10:00-12:50 PM	08/22/16-12/18/16	CLB 307		
81327 002 F2F	Lab M-W----	02:00-04:50 PM	08/22/16-12/18/16	CLB 307	Weldele M Jacobsen F	24 of 24
	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	SCI 124		
81329 050 F2F	M-W----	05:30-06:45 PM	08/22/16-12/18/16	SCI 124	Weldele M Jacobsen F	24 of 24
	Lab M-W----	07:00-09:50 PM	08/22/16-12/18/16	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/coursedescriptions/chem/#CHEM_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81331 001 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	SCI 124	Watson C	24 of 24
	Lab -T-R---	11:00-01:50 PM	08/23/16-12/18/16	CLB 307		
81333 050 F2F	-T-R---	05:30-06:45 PM	08/23/16-12/18/16	SCI 124	Watson C	24 of 24
	Lab -T-R---	07:00-09:50 PM	08/23/16-12/18/16	CLB 307		

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/coursedescriptions/cis/#CIS_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82557 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	18 of 18
<i>KBOR Seamless Transfer</i>						
82558 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	18 of 18
<i>KBOR Seamless Transfer</i>						
82559 352 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	18 of 18
<i>KBOR Seamless Transfer</i>						
82560 353 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	18 of 18
<i>KBOR Seamless Transfer</i>						
82561 376 HYB	M-W----	09:00-09:50 AM	08/22/16-12/18/16	RC 344	Faculty	20 of 20
	-----	-	08/22/16-12/18/16	Online		
<i>Mandatory Classroom Meetings</i>						
<i>KBOR Seamless Transfer</i>						
82562 377 HYB	M-W----	11:00-11:50 AM	08/22/16-12/18/16	RC 344	Faculty	20 of 20
	-----	-	08/22/16-12/18/16	Online		
<i>KBOR Seamless Transfer</i>						
<i>Mandatory Classroom Meetings</i>						
82563 378 HYB	-T-R---	09:30-10:20 AM	08/23/16-12/18/16	RC 344	Faculty	20 of 20
	-----	-	08/23/16-12/18/16	Online		
<i>Mandatory Classroom Meetings</i>						
<i>KBOR Seamless Transfer</i>						
82585 379 HYB	-T-R---	11:00-11:50 AM	08/23/16-12/18/16	RC 344	Faculty	20 of 20
	-----	-	08/23/16-12/18/16	Online		
<i>Mandatory Classroom Meetings</i>						
<i>KBOR Seamless Transfer</i>						
82586 380 HYB	-T-R---	12:00-12:50 PM	08/23/16-12/18/16	RC 344	Faculty	20 of 20
	-----	-	08/23/16-12/18/16	Online		
<i>Mandatory Classroom Meetings</i>						
<i>KBOR Seamless Transfer</i>						

CIS 142 - Beginning Programming using Python

In this introductory course, students will create 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 the Python programming language. 3 hrs. lecture, 2 hrs. open lab/wk.

Credit Hours: 4

Outline (http://catalog.jccc.edu/coursedescriptions/cis/#CIS_142)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82587 376 HYB	M-W----	08:30-09:45 AM	08/22/16-12/18/16	RC 380	Faculty	22 of 22
	-----	-	08/22/16-12/18/16	Online		
<i>Kansas Senate Bill SB 155</i>						
<i>Mandatory Classroom Meetings</i>						
82588 377 HYB	M-W----	12:30-01:45 PM	08/22/16-12/18/16	RC 361	Faculty	17 of 17
	-----	-	08/22/16-12/18/16	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						
82589 378 HYB	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	RC 361	Faculty	17 of 17
	-----	-	08/23/16-12/18/16	Online		
<i>Kansas Senate Bill SB 155</i>						
<i>Mandatory Classroom Meetings</i>						

82590 379 HYB	-T-R---	04:30-05:45 PM	08/23/16-12/18/16	RC 380	Faculty	22 of 22
	-----	-	08/23/16-12/18/16	Online		
<i>Kansas Senate Bill SB 155</i>						
<i>Mandatory Classroom Meetings</i>						
82591 380 HYB	-T-----	06:00-08:50 PM	08/23/16-12/18/16	RC 380	Faculty	22 of 22
	-----	-	08/23/16-12/18/16	Online		

Mandatory Classroom Meetings
Kansas Senate Bill SB 155

CIS 201 - Introduction to Information Systems

This course introduces students to contemporary information systems and demonstrates how these systems are used throughout global organizations. Students will study key information system components and learn how these components are best leveraged by businesses. This course also provides an introduction to systems and development concepts, technology acquisition and various types of emerging or prevalent application software. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10 to \$15

Prerequisite: ACCT 121

Outline (http://catalog.jccc.edu/coursedescriptions/cis/#CIS_201)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82592 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	18 of 18
82593 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	18 of 18
82594 352 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	18 of 18
82595 353 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	18 of 18
82596 376 HYB	--W----	04:00-05:50 PM	08/24/16-12/18/16	RC 380	Faculty	22 of 22
	-----	-	08/24/16-12/18/16	Online		
<i>Mandatory Classroom Meetings</i>						
82597 377 HYB	---R---	06:00-08:50 PM	08/25/16-12/18/16	RC 344	Faculty	20 of 20
	-----	-	08/25/16-12/18/16	Online		
<i>Mandatory Classroom Meetings</i>						

CIS 204 - UNIX Scripting and Utilities

This course will cover the concepts and principles related to scripting for the multiuser, multitasking 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: CS 134 or CIS 142

Outline (http://catalog.jccc.edu/coursedescriptions/cis/#CIS_204)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82598 001 F2F	-T-----	06:00-08:50 PM	08/23/16-12/18/16	RC 361	Faculty	17 of 17
<i>Kansas Senate Bill SB 155</i>						
82599 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	18 of 18
<i>Kansas Senate Bill SB 155</i>						
82600 376 HYB	M-----	12:00-01:50 PM	08/22/16-12/18/16	RC 380	Faculty	22 of 22
	-----	-	08/22/16-12/18/16	Online		
<i>Kansas Senate Bill SB 155</i>						
<i>Mandatory Classroom Meetings</i>						
82601 377 HYB	---R---	02:00-03:50 PM	08/25/16-12/18/16	RC 361	Faculty	17 of 17

Mandatory Classroom Meetings
Kansas Senate Bill SB 155

CIS 240 - Advanced Topics in Java

At the completion of this course, the student should be able to create Java applications for implementation on the Internet and the personal computer. The student will complete projects using Java's built-in features. The course will include generics, input and output streams, serialization, exception handling, multithreading, client-server applications and graphical user interfaces. 3 hrs. lecture, 2 hrs. open lab/wk.

Credit Hours: 4

Prerequisite: CS 205

[Outline \(http://catalog.jccc.edu/coursedescriptions/cis/#CIS_240\)](http://catalog.jccc.edu/coursedescriptions/cis/#CIS_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82602 376 HYB	M-W----	07:30-08:45 PM	08/22/16-12/18/16	RC 361	Faculty	17 of 17
	-----	-	08/22/16-12/18/16	Online		

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 \(http://catalog.jccc.edu/coursedescriptions/cis/#CIS_242\)](http://catalog.jccc.edu/coursedescriptions/cis/#CIS_242)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82603 001 F2F	M-W----	06:00-07:15 PM	08/22/16-12/18/16	RC 347	Faculty	18 of 18

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 \(http://catalog.jccc.edu/coursedescriptions/cis/#CIS_260\)](http://catalog.jccc.edu/coursedescriptions/cis/#CIS_260)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82604 376 HYB	M-W----	04:00-05:15 PM	08/22/16-12/18/16	RC 347	Faculty	18 of 18
	-----	-	08/22/16-12/18/16	Online		

Mandatory Classroom Meetings
Kansas Senate Bill SB 155

82605 377 HYB	M-W----	06:00-07:15 PM	08/22/16-12/18/16	RC 361	Faculty	17 of 17
	-----	-	08/22/16-12/18/16	Online		

Mandatory Classroom Meetings
Kansas Senate Bill SB 155

82606 378 HYB	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	RC 347	Faculty	18 of 18
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Mandatory Classroom Meetings
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 \(http://catalog.jccc.edu/coursedescriptions/cis/#CIS_264\)](http://catalog.jccc.edu/coursedescriptions/cis/#CIS_264)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82607 001 F2F	M-W----	07:30-08:45 PM	08/22/16-12/18/16	RC 347	Faculty	18 of 18

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 \(http://catalog.jccc.edu/coursedescriptions/cis/#CIS_270\)](http://catalog.jccc.edu/coursedescriptions/cis/#CIS_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82608 500 INT	-----	-	08/22/16-12/18/16		Faculty	10 of 10

Kansas Senate Bill SB 155

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 \(http://catalog.jccc.edu/coursedescriptions/cis/#CIS_275\)](http://catalog.jccc.edu/coursedescriptions/cis/#CIS_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82609 376 HYB	M-W----	12:30-01:45 PM	08/22/16-12/18/16	RC 344	Faculty	20 of 20
	-----	-	08/22/16-12/18/16	Online		

Mandatory Classroom Meetings
Kansas Senate Bill SB 155

82610 377 HYB	--W----	06:00-08:50 PM	08/24/16-12/18/16	RC 380	Faculty	22 of 22
	-----	-	08/24/16-12/18/16	Online		

Kansas Senate Bill SB 155
Mandatory Classroom Meetings

Cosmetology - Esthetics

CO 100 - Esthetics

This course provides class instruction in skin care. Topics include sanitation, skin sciences, skin treatments, business practices and state law. This class meets 252 lecture hours of the 1,000 contact hours required by the Kansas State Board of Cosmetology.





Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 3777 for approval.

Credit Hours: 16

Associated Costs: \$25-\$50

Requirements: ENGL 121 (with a grade of "C" or higher) or RDG 126 (with a grade of "C" or higher) or an appropriate reading placement test score and department approval Corequisite: CO 101

[Outline \(http://catalog.jccc.edu/coursedescriptions/co/#CO_100\)](http://catalog.jccc.edu/coursedescriptions/co/#CO_100)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80997 200 F2F	MTWRF--	08:00-05:00 PM	08/15/16-09/23/16	 WPK 180	Vasquez J	14 of 14
	MT-----	08:00-05:00 PM	09/26/16-10/09/16	 WPK 180		
<i>Kansas Senate Bill SB 155</i> Requirement: Department approval						
81004 214 F2F	-----S-	09:00-05:50 PM	08/22/16-11/12/16	 WPK 180	Vasquez J	14 of 14
	MTW----	05:50-09:50 PM	08/22/16-12/18/16	 WPK 180		
<i>Kansas Senate Bill SB 155</i> Requirement: Department approval						




CO 101 - Esthetics Clinical

This course provides skill instruction and practical application of skin care in a clinical setting. Topics include sanitation, skin sciences, skin treatments, business practices and state law. This class meets 32 clinical hours.

Credit Hours: 1

Corequisite: CO 100

[Outline \(http://catalog.jccc.edu/coursedescriptions/co/#CO_101\)](http://catalog.jccc.edu/coursedescriptions/co/#CO_101)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81002 201 F2F	--W-F--	08:00-05:00 PM	09/28/16-10/09/16	 WPK 131	Vasquez J	14 of 14
	---R---	11:00-08:00 PM	09/29/16-10/09/16	 WPK 131		
<i>Kansas Senate Bill SB 155</i> Requirement: Department approval						
81005 215 F2F	-----S-	09:00-05:50 PM	11/19/16-12/18/16	 WPK 131	Vasquez J	14 of 14
<i>Kansas Senate Bill SB 155</i> Requirement: Department approval						

CO 102 - Intermediate Esthetics


This course provides class instruction in skin care. Topics include sanitation, skin sciences, waxing, skin treatments, makeup, business practices and state law. This class meets 136 lecture hours.

Credit Hours: 9

Associated Costs: \$25-\$50

Prerequisites: CO 100 with a grade of "C" or higher and CO 101 with a grade of "C" or higher Corequisite: CO 103

[Outline \(http://catalog.jccc.edu/coursedescriptions/co/#CO_102\)](http://catalog.jccc.edu/coursedescriptions/co/#CO_102)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80999 202 F2F	MT-----	08:00-05:00 PM	10/10/16-12/18/16	 WPK 180	Vasquez J	14 of 14
<i>Kansas Senate Bill SB 155</i> Requirement: Department approval						


CO 103 - Intermediate Esthetics Clinical

This course provides skill instruction and practical application of skin care in a clinical setting. Topics include sanitation, skin sciences, waxing, skin treatments, makeup, business practices and state law. This class meets 207 of the 1,000 contact hours required by the Kansas State Board of Cosmetology.

Credit Hours: 5

Prerequisites: CO 100 with a grade of "C" or higher and CO 101 with a grade of "C" or higher Corequisite: CO 102

[Outline \(http://catalog.jccc.edu/coursedescriptions/co/#CO_103\)](http://catalog.jccc.edu/coursedescriptions/co/#CO_103)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81000 203 F2F	--W-F--	08:00-05:00 PM	10/12/16-12/18/16	 WPK 131	Vasquez J	14 of 14
	---R---	11:00-08:00 PM	10/13/16-12/18/16	 WPK 131		

Kansas Senate Bill SB 155

Requirement: Department approval

CO 109 - 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 Manicurist examination. This class meets for 130 Lecture hours, 60 Lab hours and 160 Clinic hours to meet the 350 contact hours required by the Kansas Board of Cosmetology. For enrollment information, call 913-469-8500, ext. 2390.

Credit Hours: 16

Associated Costs: \$50 to \$100

Requirements: ENGL 121 (with a grade of "C" or higher) or RDG 126 (with a grade of "C" or higher) or an appropriate reading placement test score and department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/co/#CO_109\)](http://catalog.jccc.edu/coursedescriptions/co/#CO_109)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80993 209 F2F	-----S-	09:00-01:00 PM	08/01/16-09/24/16	 WPK 108	Rodriguez C	6 of 6
	MTWR---	05:50-09:50 PM	08/01/16-09/24/16	 WPK 108		
	-----S-	09:00-01:00 PM	09/26/16-12/18/16	 WPK 101		
	-TWR---	05:50-09:50 PM	09/26/16-12/18/16	 WPK 101		
	M-----	05:50-09:50 PM	09/26/16-12/18/16	 WPK 108		

Kansas Senate Bill SB 155

Requirement: Department approval

CO 110 - Cosmetology I

This course is an introduction to the cosmetology industry. Coursework includes the history of cosmetology, professional image, effective communication skills, salon ecology including microbiology and infection control, trichology, hair design composition, physical and chemical phases of chemical texturizing services, and the law of color. The course also includes basic instruction and practice in shampooing, sculpting, special occasion styling, chemical texturizing and hair coloring. Total contact hours: 400.

Credit Hours: 12

Associated Costs: \$50-\$100

Requirements: ENGL 121 (with a grade of "C" or higher) or RDG 126 (with a grade of "C" or higher) or an appropriate reading placement test score and department approval Corequisite: CO 111

[Outline \(http://catalog.jccc.edu/coursedescriptions/co/#CO_110\)](http://catalog.jccc.edu/coursedescriptions/co/#CO_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80981 210 F2F	MTWRF--	08:00-05:00 PM	08/15/16-10/28/16	 WPK 133	Hinojosa M	18 of 18

Kansas Senate Bill SB 155

Requirement: Department approval

CO 111 - Cosmetology II


This course is an introduction to basic skin care and nail technology theory. Coursework focuses on salon ecology including microbiology and infection control, nail structure, nail diseases and disorders, the function and composition of skin, skin diseases and disorders, hair removal service essentials, and personal and public hygiene. The course also includes basic instruction and practice in manicuring and pedicure procedures, nail enhancement procedures, skin care and facials, hair removal, and facial makeup and artistry. Total contact hours: 240.

Credit Hours: 7

Associated Costs: \$50-\$100

Requirements: ENGL 121 (with a grade of "C" or higher) or RDG 126 (with a grade of "C" or higher) or an appropriate reading placement test score and department approval
Corequisite: CO 110

[Outline \(http://catalog.jccc.edu/coursedescriptions/co/#CO_111\)](http://catalog.jccc.edu/coursedescriptions/co/#CO_111)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80983 211 F2F	MTWRF--	08:00-05:00 PM	10/31/16-12/16/16	 WPK 133	Hinojosa M	18 of 18

Kansas Senate Bill SB 155

Requirement: Department approval


CO 112 - Cosmetology III

This course provides continuing skill instruction, in the classroom and salon, in shampooing, chemical processes, hair sculpture, special occasion styling and hair design. Coursework includes applied anatomy and physiology, chemistry, electricity, the study of wigs and hair additions, the study of interpersonal relationships, professional communication, career planning, self-management and guest relations. This course includes performing services for clients and models, and maintaining client records in the salon setting. Total contact hours: 340. For enrollment and tuition information, call 913-469-8500, ext.2390.

Credit Hours: 10

Prerequisites: CO 110 and CO 111 (both with a grade of "C" or higher) **Corequisite:** CO 113

[Outline \(http://catalog.jccc.edu/coursedescriptions/co/#CO_112\)](http://catalog.jccc.edu/coursedescriptions/co/#CO_112)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80988 212 F2F	-TW-F--	08:00-05:00 PM	08/15/16-10/23/16	 WPK 101	Hinojosa M	18 of 18
	M-----	08:00-05:00 PM	08/15/16-10/23/16	 WPK 177		
	---R---	11:00-08:00 PM	08/15/16-10/23/16	 WPK 101		

Kansas Senate Bill SB 155

Requirement: Department approval


CO 113 - Cosmetology IV

This course provides continuing skill instruction, in the classroom and salon, in manicuring and pedicure procedures, nail enhancement procedures, facials, hair removal, and facial makeup and artistry. Coursework includes the study of interpersonal relationships, professional communication, guest relations and the Kansas Board of Cosmetology Laws and Regulations. This course includes performing services for clients and models, and maintaining client records in the salon setting. This course also includes completion of "Mini-Board" mock state board practical and written exams, on all the previously taught courses to prepare students for licensing. Total contact hours: 300. For enrollment and tuition information, call 913-469-8500, ext.2390.

Credit Hours: 9

Prerequisites: CO 110 and CO 111 (both with a grade of "C" or higher) **Corequisite:** CO 112

[Outline \(http://catalog.jccc.edu/coursedescriptions/co/#CO_113\)](http://catalog.jccc.edu/coursedescriptions/co/#CO_113)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80991 213 F2F	-TW-F--	08:00-05:00 PM	10/24/16-12/22/16	 WPK 101	Hinojosa M	18 of 18
	M-----	08:00-05:00 PM	10/24/16-12/22/16	 WPK 177		
	---R---	11:00-08:00 PM	10/24/16-12/22/16	 WPK 101		

Kansas Senate Bill SB 155

Requirement: Department approval


CO 212 - Cosmetology Instructor Training

This 300 contact hour course is designed to meet the educational requirements for licensure by Kansas Board of Cosmetology for instructors in the cosmetology sciences. Students will attend 56 hours of lecture and participate in 244 hours of observation, clinic supervision and classroom teaching. Topics covered include instructor characteristics, student motivation, methods and evaluation. For enrollment information call 913-469-8500 ext. 2390. Enrollment in this course requires Kansas state licensure in Cosmetology, Esthetics or Nail Technology and a minimum of one year verified practice in trained area.

Credit Hours: 9

Prerequisites: Current Kansas Cosmetology, Esthetics or Nail Technology License and a minimum of one year of verified practice in trained area and department approval

Outline (http://catalog.jccc.edu/coursedescriptions/co/#CO_212)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82643 212 F2F	M-----	08:00-12:00 PM	08/15/16-11/27/16	 WPK 133	Hinojosa M	6 of 6

Requirement: Department approval

Computer Science

CS 134 - Programming Fundamentals

In this introductory course, students will create interactive computer applications that perform tasks and solve problems. Students will design, develop and test object-oriented programs that utilize fundamental logic, problem-solving techniques and key programming concepts. 3 hrs. lecture, 2 hrs. lab /wk.

Credit Hours: 4

Outline (http://catalog.jccc.edu/coursedescriptions/cs/#CS_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82611 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	18 of 18
<i>Kansas Senate Bill SB 155</i>						
82612 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	18 of 18
<i>Kansas Senate Bill SB 155</i>						
82613 352 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	18 of 18
<i>Kansas Senate Bill SB 155</i>						
82614 353 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	18 of 18
<i>Kansas Senate Bill SB 155</i>						
82615 376 HYB	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	RC 380	Faculty	22 of 22
	-----	-	08/22/16-12/18/16	Online		
<i>Kansas Senate Bill SB 155</i>						
<i>Mandatory Classroom Meetings</i>						
82616 377 HYB	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	RC 380	Faculty	22 of 22
	-----	-	08/22/16-12/18/16	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						
82617 378 HYB	M-W----	12:30-01:45 PM	08/22/16-12/18/16	RC 347	Faculty	18 of 18
	-----	-	08/22/16-12/18/16	Online		
<i>Kansas Senate Bill SB 155</i>						
<i>Mandatory Classroom Meetings</i>						
82618 379 HYB	M-----	06:00-08:50 PM	08/22/16-12/18/16	RC 380	Faculty	22 of 22
	-----	-	08/22/16-12/18/16	Online		
<i>Kansas Senate Bill SB 155</i>						
<i>Mandatory Classroom Meetings</i>						
82619 380 HYB	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	RC 380	Faculty	22 of 22
	-----	-	08/23/16-12/18/16	Online		
<i>Kansas Senate Bill SB 155</i>						

Mandatory Classroom Meetings

82620 381 HYB	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	RC 380	Faculty	22 of 22
	-----	-	08/23/16-12/18/16	Online		

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

82621 382 HYB	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	RC 380	Faculty	22 of 22
	-----	-	08/23/16-12/18/16	Online		

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

82622 383 HYB	---R---	06:00-08:50 PM	08/25/16-12/18/16	RC 380	Faculty	22 of 22
	-----	-	08/25/16-12/18/16	Online		

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

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

Prerequisite: CS 134 (with a grade of "B" or higher) or CIS 142 (with a grade of "B" or higher) or CS 201 or CS 205 or MATH 241 or an appropriate score on department waiver test or department approval for prior work-related experience.

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
82623 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	18 of 18
<i>Kansas Senate Bill SB 155</i>						
82624 376 HYB	M-W----	09:00-10:15 AM	08/22/16-12/18/16	RC 347	Faculty	18 of 18
	-----	-	08/22/16-12/18/16	Online		
<i>Kansas Senate Bill SB 155</i>						
<i>Mandatory Classroom Meetings</i>						
82625 377 HYB	M-W----	11:00-12:15 PM	08/22/16-12/18/16	RC 347	Faculty	18 of 18
	-----	-	08/22/16-12/18/16	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						
82626 378 HYB	-T-----	03:30-05:20 PM	08/23/16-12/18/16	RC 347	Faculty	18 of 18
	-----	-	08/23/16-12/18/16	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						
82627 379 HYB	---R---	06:00-08:45 PM	08/25/16-12/18/16	RC 347	Faculty	18 of 18
	-----	-	08/25/16-12/18/16	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						

CS 201 - 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

Prerequisite: CS 134 (with a grade of "B" or higher) or CIS 142 (with a grade of "B" or higher) or CS 200 or CS 205 or MATH 241 or an appropriate score on department waiver test or department approval for prior work-related experience.

[Outline \(http://catalog.jccc.edu/coursedescriptions/cs/#CS_201\)](http://catalog.jccc.edu/coursedescriptions/cs/#CS_201)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82628 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	18 of 18
<i>Kansas Senate Bill SB 155</i>						
82629 376 HYB	M-W----	11:00-12:15 PM	08/22/16-12/18/16	RC	Faculty	17 of 17
	-----	-	08/22/16-12/18/16	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						

CS 205 - Concepts of Programming Algorithms using Java

This course emphasizes problem-solving using a high level programming language and the object-oriented software development process. Algorithm design and development, classes and inheritance, programming style, documentation, testing and debugging will be presented. Standard algorithms and data structures will be introduced. Data abstraction and object-oriented programming will be studied and used to implement algorithms. 3 hrs. lecture, 2 hrs. lab by arrangement/wk.

Credit Hours: 4

Prerequisite: CS 134 (with a grade of "B" or higher) or CIS 142 with a grade of "B" or higher) or CS 200 or CS 201 or MATH 241 or an appropriate score on department waiver test or department approval for prior work-related experience.

[Outline \(http://catalog.jccc.edu/coursedescriptions/cs/#CS_205\)](http://catalog.jccc.edu/coursedescriptions/cs/#CS_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82630 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	18 of 18
<i>Kansas Senate Bill SB 155</i>						
82632 376 HYB	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	RC 361	Faculty	17 of 17
	-----	-	08/23/16-12/18/16	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						
82634 377 HYB	-T-----	05:30-07:20 PM	08/23/16-12/18/16	RC 347	Faculty	18 of 18
	-----	-	08/23/16-12/18/16	Online		
<i>Kansas Senate Bill SB 155</i>						
<i>Mandatory Classroom Meetings</i>						

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 CS 134 or appropriate math assessment scores

[Outline \(http://catalog.jccc.edu/coursedescriptions/cs/#CS_210\)](http://catalog.jccc.edu/coursedescriptions/cs/#CS_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82635 001 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	RC	Faculty	18 of 18
	-----	-	08/22/16-12/18/16	Online		
<i>Kansas Senate Bill SB 155</i>						
82636 002 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	CC 229	Van Horn J	20 of 20
<i>Kansas Senate Bill SB 155</i>						
82637 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	18 of 18
<i>Kansas Senate Bill SB 155</i>						

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 \(http://catalog.jccc.edu/coursedescriptions/cs/#CS_211\)](http://catalog.jccc.edu/coursedescriptions/cs/#CS_211)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82638 001 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	RC 347	Faculty	18 of 18

Kansas Senate Bill SB 155

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 \(http://catalog.jccc.edu/coursedescriptions/cs/#CS_235\)](http://catalog.jccc.edu/coursedescriptions/cs/#CS_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82639 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Faculty	18 of 18

Kansas Senate Bill SB 155

82640 376 HYB	M-----	06:00-08:45 PM	08/22/16-12/18/16	RC 344	Faculty	20 of 20
	-----	-	08/22/16-12/18/16	Online		

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

82641 377 HYB	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	RC 347	Faculty	18 of 18
	-----	-	08/23/16-12/18/16	Online		

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

CS 236 - Object-Oriented Programming Using C#

This course prepares students to develop object-oriented, C# applications that solve a variety of problems. Students will apply object-oriented concepts including inheritance, function overloading, and polymorphism and will utilize available classes as well as design their own. Event-driven programming, Windows applications, web development, common data structures, database access, and frameworks will be presented. 3 hrs. lecture, 2 hrs. instructional lab/wk.

Credit Hours: 4

Prerequisite: CS 201

[Outline \(http://catalog.jccc.edu/coursedescriptions/cs/#CS_236\)](http://catalog.jccc.edu/coursedescriptions/cs/#CS_236)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82642 376 HYB	---R---	06:00-08:50 PM	08/25/16-12/18/16	RC 361	Faculty	17 of 17

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

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 (CS 200 and CS 210 or or CS 236 or CS 255 or CIS 240 or MATH 242)

Outline (http://catalog.jccc.edu/coursedescriptions/cs/#CS_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82646 001 F2F	M-W----	04:30-05:45 PM	08/22/16-12/18/16	RC 361	Faculty	17 of 17
<i>Kansas Senate Bill SB 155</i>						
82644 376 HYB	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	RC 347	Faculty	18 of 18
	-----	-	08/23/16-12/18/16	Online		
<i>Kansas Senate Bill SB 155</i>						
<i>Mandatory Classroom Meetings</i>						
82645 377 HYB	--W----	05:30-07:20 PM	08/24/16-12/18/16	RC 344	Faculty	20 of 20
	-----	-	08/24/16-12/18/16	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						

Dental Hygiene

DHYG 121 - Clinical Dental Hygiene I: Pre-Clinic

This course will include information and techniques relating to the history, development, current status and future of the profession of dental hygiene. Students will be introduced to fundamental dental hygiene services, instrumentation, client assessment, preventive treatment, transmissible diseases, principles of infection control and prevention. 2 hrs. lecture, 14 hrs. lab/wk.

Credit Hours: 5

Associated Costs: \$3300-\$3800

Prerequisites: Admission to the Dental Hygiene Program and BIOL 140 and BIOL 230 and BIOL 231 and CHEM 122 and ENGL 121 and PSYC 130 Corequisites: DHYG 125 and DHYG 135 and DHYG 138 Prerequisite or corequisite: SOC 122 (All BIOL, CHEM, and DHYG courses must be completed with a grade of "C" or higher.)

Outline (http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82178 001 F2F	-T-----	08:00-09:55 AM	08/23/16-08/23/16		Geisbauer K	30 of 30
	-T-R---	08:00-09:55 AM	08/23/16-12/18/16	SCI 222		
	-T-R---	10:00-05:00 PM	08/23/16-12/18/16	SCI 201		
	---R---	08:00-09:55 AM	08/25/16-08/25/16			
	---R---	08:00-09:55 AM	09/15/16-09/15/16			
	-T-----	08:00-09:55 AM	12/13/16-12/13/16			

Kansas Senate Bill SB 155

DHYG 125 - Developmental Dentistry

This course will include a study of embryology, oral histology, developmental disturbances of the oral cavity and related structures, dental morphology and occlusion. 2 hrs. lecture/wk.

Credit Hours: 2

Associated Costs: \$40

Prerequisites: Admission to the Dental Hygiene Program and BIOL 140 and BIOL 230 and BIOL 231 and CHEM 122 and ENGL 121 and PSYC 130 Corequisites: DHYG 121 and DHYG 135 and DHYG 138 Prerequisite or corequisite: SOC 122 (All BIOL, CHEM, and DHYG courses must be completed with a grade of "C" or higher.)

Outline (http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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DHYG 135 - Dental Materials

This course is designed to provide students with a knowledge base of the science and physical properties of dental materials. Through laboratory exercises, students will have hands-on experience with dental materials used in dental hygiene and dentistry while applying their knowledge of dental material sciences. 1 hr. lecture, 2 hrs. lab/wk.

Credit Hours: 2

Prerequisites: Admission to the Dental Hygiene Program and BIOL 140 and BIOL 230 and BIOL 231 and CHEM 122 and ENGL 121 and PSYC 130 Corequisites: DHYG 121 and DHYG 125 and DHYG 138 Prerequisite or corequisite: SOC 122 (All BIOL, CHEM, and DHYG courses must be completed with a grade of "C" or higher.)

Outline (http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82185 001 F2F	M-----	10:00-10:50 AM	08/22/16-12/18/16	SCI 112	Curry-Chiu M	30 of 30
	--W----	12:00-01:55 PM	08/24/16-12/18/16	SCI 117		
<i>Kansas Senate Bill SB 155</i>						
82194 002 F2F	M-----	10:00-10:50 AM	08/22/16-12/18/16	SCI 112	Curry-Chiu M	30 of 30
	--W----	02:00-03:55 PM	08/24/16-12/18/16	SCI 117		

Kansas Senate Bill SB 155

DHYG 138 - Head and Neck Anatomy

This course is designed to provide dental hygiene students with the basic anatomical foundations to support clinical course work. Topics to be covered include the skull, muscles, and vascular, glandular, lymphatic and nervous systems of the head and neck. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisites: Admission to the Dental Hygiene Program and BIOL 140 and BIOL 230 and BIOL 231 and CHEM 122 and ENGL 121 and PSYC 130 Corequisites: DHYG 121 and DHYG 125 and DHYG 135 Prerequisite or corequisite: SOC 122 (All BIOL, CHEM, and DHYG courses must be completed with a "C" or higher.)

Outline (http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_138)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82190 001 F2F	M-W----	08:00-08:55 AM	08/22/16-12/18/16	CLB 309	Davis K	30 of 30
<i>Kansas Senate Bill SB 155</i>						
82197 002 F2F	M-W----	09:00-09:55 AM	08/22/16-12/18/16	CLB 309	Curry-Chiu M	30 of 30

Kansas Senate Bill SB 155

DHYG 221 - Clinical Dental Hygiene III

Students will continue development in the areas of patient management, preventive dental hygiene treatment and proficiency in clinical techniques through practical application. Current advances in dental hygiene services will also be introduced. 2 hrs. lecture, 16 hrs. clinic/wk.

Credit Hours: 6

Associated Costs: \$250 to 275

Prerequisites: DHYG 140 and BIOL 235 Corequisites: DHYG 225 and DHYG 230 and DHYG 240

Outline (http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82204 001 F2F	M-W----	08:00-04:50 PM	08/22/16-12/18/16	SCI 201	Callihan T	28 of 28
	----F--	08:00-09:50 AM	08/26/16-12/18/16	SCI 112		

Kansas Senate Bill SB 155

DHYG 225 - General and Oral Pathology

This course prepares the student dental hygienist to determine when to consult, treat or refer clients with various disease, infection or physiological conditions. Students learn to recognize the signs, causes and implications of common pathological conditions including inflammatory responses, immune disorders, genetic disorders, developmental disorders of tissues and cysts, oral tissue trauma and neoplasm of the oral cavity. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: DHYG 140 and DHYG 142 and DHYG 146 and DHYG 148 and BIOL 225 and BIOL 235 Corequisites: DHYG 221 and DHYG 230 and DHYG 240 (All BIOL, CHEM, and DHYG courses must be completed with a grade of "C" or higher.)

Outline (http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82370 001 F2F	-T-R---	10:00-11:20 AM	08/23/16-12/18/16	SCI 112	Curry-Chiu M	Closed

Kansas Senate Bill SB 155

DHYG 230 - Dental Therapeutics

This course will introduce the basic principles of drug actions, emphasizing dental-related therapeutics and drugs associated with common systemic disorders, information on the selection of professional products, and principles necessary in administering local anesthesia. 2 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 3

Prerequisites: DHYG 140 and BIOL 235 Corequisites: DHYG 221 and DHYG 225 and DHYG 240

Outline (http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82218 001 F2F	-T-RF--	10:00-11:55 AM	08/16/16-08/19/16	SCI 112	Stabbe K	28 of 28
	---R---	01:00-02:55 PM	08/18/16-08/19/16	SCI 112		
	-T-R---	08:00-09:55 AM	08/23/16-11/27/16	SCI 112		

Kansas Senate Bill SB 155

DHYG 240 - Dental Public Health

This course facilitates the student's development as a responsible leader in public health programs. Topics include public health structure and global public health access, statistical procedures for critiquing scientific literature and epidemiology. Course content includes emphasis on the role of the dental hygienist in community health promotion, assessment, planning, implementation and evaluation using evidenced-based research. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisites: DHYG 140 and DHYG 142 and DHYG 146 and DHYG 148 and BIOL 225 and BIOL 235 Corequisites: DHYG 221 and DHYG 225 and DHYG 230 (All BIOL, CHEM, and DHYG courses must be completed with a grade of "C" or higher.)

Outline (http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82240 001 F2F	----F--	10:00-11:55 AM	08/26/16-12/18/16	GEB 217	Flick H	28 of 28

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/coursedescriptions/diet/#DIET_100)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82359 377 HYB	-----	-	08/22/16-12/18/16	Online	Faculty	24 of 24
	---R---	12:00-01:50 PM	08/25/16-12/18/16	HCA 117		

Kansas Senate Bill SB 155

DIET 151 - Nutrition and Meal Planning

This course covers the food groups and their function and nutritional values as applied to meal planning. Assessment of personal dietary intake will also be explored. In addition to the current trends in nutrition this course covers energy balance, sustainability and nutrition in the life span. This is a required course for the food and beverage management, chef apprenticeship and dietary manager programs. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/diet#DIET_151\)](http://catalog.jccc.edu/coursedescriptions/diet#DIET_151)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80475 004 F2F	---R---	06:00-08:50 PM	08/25/16-12/18/16	HCA 117	Riley M	24 of 24
<i>KBOR Seamless Transfer</i>						
80476 005 F2F	---R---	12:00-02:50 PM	08/25/16-12/18/16	HCA 115	Collier R	24 of 24
<i>KBOR Seamless Transfer</i>						
80477 006 F2F	---R---	09:00-11:50 AM	08/25/16-12/18/16	HCA 115	Collier R	24 of 24
<i>KBOR Seamless Transfer</i>						
80478 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Tripe J	24 of 24
<i>KBOR Seamless Transfer</i>						
80479 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Tripe J	24 of 24
<i>KBOR Seamless Transfer</i>						
80480 352 ONLNE	-----	-	08/22/16-12/18/16	Online	Collier R	24 of 24
<i>KBOR Seamless Transfer</i>						
80474 376 HYB	-----	-	08/22/16-12/18/16	Online	Tripe J	24 of 24
	--W----	12:00-01:50 PM	08/24/16-12/18/16	HCA 115		
<i>KBOR Seamless Transfer</i>						

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: DIET 151

[Outline \(http://catalog.jccc.edu/coursedescriptions/diet#DIET_200\)](http://catalog.jccc.edu/coursedescriptions/diet#DIET_200)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80516 001 F2F	---R---	06:00-08:50 PM	08/25/16-12/18/16	HCA 115	Faculty	24 of 24

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: DIET 200

[Outline \(http://catalog.jccc.edu/coursedescriptions/diet#DIET_251\)](http://catalog.jccc.edu/coursedescriptions/diet#DIET_251)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80517 001 F2F	---R---	03:00-04:50 PM	08/25/16-12/18/16	HCA 115	Faculty	24 of 24

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/coursedescriptions/diet/#DIET_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80518 500 INT	-----	-	08/22/16-12/18/16		Faculty	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/coursedescriptions/draf/#DRAF_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80953 001 F2F	M-W----	12:00-12:55 PM	08/22/16-10/12/16	ITC 181	Feuerborn D	20 of 20
	Lab M-W----	01:00-02:55 PM	08/22/16-10/12/16	ITC 181		

Kansas Senate Bill SB 155

Note: Students who have taken high school drafting or have pre-requisite questions and are new to the Drafting program should contact Tom Hughes thughes@jccc.edu or 913-469-8500 ext 3901 prior to enrolling in DRAF 120; you may be able to receive credit for this class

CRN	Days	Time	Date	Location	Instructor	Seats Open
80955 002 F2F	M-W----	06:00-06:55 PM	08/22/16-10/12/16	ITC 181	Faculty	20 of 20
	Lab M-W----	07:00-08:55 PM	08/22/16-10/12/16	ITC 181		

Kansas Senate Bill SB 155

Note: Students who have taken high school drafting or have pre-requisite questions and are new to the Drafting program should contact Tom Hughes thughes@jccc.edu or 913-469-8500 ext. 3901 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/coursedescriptions/draf/#DRAF_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80956 376 HYB	M-W----	12:00-12:55 PM	10/17/16-12/07/16	ITC 181	Feuerborn D	16 of 16
	-----	-	10/17/16-12/07/16	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 \(http://catalog.jccc.edu/coursedescriptions/draf#DRAF_129\)](http://catalog.jccc.edu/coursedescriptions/draf#DRAF_129)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80957 001 F2F	----F--	09:00-10:50 AM	08/26/16-12/18/16	ITC 181	Cline L	20 of 20

Kansas Senate Bill SB 155

Note: Students who have taken high school drafting or have pre-requisite questions and are new to the Drafting program should contact Tom Hughes thughes@jccc.edu or 913-469-8500 ext 3901 prior to enrolling in DRAF 129

80958 376 HYB	-T-----	06:00-08:00 PM	08/23/16-10/11/16	ITC 181	Feuerborn D	20 of 20
	-----	-	08/23/16-10/11/16	Online		

Kansas Senate Bill SB 155

Note: Students who have taken high school drafting or have pre-requisite questions and are new to the Drafting program should contact Tom Hughes thughes@jccc.edu or 913-469-8500 ext 3901 prior to enrolling in DRAF 129

80959 377 HYB	-T-----	03:30-05:20 PM	10/18/16-12/06/16	ITC 181	Feuerborn D	20 of 20
	-----	-	10/18/16-12/06/16	Online		

Kansas Senate Bill SB 155

Note: Students who have taken high school drafting or have pre-requisite questions and are new to the Drafting program should contact Tom Hughes thughes@jccc.edu or 913-469-8500 ext 3901 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 \(http://catalog.jccc.edu/coursedescriptions/draf#DRAF_130\)](http://catalog.jccc.edu/coursedescriptions/draf#DRAF_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80960 001 F2F	M-W----	06:00-07:50 PM	08/22/16-10/12/16	ITC 122	Faculty	20 of 20
	Lab -----	-	08/22/16-10/12/16	ITC 124		

Kansas Senate Bill SB 155

Note: Students who have taken high school drafting or have pre-requisite questions and are new to the Drafting program should contact Tom Hughes thughes@jccc.edu or 913-469-8500 ext 3901 prior to enrolling in DRAF 130; you may be able to receive credit for this class. All sections of DRAF 130 will be using AutoCAD 2016

80961 002 F2F	M-W----	01:00-02:50 PM	10/17/16-12/07/16	ITC 122	Hughes T	20 of 20
	Lab -----	-	10/17/16-12/07/16	ITC 124		

Kansas Senate Bill SB 155

Note: Students who have taken high school drafting or have pre-requisite questions and are new to the Drafting program should contact Tom Hughes thughes@jccc.edu or 913-469-8500 ext 3901 prior to enrolling in DRAF 130; you may be able to receive credit for this class. All sections of DRAF 130 will be using AutoCAD 2016

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 \(http://catalog.jccc.edu/coursedescriptions/draf#DRAF_132\)](http://catalog.jccc.edu/coursedescriptions/draf#DRAF_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80963 350 ONLINE	-----	-	09/19/16-12/18/16	Online	Cline L	18 of 18

Kansas Senate Bill SB 155

Note: Students taking this online course can use either the AutoCAD LT or AutoCAD software to complete assignments. A free download of the software is available for student use. Students with additional questions or students new to the Drafting program should contact the instructor or Tom Hughes thughes@jccc.edu or 913-469-8500 ext 3901

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 \(http://catalog.jccc.edu/coursedescriptions/draf#DRAF_135\)](http://catalog.jccc.edu/coursedescriptions/draf#DRAF_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80964 001 F2F	M-W----	03:00-03:50 PM	08/22/16-12/18/16	ITC 126	Feuerborn D	15 of 15
	Lab M-W----	04:00-05:20 PM	08/22/16-12/18/16	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 \(http://catalog.jccc.edu/coursedescriptions/draf#DRAF_143\)](http://catalog.jccc.edu/coursedescriptions/draf#DRAF_143)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80965 001 F2F	----F--	06:00-07:50 PM	08/26/16-10/14/16	ITC 126	Burton S	15 of 15

Kansas Senate Bill SB 155

Note: All sections of DRAF 143 will use REVIT 2016 for the 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 \(http://catalog.jccc.edu/coursedescriptions/draf#DRAF_145\)](http://catalog.jccc.edu/coursedescriptions/draf#DRAF_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80966 001 F2F	-T-R---	08:00-09:50 PM	08/23/16-10/13/16	ITC 126	Catt T	15 of 15

Kansas Senate Bill SB 155

Note: All sections of DRAF 145 will use Inventor 2016 for the completion of lab assignments

DRAF 152 - 3D Modeling with SketchUp

The course will teach how to model (draft in 3D) with SketchUp, a popular software program. Students will learn how to sketch their ideas for prototypes, floor plans and buildings, embellish a drawing for presentation purposes, make animations of their model, export the model into different file formats and 3D print the model. 2 hrs. lecture/wk.

Credit Hours: 2

[Outline \(http://catalog.jccc.edu/coursedescriptions/draf#DRAF_152\)](http://catalog.jccc.edu/coursedescriptions/draf#DRAF_152)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80967 001 F2F	----F--	01:00-01:50 PM	09/09/16-11/11/16	ITC 126	Cline L	16 of 16

Kansas Senate Bill SB 155

Note: Students who are new to the Drafting program or have program questions should contact Tom Hughes thughes@jccc.edu or 913-469-8500 ext 3901 prior to enrolling in DRAF 152

DRAF 162 - 3D Printing and CNC Fabrication

The course will teach how to model and fabricate prototype ideas using Autodesk 123D, a free suite of apps. Students will learn how to make solid, mesh and reality capture models, 3D print them and generate a file for a Computer Numeric Control (CNC) cutting machine. 2 hrs. lecture/wk.

Credit Hours: 2

[Outline \(http://catalog.jccc.edu/coursedescriptions/draf#DRAF_162\)](http://catalog.jccc.edu/coursedescriptions/draf#DRAF_162)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80968 001 F2F	-T-R---	10:00-11:50 AM	10/18/16-12/08/16	ITC 126	Cline L	15 of 15

Kansas Senate Bill SB 155

Note: Students who are new to the Drafting program or have program questions should contact Tom Hughes thughes@jccc.edu or 913-469-8500 ext 3901 prior to enrolling in DRAF 162

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 \(http://catalog.jccc.edu/coursedescriptions/draf#DRAF_164\)](http://catalog.jccc.edu/coursedescriptions/draf#DRAF_164)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80969 001 F2F	M-W----	09:00-09:50 AM	08/22/16-12/18/16	ITC 128	Cline L	15 of 15
	Lab M-W----	10:00-11:20 AM	08/22/16-12/18/16	ITC 128		
80984 002 F2F	M-W----	06:00-06:50 PM	08/22/16-12/18/16	ITC 128	Faculty	15 of 15
	Lab M-W----	07:00-08:20 PM	08/22/16-12/18/16	ITC 128		
80985 003 F2F	-T-R---	01:00-01:50 PM	08/23/16-12/18/16	ITC 128	Cline L	15 of 15
	Lab -T-R---	02:00-03:20 PM	08/23/16-12/18/16	ITC 128		

Kansas Senate Bill SB 155

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DRAF 222 - Mechanical Design and Drafting

Students successfully completing this course should be able to draw details and assembly views of mechanical parts. The types of parts discussed in this class include castings, sheet metal pieces, jigs and fixtures, and gauges. Important concepts include dimensioning, form and position tolerancing, coordinate tolerancing, and calculations related to material allowances and manufacturing. Students will use the Machinery's Handbook, and other technical publications, to research and design projects. Project assignments will be completed using computer-aided drafting (CAD) software. This course is typically taught in the fall semester. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$40

Prerequisites: DRAF 123 and DRAF 135 and DRAF 145 and DRAF 230 and Prerequisite or corequisite: MATH 131

[Outline \(http://catalog.jccc.edu/coursedescriptions/draf#DRAF_222\)](http://catalog.jccc.edu/coursedescriptions/draf#DRAF_222)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80986 001 F2F	-T-R---	01:00-01:55 PM	08/23/16-12/18/16	ITC 126	Feuerborn D	18 of 18
	Lab -T-R---	02:00-03:20 PM	08/23/16-12/18/16	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 \(http://catalog.jccc.edu/coursedescriptions/draf#DRAF_230\)](http://catalog.jccc.edu/coursedescriptions/draf#DRAF_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80987 001 F2F	-T-R---	09:00-09:50 AM	08/23/16-12/18/16	ITC 122	Hughes T	20 of 20
	Lab -----	-	08/23/16-12/18/16	ITC 124		

Kansas Senate Bill SB 155

80989 002 F2F	M-W----	06:00-07:50 PM	10/17/16-12/07/16	ITC 122	Hughes T	20 of 20
	Lab -----	-	10/17/16-12/07/16	ITC 124		

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 \(http://catalog.jccc.edu/coursedescriptions/draf#DRAF_243\)](http://catalog.jccc.edu/coursedescriptions/draf#DRAF_243)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80990 001 F2F	----F--	06:00-07:50 PM	10/21/16-12/09/16	ITC 126	Burton S	15 of 15

Kansas Senate Bill SB 155

Note: All sections of DRAF 243 will use REVIT 2016 for the completion of lab assignments

DRAF 245 - Advanced Parametric Design: Inventor

This course uses the Inventor Parametric design software used by many industrial and mechanical design firms. Topics include software commands, project setup and the design process. Emphasis will be placed on the hands-on application of the software to industrial projects. It is recommended that students have previous mechanical design knowledge or have taken DRAF 222, Mechanical Drafting. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: DRAF 145 and DRAF 222 or department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/draf#DRAF_245\)](http://catalog.jccc.edu/coursedescriptions/draf#DRAF_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80992 001 F2F	-T-R---	08:00-09:50 PM	10/18/16-12/08/16	ITC 126	Catt T	15 of 15

Kansas Senate Bill SB 155

Note: All sections of DRAF 245 will use Inventor 2016 for the completion of lab assignments

DRAF 250 - Electrical Drafting

Upon successful completion of this course, the student should be able to identify drafting techniques applicable to industrial lighting, motor controls, power distribution and generation. Emphasis will be on the use of tables, catalogs and applications software as aids to decision making required on electrical drawings. Project assignments will be completed primarily using CAD. This course is typically taught in the fall semester. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Prerequisites: MATH 130 and either DRAF 230 or ENGR 131

[Outline \(http://catalog.jccc.edu/coursedescriptions/draf#DRAF_250\)](http://catalog.jccc.edu/coursedescriptions/draf#DRAF_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80994 001 F2F	-T-R---	05:30-06:25 PM	08/23/16-12/18/16	ITC 126	Faculty	18 of 18
	Lab -T-R---	06:30-07:50 PM	08/23/16-12/18/16	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 DRAF 164 and ITMD 121 require a grade of "C" or higher.

Credit Hours: 3

Associated Costs: \$10 to \$15

Prerequisites: DRAF 164 and ITMD 121(both courses must be completed with a grade of "C" or higher), or department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/draf#DRAF_264\)](http://catalog.jccc.edu/coursedescriptions/draf#DRAF_264)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80995 001 F2F	-T-R---	11:00-11:50 AM	08/23/16-12/18/16	ITC 122	Hughes T	18 of 18
	Lab -----	-	08/23/16-12/18/16	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 \(http://catalog.jccc.edu/coursedescriptions/draf#DRAF_271\)](http://catalog.jccc.edu/coursedescriptions/draf#DRAF_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80996 500 INT	-----	-	08/22/16-12/18/16		Hughes T	5 of 5

Kansas Senate Bill SB 155
Requirement: Department approval

DRAF 272 - Drafting Internship II

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. The internship will provide advanced students the opportunity to develop job- and career-related skills while in a work setting. The work will be developed cooperatively with area employers, college staff and each student to provide a variety of actual job experiences directly related to the student's career goals. 15 hrs. min./wk. Drafting classes that have additional lab have either the time and room listed or TBA (to be announced) with the room number listed.

Credit Hours: 3

Prerequisites: DRAF 271 and department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/draf#DRAF_272\)](http://catalog.jccc.edu/coursedescriptions/draf#DRAF_272)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80998 500 INT	-----	-	08/22/16-12/18/16		Hughes T	5 of 5

Kansas Senate Bill SB 155
Requirement: Department approval

English for Academic Purposes

EAP 101 - Writing and Grammar I

This English for Academic Purposes course provides non-native English-speaking 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. This course does not fulfill degree requirements. This 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 \(http://catalog.jccc.edu/coursedescriptions/eap#EAP_101\)](http://catalog.jccc.edu/coursedescriptions/eap#EAP_101)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82254 001 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	CC 124	Dunn S	15 of 15

EAP 103 - Writing and Grammar II

This English for Academic Purposes course provides non-native English-speaking 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 student success. This course does not fulfill degree requirements. This is the second writing and grammar course in the sequence of courses leading to ENGL 121. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: EAP 101 or appropriate ESL assessment test score

[Outline \(http://catalog.jccc.edu/coursedescriptions/eap#EAP_103\)](http://catalog.jccc.edu/coursedescriptions/eap#EAP_103)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82256 001 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	CC 124	Jenab F	15 of 15
82257 004 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	CC 128	Gunbatar V	15 of 15
82258 006 F2F	-T-R---	06:00-07:15 PM	08/23/16-12/18/16	CC 122	Woodward S	15 of 15
82259 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Tumanut S	15 of 15

ONLINE: Students should possess strong computer skills (hardware and software applications), be self-motivated and be good self-learners. Students will use the Internet and a Learning Management System

(D2L/Brightspace) to access course materials and content, view video/listen to audio recorded by the instructor, communicate with the instructor and students, and other activities. Exams in this class may be given online and/or on-campus in the JCCC Testing Center. Students are given a pre-determined amount of time for on-campus tests so as to best accommodate their schedule. This is NOT a self-paced course and there are periodic deadlines. Students not logging in within the first two weeks may be dropped for non-attendance. For more information, please contact the instructor.

EAP 105 - Speaking and Listening I

This English for Academic Purposes course provides non-native English speaking students the opportunity to develop their speaking, listening and pronunciation skills. Students will learn effective techniques for using American English in academic, career and personal settings. This course does not fulfill degree requirements. This is the first speaking course in a sequence of courses leading to ENGL 121. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: Appropriate ESL assessment test score

[Outline \(http://catalog.jccc.edu/coursedescriptions/eap/#EAP_105\)](http://catalog.jccc.edu/coursedescriptions/eap/#EAP_105)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82264 003 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CC 128	Dunn S	15 of 15

EAP 107 - Speaking and Listening II

This English for Academic Purposes course provides non-native English-speaking students the opportunity to expand fluency in speaking, listening and pronunciation. Students will learn effective 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. This course does not fulfill degree requirements. This is the second speaking course in a sequence of courses leading to ENGL 121. 3 hrs lecture/wk.

Credit Hours: 3

Prerequisites: EAP 105 or appropriate ESL assessment test score

[Outline \(http://catalog.jccc.edu/coursedescriptions/eap/#EAP_107\)](http://catalog.jccc.edu/coursedescriptions/eap/#EAP_107)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82269 002 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	CC 128	Lychnikova E	15 of 15
82270 004 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CC 124	Perriguet-Keene H	15 of 15
82271 006 F2F	-T-R---	07:30-08:45 PM	08/23/16-12/18/16	GEB 242	Woodward S	15 of 15

EAP 111 - Writing and Grammar III

This English for Academic Purposes course provides non-native English-speaking students an integrated communicative experience at the high-intermediate level. Students will focus on developing fluency in writing using American English at the paragraph and multiparagraph 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: EAP 103 or appropriate ESL assessment test score

[Outline \(http://catalog.jccc.edu/coursedescriptions/eap/#EAP_111\)](http://catalog.jccc.edu/coursedescriptions/eap/#EAP_111)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82272 001 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	CC 130	Aronoff D	15 of 15
82273 002 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	CC 217	Pace A	15 of 15
82274 005 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	CC 130	Zuroweste S	15 of 15
82275 006 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/18/16	CC 124	Peters S	15 of 15
82276 008 F2F	-T-R---	06:00-07:15 PM	08/23/16-12/18/16	GEB 242	Austin K	15 of 15
82278 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Nguyen E	15 of 15

ONLINE: Students should possess strong computer skills (hardware and software applications), be self-motivated and be good self-learners. Students will use the Internet and a Learning Management System

(D2L/Brightspace) to access course materials and content, view video/listen to audio recorded by the instructor, communicate with the instructor and students, and other activities. Exams in this class may be given online and/or on-campus in the JCCC Testing Center. Students are given a pre-determined amount of time for on-campus tests so as to best accommodate their schedule. This is NOT a self-paced course and there are periodic deadlines. Students not logging in within the first two weeks may be dropped for non-attendance. For more information, please contact the instructor.


EAP 113 - Writing and Grammar IV

This English for Academic Purposes course provides non-native English-speaking 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 is the fourth writing and grammar course in the sequence of courses leading to ENGL 121. This course does not fulfill degree requirements. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: EAP 111 or appropriate ESL assessment test score

[Outline \(http://catalog.jccc.edu/coursedescriptions/eap/#EAP_113\)](http://catalog.jccc.edu/coursedescriptions/eap/#EAP_113)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82279 001 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	CC 124	Milkowart H	20 of 20
82280 003 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	CC 316	Kastendick R	17 of 17
82281 004 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	LIB 357	Dunn S	20 of 20
82282 006 F2F	-----U	02:00-04:50 PM	08/28/16-12/18/16	ATB 132	Peters S	20 of 20
82283 008 F2F	-T-R---	04:00-06:45 PM	10/18/16-12/11/16	 SMN	Shortridge M	20 of 20

LATE START: This is a late-start course.

82284 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Milkowart H	20 of 20
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ONLINE: Students should possess strong computer skills (hardware and software applications), be self-motivated and be good self-learners. Students will use the Internet and a Learning Management System (D2L/Brightspace) to access course materials and content, view video/listen to audio recorded by the instructor, communicate with the instructor and students, and other activities. Exams in this class may be given online and/or on-campus in the JCCC Testing Center. Students are given a pre-determined amount of time for on-campus tests so as to best accommodate their schedule. This is NOT a self-paced course and there are periodic deadlines. Students not logging in within the first two weeks may be dropped for non-attendance. For more information, please contact the instructor.

82285 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Tumanut S	20 of 20
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ONLINE: Students should possess strong computer skills (hardware and software applications), be self-motivated and be good self-learners. Students will use the Internet and a Learning Management System (D2L/Brightspace) to access course materials and content, view video/listen to audio recorded by the instructor, communicate with the instructor and students, and other activities. Exams in this class may be given online and/or on-campus in the JCCC Testing Center. Students are given a pre-determined amount of time for on-campus tests so as to best accommodate their schedule. This is NOT a self-paced course and there are periodic deadlines. Students not logging in within the first two weeks may be dropped for non-attendance. For more information, please contact the instructor.

EAP 115 - Speaking and Listening III

This English for Academic Purposes course provides non-native English-speaking students the opportunity to enhance fluency in speaking, pronunciation and listening at the upper intermediate level. Students will apply standard American English communication patterns to understand lectures, speak in academic settings and communicate in group interactions. Students will learn effective techniques for presenting formal and informal speeches in specific fields of study and academic debates. This course does not fulfill degree requirements. This is the third speaking course in a sequence of courses leading to ENGL 121. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: EAP 107 or appropriate ESL assessment test score

[Outline \(http://catalog.jccc.edu/coursedescriptions/eap/#EAP_115\)](http://catalog.jccc.edu/coursedescriptions/eap/#EAP_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82305 001 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	CC 130	Aronoff D	15 of 15
82306 002 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	CC 122	Kastendick R	15 of 15
82307 004 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	CC 122	Milkowart H	15 of 15
82309 006 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	CC 122	Milkowart H	15 of 15
82310 008 F2F	M-W----	07:30-08:45 PM	08/22/16-12/18/16	LIB 352	Woodward S	15 of 15
82314 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Ubben C	15 of 15

ONLINE: Students should possess strong computer skills (hardware and software applications), be self-motivated and be good self-learners. Students will use the Internet and a Learning Management System (D2L/Brightspace) to access course materials and content, view video/listen to audio recorded by the instructor, communicate with the instructor and students, and other activities. Exams in this class may be given

online and/or on-campus in the JCCC Testing Center. Students are given a pre-determined amount of time for on-campus tests so as to best accommodate their schedule. This is NOT a self-paced course and there are periodic deadlines. Students not logging in within the first two weeks may be dropped for non-attendance. For more information, please contact the instructor.

EAP 117 - Speaking and Listening IV

This English for Academic Purposes course offers non-native English-speaking students the opportunity to master speaking, pronunciation and listening at an advanced level. Students will apply advanced communication patterns to understand lectures, speak fluently in academic settings and communicate broadly in group interactions. Students will learn effective techniques for applying advanced strategies to process knowledge from specific fields of study and communicate precise meanings of standard American English. This course will allow students the opportunity to give presentations with idiomatic vocabulary from literature, media and research sources. This course does not fulfill degree requirements. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: EAP 115 or appropriate ESL assessment test score

[Outline \(http://catalog.jccc.edu/coursedescriptions/eap/#EAP_117\)](http://catalog.jccc.edu/coursedescriptions/eap/#EAP_117)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82315 001 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	CC 124	Milkowart H	17 of 17
82316 004 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CC 122	Gray A	17 of 17
82317 005 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CC 316	Gunbatar V	17 of 17
82318 006 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16		Gray A	17 of 17
82320 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Ubben C	17 of 17

ONLINE: Students should possess strong computer skills (hardware and software applications), be self-motivated and be good self-learners. Students will use the Internet and a Learning Management System (D2L/Brightspace) to access course materials and content, view video/listen to audio recorded by the instructor, communicate with the instructor and students, and other activities. Exams in this class may be given online and/or on-campus in the JCCC Testing Center. Students are given a pre-determined amount of time for on-campus tests so as to best accommodate their schedule. This is NOT a self-paced course and there are periodic deadlines. Students not logging in within the first two weeks may be dropped for non-attendance. For more information, please contact the instructor.

EAP 120 - Reading and Vocabulary I

This English for Academic Purposes course provides non-native English-speaking students an integrated communication experience at 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 \(http://catalog.jccc.edu/coursedescriptions/eap/#EAP_120\)](http://catalog.jccc.edu/coursedescriptions/eap/#EAP_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82321 002 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/18/16	CC 122	Gray A	15 of 15

EAP 121 - Reading and Vocabulary II

This English for Academic Purposes course provides non-native English-speaking students the opportunity to develop reading fluency, comprehension and vocabulary at the 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

Prerequisite: EAP 120 or appropriate ESL assessment test score

[Outline \(http://catalog.jccc.edu/coursedescriptions/eap/#EAP_121\)](http://catalog.jccc.edu/coursedescriptions/eap/#EAP_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82322 001 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	CC 128	Lychnikova E	15 of 15
82323 003 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	CC 122	Couch J	15 of 15
82474 004 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CC 332	Peters S	15 of 15

82324 005 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	CC 128	Gunbatar V	15 of 15
82325 007 F2F	M-W----	06:00-07:15 PM	08/22/16-12/18/16	CC 122	Couch J	15 of 15
82326 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Chung J	15 of 15

ONLINE: Students should possess strong computer skills (hardware and software applications), be self-motivated and be good self-learners. Students will use the Internet and a Learning Management System (D2L/Brightspace) to access course materials and content, view video/listen to audio recorded by the instructor, communicate with the instructor and students, and other activities. Exams in this class may be given online and/or on-campus in the JCCC Testing Center. Students are given a pre-determined amount of time for on-campus tests so as to best accommodate their schedule. This is NOT a self-paced course and there are periodic deadlines. Students not logging in within the first two weeks may be dropped for non-attendance. For more information, please contact the instructor.

EAP 122 - Reading and Vocabulary III

This English for Academic Purposes course provides non-native English-speaking students an integrated communicative experience at the high-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 is the third reading course in the sequence of courses leading to ENGL 121. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: EAP 121 or appropriate ESL assessment test score

Outline (http://catalog.jccc.edu/coursedescriptions/eap/#EAP_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82327 001 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	CC 122	Kastendick R	15 of 15
82328 002 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	CC 128	Lychnikova E	15 of 15
82330 005 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CC 329	Rainwater M	15 of 15
82332 008 F2F	M-W----	06:00-07:15 PM	08/22/16-12/18/16	ATB 131	Paul Newby M	15 of 15
82333 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Nguyen E	15 of 15

ONLINE: Students should possess strong computer skills (hardware and software applications), be self-motivated and be good self-learners. Students will use the Internet and a Learning Management System (D2L/Brightspace) to access course materials and content, view video/listen to audio recorded by the instructor, communicate with the instructor and students, and other activities. Exams in this class may be given online and/or on-campus in the JCCC Testing Center. Students are given a pre-determined amount of time for on-campus tests so as to best accommodate their schedule. This is NOT a self-paced course and there are periodic deadlines. Students not logging in within the first two weeks may be dropped for non-attendance. For more information, please contact the instructor.

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/coursedescriptions/econ/#ECON_132) [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80179 001 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/16/16	OCB 248	Syracuse F	30 of 30
80180 002 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/16/16	OCB 248	Syracuse F	30 of 30
80181 003 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/15/16	SCI 124	Young B	24 of 24
80182 004 F2F	-T-----	06:00-08:50 PM	08/23/16-12/13/16	OCB 246	Frederick D	32 of 32
80183 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Young B	24 of 24
80184 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Young B	24 of 24

ECON 230 - Principles of Macroeconomics

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. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/econ/#ECON_230\)](http://catalog.jccc.edu/coursedescriptions/econ/#ECON_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80185 001 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/16/16	OCB 246	Hadley S	32 of 32
<i>KBOR Seamless Transfer</i>						
80186 002 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/16/16	GP 101	Kim K	24 of 24
<i>KBOR Seamless Transfer</i>						
80187 003 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/16/16	GP 101	Kim K	24 of 24
<i>KBOR Seamless Transfer</i>						
80188 004 F2F	M-W----	10:00-11:25 AM	08/29/16-12/14/16		Christensen K	24 of 24
<i>KBOR Seamless Transfer</i>						
Please Note: This is a late-start class. Class begins on Aug 29, 2016 and meets twice a week for 1 hour and 25 minutes.						
80189 005 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/16/16	OCB 246	Okao A	32 of 32
<i>KBOR Seamless Transfer</i>						
80190 006 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/16/16	OCB 246	Okao A	32 of 32
<i>KBOR Seamless Transfer</i>						
80191 007 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/16/16	OCB 248	Syracuse F	30 of 30
<i>KBOR Seamless Transfer</i>						
80192 008 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/16/16	OCB 246	Okao A	32 of 32
<i>KBOR Seamless Transfer</i>						
80193 009 F2F	M-W----	04:00-06:50 PM	08/22/16-10/05/16	OCB 246	Frederick D	32 of 32
<i>Two x 2 x 2</i>						
<i>KBOR Seamless Transfer</i>						
Note: This 8-week macroeconomics course is part of the Two-by-Two degree schedule. However, any student can enroll in this course and earn 3 credit hours in economics during the 8-week session (Course ends October 5th).						
80194 010 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/15/16	OCB 246	Hadley S	32 of 32
<i>KBOR Seamless Transfer</i>						
80195 012 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/15/16	LIB 352	Faculty	24 of 24
<i>KBOR Seamless Transfer</i>						
80196 013 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/15/16	OCB 248	Owens D	30 of 30
<i>KBOR Seamless Transfer</i>						
80197 014 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/15/16	OCB 246	Kim K	32 of 32
<i>KBOR Seamless Transfer</i>						
80240 015 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/15/16	CLB 314	Brogna A	32 of 32
<i>KBOR Seamless Transfer</i>						
80241 016 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/15/16	OCB 248	Owens D	30 of 30
<i>KBOR Seamless Transfer</i>						
80242 017 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/15/16	OCB 246	Brogna A	32 of 32
<i>KBOR Seamless Transfer</i>						
80243 018 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/15/16	OCB 246	Syracuse F	32 of 32
<i>KBOR Seamless Transfer</i>						
80244 019 F2F	-T-R---	03:30-04:45 PM	08/23/16-12/15/16	OCB 248	Syracuse F	30 of 30
<i>KBOR Seamless Transfer</i>						
80245 020 F2F	-T-----	06:00-08:50 PM	08/23/16-12/13/16	OCB 248	Syracuse F	30 of 30

KBOR Seamless Transfer

80246 021 F2F	--W----	06:00-08:50 PM	08/24/16-12/14/16	OCB 248	Kim K	30 of 30
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KBOR Seamless Transfer

80248 022 F2F	M-W----	02:00-04:40 PM	10/17/16-12/07/16	GEB 258	Karscig M	24 of 24
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KBOR Seamless Transfer

Note: This is an 8-week macroeconomics course. It begins on October 17. Students often take this course along with microeconomics-Econ 231, CRN#80261 (see below) which is offered in the first 8-weeks of the 16-week semester in order to earn 6 credit hours of economics in a semester.

80249 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Copeland D	24 of 24
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KBOR Seamless Transfer

80250 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Copeland D	24 of 24
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KBOR Seamless Transfer

80251 352 ONLNE	-----	-	08/22/16-12/18/16	Online	Copeland D	24 of 24
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KBOR Seamless Transfer

80252 353 ONLNE	-----	-	08/22/16-12/18/16	Online	Copeland D	24 of 24
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KBOR Seamless Transfer

80253 354 ONLNE	-----	-	08/22/16-12/18/16	Online	Owens D	24 of 24
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KBOR Seamless Transfer

80254 355 ONLNE	-----	-	08/22/16-12/18/16	Online	Clark L	24 of 24
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KBOR Seamless Transfer

80255 356 ONLNE	-----	-	08/22/16-12/18/16	Online	Clark L	24 of 24
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KBOR Seamless Transfer

81153 357 ONLNE	-----	-	08/22/16-12/18/16	Online	Karscig M	24 of 24
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KBOR Seamless Transfer

ECON 231 - Principles of Microeconomics

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 an extended analysis of product supply and demand, theories 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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$50

[Outline \(http://catalog.jccc.edu/coursedescriptions/econ/#ECON_231\)](http://catalog.jccc.edu/coursedescriptions/econ/#ECON_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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80256 001 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/16/16	SCI 124	Faculty	24 of 24
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KBOR Seamless Transfer

80257 002 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/16/16	CC 329	Owens D	24 of 24
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KBOR Seamless Transfer

80258 003 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/16/16	CC 314	Kim K	24 of 24
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KBOR Seamless Transfer

80259 004 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/16/16	OCB 246	Christensen K	32 of 32
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KBOR Seamless Transfer

80260 005 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/16/16	OCB 248	Owens D	30 of 30
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KBOR Seamless Transfer

80261 006 F2F	M-W----	02:00-04:40 PM	08/22/16-10/12/16	OCB 248	Karscig M	30 of 30
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KBOR Seamless Transfer

Note: This is an 8-week microeconomics course. It begins on August 22. Students often take this course along with macroeconomics-Econ 230, CRN#80248 (see above) which is offered in the second 8-weeks of the 16-week semester in order to earn 6 credit hours of economics in a semester.

80262 007 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/15/16	OCB 248	Brogna A	30 of 30
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KBOR Seamless Transfer

80263 008 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/15/16	OCB 246	Hadley S	32 of 32
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KBOR Seamless Transfer

81154 010 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	OCB 248	Owens D	30 of 30
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KBOR Seamless Transfer

80264 011 F2F	---R---	06:00-08:50 PM	08/25/16-12/15/16	OCB 248	Syracuse F	30 of 30
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KBOR Seamless Transfer

80265 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Copeland D	24 of 24
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KBOR Seamless Transfer

80266 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Copeland D	24 of 24
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KBOR Seamless Transfer

80267 352 ONLNE	-----	-	08/22/16-12/18/16	Online	Copeland D	24 of 24
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KBOR Seamless Transfer

80268 353 ONLNE	-----	-	08/22/16-12/18/16	Online	Hadley S	24 of 24
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KBOR Seamless Transfer

80269 354 ONLNE	-----	-	08/22/16-12/18/16	Online	Hadley S	24 of 24
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*KBOR Seamless Transfer***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. 3 hrs. lecture/wk.

Credit Hours: 3**Prerequisite:** RDG 126 or College Reading Readiness (<http://www.jccc.edu/admissions/enrollment/reading-readiness.html>)[Outline \(http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_121\)](http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81833 001 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	HCDC 128	McDonough M	35 of 35
81834 002 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/18/16	HCDC 128	McDonough M	35 of 35
81835 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Strohschein M	25 of 25

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. 3 hrs. lecture/wk.

Credit Hours: 3**Prerequisite:** RDG 126 or College Reading Readiness (<http://www.jccc.edu/admissions/enrollment/reading-readiness.html>)[Outline \(http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_130\)](http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81836 001 F2F	-T-----	06:00-08:50 PM	08/23/16-12/18/16	HCDC 128	Keeton S	35 of 35
81837 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Hurst D	25 of 25

*Kansas Senate Bill SB 155**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 \(http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_131\)](http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81838 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Hurst D	25 of 25

Kansas Senate Bill SB 155

EDUC 210 - Creative Experiences for Young Children

This course is a study of constructing and maintaining an environment for young children that fosters aesthetic sensitivity and creativity. The course includes the young child's developmental stages in art, music, movement, creative movement and creative drama. Methods and materials for this course cover developmentally appropriate creative experiences; inclusive, anti-bias curriculum; integration of creative experiences throughout the curriculum; use of technology; and helping families understand the creative experience. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: EDUC 130 with a grade of "C" or higher and PSYC 215

[Outline \(http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_210\)](http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81839 001 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	HCDC 128	Springate J	30 of 30

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 children and youths 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, 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/admissions/enrollment/reading-readiness.html>)

[Outline \(http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_220\)](http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81840 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Salvato M	25 of 25
81841 352 ONLNE	-----	-	08/22/16-12/18/16	Online	Salvato M	25 of 25

EDUC 234 - Families in Society

This course is a study of effective relationships between families and the larger society. The course is designed for teachers and families who desire to provide an environment that reflects sensitivity to the unique needs of the individual child/adolescent and their families. Topics covered during the course are family dynamics, child and adolescent development, supporting positive relationships and behaviors, and effective communication and guidance strategies, as well as building and advocating for effective, collaborative relationships between teachers, families and communities. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite or corequisite: PSYC 215

[Outline \(http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_234\)](http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_234)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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/admissions/enrollment/reading-readiness.html>)

[Outline \(http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_250\)](http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81843 001 F2F	---R---	06:00-08:50 PM	08/25/16-12/18/16	HCDC 128	McDonald K	30 of 30

Kansas Senate Bill SB 155

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, and the appropriate techniques for interacting with, young children. 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 also presented. The laboratory will include demonstration of the subject matter. 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

[Outline \(http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_260\)](http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_260)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81844 001 F2F	--W----	12:00-01:40 PM	08/24/16-12/18/16	HCDC 128	Salvato M	15 of 15

Kansas Senate Bill SB 155

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 \(http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_120\)](http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_120) [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81372 001 F2F	M-W----	10:00-10:50 AM	08/22/16-12/18/16	ITC 184	Cody P	20 of 20

Lab	M-W----	11:00-12:20 PM	08/22/16-12/18/16	ITC 184		
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Kansas Senate Bill SB 155

81374 002 F2F	-T-R---	07:00-07:50 PM	08/23/16-12/18/16	ITC 184	Baldwin R	20 of 20
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Lab	-T-R---	08:00-09:20 PM	08/23/16-12/18/16	ITC 184		
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Kansas Senate Bill SB 155

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 \(http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_125\)](http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_125) | [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81376 001 F2F	-T-R---	05:00-06:20 PM	08/23/16-12/18/16	ITC 188	Cody P	20 of 20
	Lab -----	-	08/23/16-12/18/16	ITC 186		

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 \(http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_185\)](http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_185) | [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81373 001 F2F	M-W----	06:00-06:50 PM	08/22/16-12/18/16	ITC 184	Faculty	20 of 20
	Lab M-W----	07:00-08:20 PM	08/22/16-12/18/16	ITC 184		

Kansas Senate Bill SB 155

ELEC 186 - CompTIA A+ Essentials

Students will gain the knowledge required to assemble components based on customer requirements, and to install, configure and maintain devices for end users. This course also covers the basics of networking and security/forensics, proper and safe diagnosis, and how to resolve and document common hardware issues while applying troubleshooting skills. 2 hrs lecture and 3 hrs. lab/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_186\)](http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_186)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81375 001 F2F	-T-R---	11:30-12:20 PM	08/23/16-12/18/16	ITC 188	Cody P	20 of 20
	Lab -T-R---	12:30-01:50 PM	08/23/16-12/18/16	ITC 191A		

Kansas Senate Bill SB 155

81388 002 F2F	M-W----	07:00-07:50 PM	08/22/16-12/18/16	ITC 188	Pitts R	15 of 15
	Lab M-W----	08:00-09:20 PM	08/22/16-12/18/16	ITC 191A		

Kansas Senate Bill SB 155

ELEC 212 - Fundamentals of Light and Lasers

This is the foundational course necessary for applying lasers and/or photonics to other technologies. It covers the basics of light and lasers that will allow a technician to continue his or her studies in any photonics-enabled technology. This course reviews the physics of light, geometrical and wave optics, light sources, basic optical material and lab equipment, laser principles, and laser safety. 2 hrs. lecture and 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$25

Prerequisite: MATH 131 (or higher)

[Outline \(http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_212\)](http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_212)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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82456 001 F2F M-W---- 06:30-07:20 PM 08/22/16-12/18/16 ITC 189 King M 16 of 16

Lab M-W---- 07:30-08:50 PM 08/22/16-12/18/16 ITC 189

Kansas Senate Bill SB 155

ELEC 234 - AC Circuits

The analysis techniques presented in Electronics I will be applied to complex circuits driven by Alternating Current (AC) and pulsed sources. The responses of the circuits having resistance, impedance, inductive and capacitive reactance will be analyzed. Other topics will include transformers and electronic filters. 3 hrs. lecture and 3 hrs. lab/wk.

Credit Hours: 4

Prerequisite: ELEC 134

[Outline \(http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_234\)](http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_234)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82373 001 F2F	-T-R---	09:00-10:20 AM	08/23/16-12/18/16	ITC 184	Fouad H	20 of 20
	Lab -T-R---	10:30-11:50 AM	08/23/16-12/18/16	ITC 184		

Kansas Senate Bill SB 155

ELEC 235 - Microprocessors

This course is designed to provide an introduction to advanced microcomputer concepts and applications. This course is a continuation of topics introduced in the Digital Electronics I and II classes. Included are hardware and software topics in operating systems, peripherals, displays, processors, storage media, maintenance, diagnostics and troubleshooting. Analog and digital data acquisition and processing will also be covered. 3 hrs. lecture and 3 hrs. lab/wk.

Credit Hours: 4

Prerequisite: ELEC 225

[Outline \(http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_235\)](http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82374 001 F2F	M-W----	01:30-02:50 PM	08/22/16-12/18/16	ITC 188	Cody P	20 of 20
	Lab M-W----	03:00-04:20 PM	08/22/16-12/18/16	ITC 184		

Kansas Senate Bill SB 155

ELEC 236 - Semiconductor Devices

Topics for this class include the analysis and understanding of diodes and transistors. Special purpose diodes, bipolar junction transistors (BJT) and field effect transistors (FET) will be examined. Additional topics include operational amplifiers (Op-Amps), four-layer semiconductor devices and voltage regulators. Op-Amp applications will cover comparators, summing amplifiers, integrators, differentiators and active filters. 3 hrs. lecture and 3 hrs. lab/wk.

Credit Hours: 4

Prerequisite or corequisite: ELEC 234

[Outline \(http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_236\)](http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_236)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82375 001 F2F	-T-R---	12:30-01:50 PM	08/23/16-12/18/16	ITC 184	Fouad H	20 of 20
	Lab -T-R---	02:00-03:50 PM	08/23/16-12/18/16	ITC 184		

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 \(http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_271\)](http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82648 500 INT	-----	-	08/22/16-12/18/16		Cody P	5 of 5

Kansas Senate Bill SB 155

Requirement: Department approval

Electrical Technology

ELTE 110 - AC/DC Circuits

This is an introductory course that addresses the basics of Direct Current (DC) and Alternating Current (AC) circuits. The lab component to this course will expand on concepts taught in lecture by incorporating hands-on projects using common components found in the electrical industry. Students will gain experience in the process of reading and troubleshooting schematic drawings using electrical measuring equipment. 3 hrs. lecture/wk. and 3 hrs. lab/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 3630 for approval.

Credit Hours: 4

Prerequisite: Department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_110\)](http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80926 001 F2F	Lab M-W----	08:00-10:50 AM	08/22/16-10/12/16	ATB 164	Randazzo C	20 of 20
	-T-R---	08:00-10:50 AM	08/23/16-10/13/16	ATB 164		

Kansas Senate Bill SB 155

Note: Qualified enrollment approval required. Please contact (913) 469-8500 x3630 for approval

Requirement: Department approval

82129 002 F2F	M-W----	02:00-04:50 PM	08/22/16-10/12/16	ATB 164	Faculty	16 of 16
	Lab -T-R---	02:00-04:50 PM	08/23/16-10/13/16	ITC 189		

Kansas Senate Bill SB 155

Requirement: Department approval

ELTE 115 - Print Reading

This course addresses the fundamentals of interpreting construction drawings. Students learn to read specification manuals and prints as applied to electrical installations in residential, commercial and industrial buildings. 3 hrs. integrated lecture/lab/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 3630 for approval.

Credit Hours: 2

Prerequisite: Department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_115\)](http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80934 001 F2F	MTW----	12:00-01:50 PM	08/22/16-10/12/16	ATB 127	Weible M	20 of 20

Kansas Senate Bill SB 155

Requirement: Department approval

ELTE 122 - National Electrical Code I

This is an introductory course on the use and interpretation of the current National Electrical Code (NEC), chapters 1-4. Students will learn the purpose and history of the code; develop a working knowledge of the code requirements for wiring, protection, materials and equipment; and be able to discern between wiring methods used in different occupancies. 4 hrs. lecture/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 3630 for approval.

Credit Hours: 4

Prerequisite or corequisite: ELTE 110

[Outline \(http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_122\)](http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80946 001 F2F	MTWR---	12:00-01:50 PM	10/17/16-12/08/16	ATB 127	Gilmore S	30 of 30

Kansas Senate Bill SB 155

Requirement: Department approval

ELTE 125 - Residential Wiring

This course covers residential wiring methods that include practical application and hands-on experience in implementing the code requirements. Installation rules and circuit designs for switches, receptacles, luminaires and appliances will also be discussed. The student will explore necessary skills to install electrical systems in a residential occupancy, meeting the minimum requirements as set forth in the current National Electrical Code (NEC). 3 hrs. lecture/wk. and 3 hrs. lab/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 3630 for approval.

Credit Hours: 4

Associated Costs: \$100 to \$200

Prerequisite or corequisite: ELTE 110 and ELTE 115

[Outline \(http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_125\)](http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80947 001 F2F	Lab M-W----	08:00-10:50 AM	10/17/16-12/07/16	ATB 168B	Randazzo C	20 of 20
	-T-R---	08:00-10:50 AM	10/18/16-12/08/16	ATB 164		

Kansas Senate Bill SB 155

Requirement: Department approval

ELTE 202 - Electrical Estimating

This course covers the process of estimating the cost of an electrical design. Students will learn to develop an electrical estimate for a residential and commercial design. Emphasis will be placed on compiling a take-off list of materials from blueprints, determining material and labor cost, writing bid proposals and creating change orders. 2 hrs. lecture/wk, 3 hrs lab/wk.

Credit Hours: 3

Prerequisite: ELTE 115

[Outline \(http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_202\)](http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_202)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80948 001 F2F	--W----	05:00-06:50 PM	08/24/16-12/18/16	ATB 127	Reaser D	16 of 16
	Lab --W----	07:00-09:50 PM	08/24/16-12/18/16	ATB 155		

Kansas Senate Bill SB 155

ELTE 225 - Industrial Wiring I

This is an introductory course that covers industrial wiring methods that include practical application and hands-on experience in implementing the code requirements. Transformer installation, power distribution and various wiring methods will also be discussed. The student will explore necessary skills to install electrical systems in an industrial occupancy, meeting the minimum requirements as set forth in the current National Electrical Code (NEC). 2 hrs. lecture/wk. and 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$100 to \$200

Prerequisite: ELTE 200

[Outline \(http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_225\)](http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80949 001 F2F	M-----	05:00-06:50 PM	08/22/16-12/18/16	ATB 127	Randazzo C	16 of 16
	Lab M-----	07:00-09:50 PM	08/22/16-12/18/16	ATB 168A		

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.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/ems/#EMS_121\)](http://catalog.jccc.edu/coursedescriptions/ems/#EMS_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81986 001 F2F	---R---	06:00-10:00 PM	08/25/16-09/22/16	SCI 222	Parker J Whim A	24 of 24
						<i>Accelerating Opportunity KS</i>
81987 002 F2F	---R---	06:00-10:00 PM	09/29/16-10/27/16	SCI 222	Parker J Whim A	24 of 24
						<i>Accelerating Opportunity KS</i>
82003 003 F2F	M---F--	11:00-12:59 PM	08/22/16-09/23/16	SCI 112	Parker J Whim A	24 of 24
						<i>Accelerating Opportunity KS</i>
82564 004 F2F	M-----	12:45-02:45 PM	08/22/16-12/18/16	 LCCC 007	Allen D	12 of 12
						<i>Accelerating Opportunity KS</i>

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 \(http://catalog.jccc.edu/coursedescriptions/ems/#EMS_128\)](http://catalog.jccc.edu/coursedescriptions/ems/#EMS_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81993 001 F2F	--W-F--	01:00-04:00 PM	08/24/16-12/18/16	SCI 112	Foster C Michel L	24 of 24
						<i>Kansas Senate Bill SB 155</i>
82000 002 F2F	MTW----	06:00-09:30 PM	08/22/16-10/12/16	SCI 222	Ratliff W Heinger J	24 of 24
						<i>Kansas Senate Bill SB 155</i>
82001 003 F2F	MTW----	06:00-09:30 PM	10/17/16-12/07/16	SCI 222	Ratliff W Smith B	24 of 24
						<i>Kansas Senate Bill SB 155</i>

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.

Credit Hours: 10

Prerequisite: Successful completion of an Emergency Medical Responder or First Responder course (EMS 128) with a grade of "C" or higher or Program Director review of previous experience

Outline (http://catalog.jccc.edu/coursedescriptions/ems/#EMS_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81988 001 F2F	-T-R---	01:30-05:30 PM	08/23/16-12/18/16	SCI 101L	Craig S	36 of 36
	-T-R---	01:30-05:30 PM	08/23/16-12/18/16	SCI 101M		
	-T-R---	01:30-05:30 PM	08/23/16-12/18/16	SCI 101N		
	-----	-	08/23/16-12/18/16	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						
81992 002 F2F	-T-R---	06:00-10:00 PM	08/23/16-12/18/16	SCI 101L	Biggs S	36 of 36
	-T-R---	06:00-10:00 PM	08/23/16-12/18/16	SCI 101M		
	-T-R---	06:00-10:00 PM	08/23/16-12/18/16	SCI 101N		
	-----	-	08/23/16-12/18/16	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						
82458 003 F2F	-T-R---	06:00-10:00 PM	08/23/16-12/18/16	 LCCC 007	Robinson J	18 of 18
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/ems/#EMS_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81999 001 F2F	--W----	06:00-09:00 PM	08/24/16-12/18/16	SCI 112	Wright R	20 of 20
<i>Kansas Senate Bill SB 155</i>						

EMS 271 - MICT IV Field Internship

MICT IV is the final of four courses in advanced out-of-hospital emergency medical care leading to the opportunity to sit for the National Registry Examination for Paramedics. During MICT IV, paramedic students have the opportunity to take the knowledge and skills gained in MICT I, II and III and apply them in an actual practice environment. MICT IV represents an intense 4-month course in which knowledge, skills and professional behaviors are synthesized and applied to victims of sudden trauma or medical emergencies under supervision of paramedic preceptors at the emergency scene and in the ambulance. Entry-level competence into the profession is demonstrated as the student demonstrates the ability to assess the scene and the patient, develop a plan for therapeutic intervention as well as scene management, and effectively lead the out-of-hospital resuscitation team's effort. Classroom and laboratory review are included. 810 hrs. integrated lecture/ lab and field/clinical experience

Credit Hours: 15

Prerequisite: EMS 230 with a grade of "C" or higher

[Outline \(http://catalog.jccc.edu/coursedescriptions/ems/#EMS_271\)](http://catalog.jccc.edu/coursedescriptions/ems/#EMS_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82002 500 INT	MTWRF--	09:00-04:30 PM	08/29/16-12/12/16	SCI 101L	Wnek S Grubbs K Parker R	24 of 24
	MTWRF--	09:00-04:30 PM	08/29/16-12/12/16	SCI 101M		
	MTWRF--	09:00-04:30 PM	08/29/16-12/12/16	SCI 101N		

Kansas Senate Bill SB 155

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 \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_102\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_102)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81177 002 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	LIB 305	Lillich S	15 of 15
81178 004 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	LIB 305	Lillich S	15 of 15
81179 006 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	LIB 305	Biondo A	15 of 15
81180 008 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	LIB 305	Biondo A	15 of 15
81181 010 F2F	M-W----	06:00-07:15 PM	08/22/16-12/18/16	LIB 305	Faculty	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 \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_103\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_103)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81972 960 IND	-----	-	08/22/16-12/11/16		Byrne K	50 of 50



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/coursedescriptions/engl/#ENGL_106)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81183 002 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	ATB 132	Davis D	25 of 25
81184 004 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	ATB 132	Davis D	25 of 25
81186 006 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	ATB 133	Brannan R	25 of 25
81188 008 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	ATB 133	Brannan R	25 of 25
81189 009 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	LIB 357	Dixon G	24 of 24
81214 011 F2F	M-W-F--	03:00-03:50 PM	08/22/16-12/18/16	ATB 133	Brannan R	25 of 25
81215 013 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/18/16	ATB 132	Brunner L	25 of 25
81216 015 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	ATB 132	Brunner L	25 of 25
81217 017 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16		Faculty	25 of 25
81219 019 F2F	-T-R---	02:30-04:10 PM	09/06/16-12/18/16	 LPC	Devictor C	25 of 25
81218 020 F2F	-T-R---	03:30-04:45 PM	08/23/16-12/18/16	CC 217	Jones N	24 of 24
81221 022 F2F	-T-----	06:00-08:50 PM	08/23/16-12/18/16		Faculty	25 of 25
81220 023 F2F	-T-----	06:00-09:05 PM	09/06/16-12/18/16	 LPC	Dixon G	25 of 25
81222 025 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	LIB 359	Anderson K	22 of 22
81223 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Davis D	25 of 25

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/coursedescriptions/engl/#ENGL_107)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81973 960 IND	-----	-	08/22/16-12/11/16		Byrne K	50 of 50

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 \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_108\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_108)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81974 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Devictor C Byrne K	20 of 20
<i>Writing Center Course</i>						
81975 960 IND	-----	-	08/22/16-12/11/16		Byrne K	50 of 50
<i>Writing Center Course</i>						

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 \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_109\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_109)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81976 960 IND	-----	-	08/22/16-12/11/16		Byrne K	50 of 50
<i>Kansas Senate Bill SB 155</i>						
<i>Writing Center Course</i>						

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 \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_110\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81977 960 IND	-----	-	08/22/16-12/11/16		Byrne K	50 of 50
<i>Writing Center Course</i>						

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 \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_112\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_112)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81978 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Devictor C Byrne K	20 of 20
<i>Writing Center Course</i>						
81979 960 IND	-----	-	08/22/16-12/11/16		Byrne K	50 of 50
<i>Writing Center Course</i>						

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 \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_115\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81980 960 IND	-----	-	08/22/16-12/11/16		Byrne K	50 of 50

Writing Center Course

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 \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_120\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81981 960 IND	-----	-	08/22/16-12/11/16		Byrne K	50 of 50

Writing Center Course

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.

Credit Hours: 3

Prerequisite: ENGL 106 or appropriate placement test score or both EAP 113 and EAP 117.

[Outline \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_121\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81259 001 F2F	M-W-F--	07:00-07:50 AM	08/22/16-12/18/16	CC 215	McWard J	22 of 22
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
81260 003 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	LIB 357	Browning M	24 of 24
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
81261 004 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	CC 329	Reynolds T	24 of 24
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
81262 005 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	CC 314	Karle K	25 of 25
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
81264 006 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	CC 217	Pace A	24 of 24

Accelerating Opportunity KS
KBOR Seamless Transfer

81269 007 F2F M-W-F-- 08:00-08:50 AM 08/22/16-12/18/16 CC 316 Stock J 20 of 20

Accelerating Opportunity KS
KBOR Seamless Transfer

81270 010 F2F M-W-F-- 09:00-09:50 AM 08/22/16-12/18/16 LIB 357 Browning M 24 of 24

Accelerating Opportunity KS
KBOR Seamless Transfer

81271 011 F2F M-W-F-- 09:00-09:50 AM 08/22/16-12/18/16 CC 215 McWard J 22 of 22

Accelerating Opportunity KS
KBOR Seamless Transfer

81272 012 F2F M-W-F-- 09:00-09:50 AM 08/22/16-12/18/16 CC 329 Reynolds T 24 of 24

KBOR Seamless Transfer
Accelerating Opportunity KS

81273 013 F2F M-W-F-- 09:00-09:50 AM 08/22/16-12/18/16 CC 314 Karle K 25 of 25

KBOR Seamless Transfer
Accelerating Opportunity KS

81274 014 F2F M-W-F-- 09:00-09:50 AM 08/22/16-12/18/16 CC 122 Paldino L 24 of 24

Accelerating Opportunity KS
KBOR Seamless Transfer

81275 015 F2F M-W-F-- 09:00-09:50 AM 08/22/16-12/18/16 CC 316 Stock J 20 of 20

KBOR Seamless Transfer
Accelerating Opportunity KS

81276 016 F2F M-W-F-- 09:00-09:50 AM 08/22/16-12/18/16 ATB 134 Petrillo S 25 of 25

KBOR Seamless Transfer
Accelerating Opportunity KS

81277 017 F2F M-W-F-- 09:00-09:50 AM 08/22/16-12/18/16 LIB 305 Lillich S 22 of 22

KBOR Seamless Transfer
Accelerating Opportunity KS

81278 020 F2F M-W-F-- 10:00-10:50 AM 08/22/16-12/18/16 LIB 357 Dixon G 24 of 24

KBOR Seamless Transfer
Accelerating Opportunity KS

81279 021 F2F M-W-F-- 10:00-10:50 AM 08/22/16-12/18/16 GEB 238 Bell S 20 of 20

This section's title is **Composition I Honors**.

KBOR Seamless Transfer
Accelerating Opportunity KS
Honors Course

Note: This is an honors section. Enrollment is by permission, requiring a minimum ACT score of 25 or a score of 90 or higher on the JCCC writing assessment test. Course objectives and competencies remain the same as for other Composition I classes, although the instructor may have selected different textbooks. For additional information and permission to enroll, please contact the honors office at either honors@jccc.edu or 913-469-8500 ext. 2434.

81280 022 F2F M-W-F-- 10:00-10:50 AM 08/22/16-12/18/16 CC 314 Karle K 25 of 25

Accelerating Opportunity KS
KBOR Seamless Transfer

81281 023 F2F M-W-F-- 10:00-10:50 AM 08/22/16-12/18/16 CC 215 Hodgkin J 22 of 22

KBOR Seamless Transfer
Accelerating Opportunity KS

81282 024 F2F M-W-F-- 10:00-10:50 AM 08/22/16-12/18/16 ATB 133 Jackson M 25 of 25

KBOR Seamless Transfer
Accelerating Opportunity KS

81283 025 F2F M-W-F-- 10:00-10:50 AM 08/22/16-12/18/16 CC 329 Petrillo S 24 of 24

KBOR Seamless Transfer
Accelerating Opportunity KS

81284 026 F2F M-W-F-- 10:00-10:50 AM 08/22/16-12/18/16 CC 316 Frazier C 20 of 20

KBOR Seamless Transfer
Accelerating Opportunity KS

81285 029 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	LIB 357	Dixon G	24 of 24
<i>Accelerating Opportunity KS KBOR Seamless Transfer</i>						
81286 030 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	CC 215	Hodgkin J	22 of 22
<i>KBOR Seamless Transfer Accelerating Opportunity KS</i>						
81287 031 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	ATB 133	Jackson M	25 of 25
<i>KBOR Seamless Transfer Accelerating Opportunity KS</i>						
81288 032 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	LIB 359	Paldino L	20 of 20
<i>KBOR Seamless Transfer Accelerating Opportunity KS</i>						
81292 033 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	CC 324	Small J	24 of 24
<i>Accelerating Opportunity KS KBOR Seamless Transfer</i>						
81296 034 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	CC 316	Frazier C	20 of 20
<i>Accelerating Opportunity KS KBOR Seamless Transfer</i>						
81297 035 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	CC 229	Broomfield A	24 of 24
<i>Special Focus Accelerating Opportunity KS KBOR Seamless Transfer</i>						
81303 036 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	ATB 134	Workman C	25 of 25
<i>Accelerating Opportunity KS KBOR Seamless Transfer</i>						
81304 040 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	LIB 352	Alexander D	25 of 25
<i>KBOR Seamless Transfer Accelerating Opportunity KS</i>						
81305 041 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	ATB 132	Boyer J	25 of 25
<i>KBOR Seamless Transfer Accelerating Opportunity KS</i>						
81308 042 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	CC 329	Chapman C	24 of 24
<i>KBOR Seamless Transfer Accelerating Opportunity KS</i>						
81309 043 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	CC 324	Small J	24 of 24
<i>KBOR Seamless Transfer Accelerating Opportunity KS</i>						
81310 044 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	LIB 359	Haas K	20 of 20
<i>KBOR Seamless Transfer Accelerating Opportunity KS</i>						
81311 047 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	GEB 238	Bell S	20 of 20

This section's title is **Composition I Honors**.

*Honors Course
Accelerating Opportunity KS
KBOR Seamless Transfer*

Note: This is an honors section. Enrollment is by permission, requiring a minimum ACT score of 25 or a score of 90 or higher on the JCCC writing assessment test. Course objectives and competencies remain the same as for other Composition I classes, although the instructor may have selected different textbooks. For additional information and permission to enroll, please contact the honors office at either honors@jccc.edu or 913-469-8500 ext. 2434.

81312 048 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	ATB 132	Boyer J	25 of 25
<i>KBOR Seamless Transfer Accelerating Opportunity KS</i>						
81313 049 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	CC 329	Chapman C	24 of 24
<i>Accelerating Opportunity KS KBOR Seamless Transfer</i>						
81314 050 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	ATB 134	Workman C	25 of 25

Accelerating Opportunity KS
KBOR Seamless Transfer

81315 051 F2F M-W-F-- 01:00-01:50 PM 08/22/16-12/18/16 CC 314 Murtaugh D 25 of 25

Accelerating Opportunity KS
KBOR Seamless Transfer

81316 054 F2F M-W-F-- 02:00-02:50 PM 08/22/16-12/18/16 LIB 359 Skidmore P 20 of 20

Accelerating Opportunity KS
KBOR Seamless Transfer

81317 055 F2F M-W-F-- 02:00-02:50 PM 08/22/16-12/18/16 CC 314 Murtaugh D 25 of 25

Accelerating Opportunity KS
KBOR Seamless Transfer

81318 057 F2F M-W-F-- 03:00-04:20 PM 09/19/16-12/18/16 Faculty 25 of 25

KBOR Seamless Transfer
Accelerating Opportunity KS

81319 059 F2F M-W-F-- 04:00-04:50 PM 08/22/16-12/18/16 LIB 359 Skidmore P 20 of 20

Accelerating Opportunity KS
KBOR Seamless Transfer

81320 061 F2F M-W-F-- 05:00-05:50 PM 08/22/16-12/18/16 LIB 359 Skidmore P 20 of 20

Accelerating Opportunity KS
KBOR Seamless Transfer

81343 062 F2F M-W---- 04:00-06:50 PM 08/22/16-10/12/16 CC 215 Werkmeister S 22 of 22

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Accelerating Opportunity KS
KBOR Seamless Transfer

81321 065 F2F -T-R--- 08:00-09:15 AM 08/23/16-12/18/16 CC 314 Karle K 25 of 25

Accelerating Opportunity KS
KBOR Seamless Transfer

81322 066 F2F -T-R--- 08:00-09:50 AM 09/20/16-12/18/16 LIB 357 Bennett S 24 of 24

Accelerating Opportunity KS
KBOR Seamless Transfer

81323 069 F2F -T-R--- 09:30-10:45 AM 08/23/16-12/18/16 GP 102 Broomfield A 50 of 50

Enroll in both HIST 141 (CRN 81609)
Co-requisite to enroll in HIST 141 (CRN 81609)
Accelerating Opportunity KS HIST 141 (CRN 81609)
KBOR Seamless Transfer HIST 141 (CRN 81609)

81324 070 F2F -T-R--- 09:30-10:45 AM 08/23/16-12/18/16 ATB 134 Werkmeister S 25 of 25

Accelerating Opportunity KS
KBOR Seamless Transfer

81328 074 F2F -T-R--- 11:00-12:15 PM 08/23/16-12/18/16 ATB 133 Brannan R 25 of 25

Accelerating Opportunity KS
KBOR Seamless Transfer

81330 075 F2F -T-R--- 11:00-12:15 PM 08/23/16-12/18/16 CC 217 Rollins T 24 of 24

Accelerating Opportunity KS
KBOR Seamless Transfer

81332 076 F2F -T-R--- 11:00-12:15 PM 08/23/16-12/18/16 ATB 134 Werkmeister S 25 of 25

KBOR Seamless Transfer
Accelerating Opportunity KS

81334 077 F2F -T-R--- 11:00-12:15 PM 08/23/16-12/18/16 ATB 132 Jones N 25 of 25

KBOR Seamless Transfer
Accelerating Opportunity KS

81335 080 F2F -T-R--- 12:30-01:45 PM 08/23/16-12/18/16 CC 217 Rollins T 24 of 24

KBOR Seamless Transfer
Accelerating Opportunity KS

81336 081 F2F -T-R--- 12:30-01:45 PM 08/23/16-12/18/16 ATB 132 Jones N 25 of 25

Accelerating Opportunity KS

KBOR Seamless Transfer

81337	082 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	ATB 133	Brannan R	24 of 24
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KBOR Seamless Transfer

Accelerating Opportunity KS

81338	085 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	CC 122	Bennett S	25 of 25
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Accelerating Opportunity KS

KBOR Seamless Transfer

81339	087 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	LIB 357	Faculty	24 of 24
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Accelerating Opportunity KS

KBOR Seamless Transfer

81340	088 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	GEB 242	Senter M	25 of 25
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KBOR Seamless Transfer

Accelerating Opportunity KS

81341	089 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	CC 316	Faculty	20 of 20
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Accelerating Opportunity KS

KBOR Seamless Transfer

81342	091 F2F	-T-R---	03:30-04:45 PM	08/23/16-12/18/16	CC 122	Bennett S	24 of 24
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KBOR Seamless Transfer

Accelerating Opportunity KS


81344	095 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	ATB 132	Jones N	25 of 25
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Veteran's Focus

Accelerating Opportunity KS

KBOR Seamless Transfer

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.

81798	096 F2F	M-----	06:00-09:30 PM	09/12/16-12/18/16	 OHEC 143	Schaff P	24 of 24
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KBOR Seamless Transfer

Accelerating Opportunity KS

81346	098 F2F	-T-----	06:00-08:50 PM	08/23/16-12/18/16	ATB 132	Schaff P	25 of 25
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Accelerating Opportunity KS

KBOR Seamless Transfer

81347	099 F2F	-T-----	06:00-09:05 PM	09/06/16-12/18/16	 DSH	Devictor C	25 of 25
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Accelerating Opportunity KS

KBOR Seamless Transfer

81348	101 F2F	--W----	04:00-07:15 PM	09/07/16-12/18/16	 SMN	Jackson M	25 of 25
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Accelerating Opportunity KS

KBOR Seamless Transfer

81349	102 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	LIB 357	Geekie K	25 of 25
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Accelerating Opportunity KS

KBOR Seamless Transfer

81350	104 F2F	---R---	06:00-08:50 PM	08/25/16-12/18/16		Faculty	25 of 25
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KBOR Seamless Transfer

Accelerating Opportunity KS

81351	105 F2F	---R---	06:00-09:05 PM	09/08/16-12/18/16	 OHEC 143	Faculty	25 of 25
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KBOR Seamless Transfer

Accelerating Opportunity KS

81352	107 F2F	-----S-	08:00-10:50 AM	08/27/16-12/18/16	CC 215	Faculty	22 of 22
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KBOR Seamless Transfer

Accelerating Opportunity KS

81353	108 F2F	-----U	12:00-02:50 PM	08/28/16-12/18/16	CC 215	Faculty	22 of 22
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KBOR Seamless Transfer

Accelerating Opportunity KS

81354	350 ONLINE	-----	-	08/22/16-12/18/16	Online	Browning M	25 of 25
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Accelerating Opportunity KS

KBOR Seamless Transfer

81355	351 ONLINE	-----	-	08/22/16-12/18/16	Online	Davis D	25 of 25
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KBOR Seamless Transfer
Accelerating Opportunity KS

81356 352 ONLINE ----- - 08/22/16-12/18/16 **Online** Davis D 25 of 25

KBOR Seamless Transfer
Accelerating Opportunity KS

81357 353 ONLINE ----- - 08/22/16-12/18/16 **Online** Davis D 25 of 25

KBOR Seamless Transfer
Accelerating Opportunity KS

81358 354 ONLINE ----- - 08/22/16-12/18/16 **Online** Reynolds T 25 of 25

Accelerating Opportunity KS
KBOR Seamless Transfer

81359 355 ONLINE ----- - 08/22/16-12/18/16 **Online** Bell S 25 of 25

Accelerating Opportunity KS
KBOR Seamless Transfer

81360 356 ONLINE ----- - 08/22/16-12/18/16 **Online** Lycan B 25 of 25

KBOR Seamless Transfer
Accelerating Opportunity KS

81361 357 ONLINE ----- - 08/22/16-12/18/16 **Online** Cooper J 25 of 25

Accelerating Opportunity KS
KBOR Seamless Transfer

81362 358 ONLINE ----- - 08/22/16-12/18/16 **Online** Kern S 25 of 25

Accelerating Opportunity KS
KBOR Seamless Transfer

81363 359 ONLINE ----- - 08/22/16-12/18/16 **Online** Kern S 25 of 25

KBOR Seamless Transfer
Accelerating Opportunity KS

81364 360 ONLINE ----- - 08/22/16-12/18/16 **Online** Nelson J 25 of 25

KBOR Seamless Transfer
Accelerating Opportunity KS

81365 361 ONLINE ----- - 08/22/16-12/18/16 **Online** Heflin R 25 of 25

Accelerating Opportunity KS
KBOR Seamless Transfer

81366 362 ONLINE ----- - 08/22/16-12/18/16 **Online** Heflin R 25 of 25

Accelerating Opportunity KS
KBOR Seamless Transfer

81367 363 ONLINE ----- - 09/06/16-12/18/16 **Online** Cooper J 25 of 25

Accelerating Opportunity KS
KBOR Seamless Transfer

81368 364 ONLINE ----- - 09/19/16-12/18/16 **Online** Petrillo S 25 of 25

KBOR Seamless Transfer
Accelerating Opportunity KS

81369 365 ONLINE ----- - 09/19/16-12/18/16 **Online** Nelson J 25 of 25

Accelerating Opportunity KS
KBOR Seamless Transfer

81370 366 ONLINE ----- - 10/17/16-12/11/16 **Online** Workman C 25 of 25

KBOR Seamless Transfer
Accelerating Opportunity KS

81371 426 SEL ----- - 08/22/16-12/17/17 **Self Paced** Fitzpatrick M 20 of 20

Accelerating Opportunity KS
KBOR Seamless Transfer

Note: Enrollment for ENGL 121-426 starts on July 1 and ends on October 31, 2016 or until full. For more information and permission to enroll in this self-paced class, please contact Prof. Fitzpatrick at 913 469-8500, ext. 3739 or e-mail her at mfitzpat@ccc.edu.


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.

Credit Hours: 3

Prerequisite: ENGL 121

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81377 001 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	LIB 359	Broomfield A	20 of 20
<i>KBOR Seamless Transfer</i>						
81378 002 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	GEB 242	Carpenter W	25 of 25
<i>KBOR Seamless Transfer</i>						
81379 004 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	LIB 359	Broomfield A	20 of 20
<i>KBOR Seamless Transfer</i>						
81380 005 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	GEB 242	Carpenter W	25 of 25
<i>KBOR Seamless Transfer</i>						
81381 006 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	CC 217	Schmeer M	24 of 24
<i>KBOR Seamless Transfer</i>						
81382 009 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	CC 217	Schmeer M	24 of 24
<i>KBOR Seamless Transfer</i>						
81383 010 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	LIB 352	Alexander D	25 of 25
<i>KBOR Seamless Transfer</i>						
81384 011 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	GEB 242	Carpenter W	25 of 25
<i>KBOR Seamless Transfer</i>						
81385 012 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	LIB 359	Haas K	20 of 20
<i>KBOR Seamless Transfer</i>						
81386 015 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	CC 217	Schmeer M	20 of 20
This section's title is Composition II Honors .						
<i>Honors Course</i>						
<i>KBOR Seamless Transfer</i>						
Note: This is an honors section. Enrollment is by permission, requiring a minimum of a B in Composition I and a minimum GPA of 3.5. Course objectives and competencies remain the same as for other Composition II classes, although the instructor may have selected different textbooks. For additional information and permission to enroll, please contact the honors office at either honors@jccc.edu or 913-469-8500 ext. 2434.						
81387 017 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	ATB 134	Cantwell D	25 of 25
<i>KBOR Seamless Transfer</i>						
81389 018 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	GEB 242	Longfellow B	25 of 25
<i>KBOR Seamless Transfer</i>						
81390 019 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	LIB 352	Alexander D	25 of 25
<i>KBOR Seamless Transfer</i>						
81391 020 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	CC 217	Davis M	24 of 24
<i>KBOR Seamless Transfer</i>						
81392 022 F2F	M-W-F--	02:00-02:50 PM	08/22/16-12/18/16	CC 217	Davis M	24 of 24
<i>KBOR Seamless Transfer</i>						
81393 023 F2F	M-W-F--	02:00-02:50 PM	08/22/16-12/18/16	GEB 242	Longfellow B	25 of 25
<i>KBOR Seamless Transfer</i>						
81394 025 F2F	M-W-F--	03:00-03:50 PM	08/22/16-12/18/16	CC 217	Davis M	24 of 24
<i>KBOR Seamless Transfer</i>						
81395 027 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/18/16	CC 215	Pace A	22 of 22
<i>KBOR Seamless Transfer</i>						
81396 028 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/18/16	CC 217	Faculty	24 of 24
<i>KBOR Seamless Transfer</i>						

81397	030 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CC 314	Luthi G	25 of 25
<i>KBOR Seamless Transfer</i>							
81398	031 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	LIB 359	Fitzpatrick M	20 of 20
<i>KBOR Seamless Transfer</i>							
81399	032 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CC 217	Faculty	24 of 24
<i>KBOR Seamless Transfer</i>							
81400	034 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	CC 314	Luthi G	25 of 25
<i>KBOR Seamless Transfer</i>							
81401	035 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	LIB 359	Geekie K	20 of 20
<i>Special Focus</i>							
<i>KBOR Seamless Transfer</i>							
Note: This course will transfer to all colleges and universities as Composition II. This section will focus on writing related to professionals in law enforcement, including topics such as forensic science, witness narratives, constitutional protections, and images of police in popular culture. Course objectives and competencies will be the same as for other Composition II classes.							
81402	036 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	CC 329	Davis D	24 of 24
<i>KBOR Seamless Transfer</i>							
81403	039 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	CC 314	Davis D	25 of 25
<i>KBOR Seamless Transfer</i>							
81404	040 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	CC 130	Bell S	24 of 24
<i>KBOR Seamless Transfer</i>							
81405	041 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	CC 329	Alexander D	24 of 24
<i>KBOR Seamless Transfer</i>							
81406	042 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	CC 215	Brunner L	24 of 24
<i>KBOR Seamless Transfer</i>							
81407	045 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	CC 217	Jones N	24 of 24
<i>KBOR Seamless Transfer</i>							
81408	047 F2F	-T-R---	03:30-04:45 PM	08/23/16-12/18/16	LIB 359	Faculty	20 of 20
<i>KBOR Seamless Transfer</i>							
81409	050 F2F	M-----	06:00-09:30 PM	09/12/16-12/18/16	 OHEC 141	Funari A	24 of 24
<i>KBOR Seamless Transfer</i>							
81410	052 F2F	-T-----	06:00-08:50 PM	08/23/16-12/18/16	CC 314	Luthi G	25 of 25
<i>KBOR Seamless Transfer</i>							
81411	054 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	GEB 242	Koenigsdorf F	25 of 25
<i>KBOR Seamless Transfer</i>							
81412	350 ONLNE	-----	-	08/22/16-12/18/16	Online	Hogan Adams M	25 of 25
<i>KBOR Seamless Transfer</i>							
81413	351 ONLNE	-----	-	08/22/16-12/18/16	Online	Hogan Adams M	25 of 25
<i>KBOR Seamless Transfer</i>							
81414	352 ONLNE	-----	-	08/22/16-12/18/16	Online	Rollins T	25 of 25
<i>KBOR Seamless Transfer</i>							
81415	353 ONLNE	-----	-	08/22/16-12/18/16	Online	Rollins T	25 of 25
<i>KBOR Seamless Transfer</i>							
81416	354 ONLNE	-----	-	08/22/16-12/18/16	Online	Werkmeister S	25 of 25
<i>KBOR Seamless Transfer</i>							
81417	355 ONLNE	-----	-	08/22/16-12/18/16	Online	Dixon G	25 of 25
<i>KBOR Seamless Transfer</i>							
81418	356 ONLNE	-----	-	08/22/16-12/18/16	Online	Lycan B	25 of 25
<i>KBOR Seamless Transfer</i>							
81419	357 ONLNE	-----	-	08/22/16-12/18/16	Online	Lane J	25 of 25
<i>KBOR Seamless Transfer</i>							

81420 358 ONLINE ----- - 08/22/16-12/18/16 Online Lane J 25 of 25

KBOR Seamless Transfer

81422 360 ONLINE ----- - 09/06/16-12/18/16 Online Knight E 25 of 25

KBOR Seamless Transfer

81425 426 SEL ----- - 08/22/16-12/17/17 Self Paced Fitzpatrick M 20 of 20

KBOR Seamless Transfer

Note: Enrollment for ENGL 122-426 starts July 1 and ends October 31, 2016 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/coursedescriptions/engl/#ENGL_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81224 002 F2F	-T-R--	09:30-10:45 AM	08/23/16-12/18/16	CC 215	McWard J	22 of 22
81225 004 F2F	-T-R--	11:00-12:15 PM	08/23/16-12/18/16	CC 215	McWard J	22 of 22
81226 006 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	CC 217	Schmeer M	24 of 24
81227 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Hogan Adams M	25 of 25
81228 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Hogan Adams M	25 of 25

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.

Credit Hours: 3

Prerequisite: ENGL 121

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81229 002 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	CC 215	Hodgkin J	22 of 22
KBOR Seamless Transfer						
81230 005 F2F	-T-R--	12:30-01:45 PM	08/23/16-12/18/16	ATB 134	Reynolds T	25 of 25
KBOR Seamless Transfer						
81231 008 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	CC 312	Alexander D	25 of 25
KBOR Seamless Transfer						
81232 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Restivo P	25 of 25
KBOR Seamless Transfer						
81233 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Restivo P	25 of 25
KBOR Seamless Transfer						

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 \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_140\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81234 002 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	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 \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_150\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81235 002 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	LIB 359	Schmeer M	18 of 18

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 \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_217\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_217)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81236 350 ONLINE	-----	-	08/22/16-12/18/16	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 \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_222\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_222)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81237 002 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	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 \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_223\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_223)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81238 002 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	CC 314	Luthi G	25 of 25
81239 005 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	CC 130	Bell S	25 of 25
81240 008 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	CC 314	Luthi G	25 of 25

ENGL 227 - Introduction to Poetry

This course emphasizes close reading and analysis of poetry by writers from different time periods, countries, and ethnic backgrounds. Students will study terms, patterns, and forms that are useful for an understanding and appreciation of poetic verse. The course will cover major literary, historical, and cultural movements as they relate to poetry. Students will be introduced to major classical and contemporary American and English poets, along with contemporary foreign-language poetry in translation. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 122

[Outline \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_227\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_227)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81241 002 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	ATB 134	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 \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_230\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81242 001 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	ATB 134	Cantwell D	25 of 25
81243 003 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	GEB 242	Browning M	24 of 24
81244 005 F2F	M-W----	07:00-09:50 PM	10/17/16-12/11/16		Faculty	25 of 25
81800 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Davis D	25 of 25

ENGL 232 - Children's Literature

Children's Literature is meant for all students interested in bringing children and books together but is especially suited for those who are students with English or education majors; teachers already in the elementary school classroom; parents; those working with children in preschools, day-care centers and libraries; and grandparents and prospective parents. The course would also benefit those exploring the field of writing and illustrating for children. Students will identify children's

needs and interests, list the criteria for choosing books for children, and demonstrate the means by which we can bring children and books together. Students will read, examine and critique a variety of children's literature selected by author, genre and historical time period. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$20 to 50

Prerequisite: ENGL 122

[Outline \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_232\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_232)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81245 001 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	GEB 242	Senter M	25 of 25
81246 003 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	GEB 242	Senter M	25 of 25
81247 005 F2F	-T-----	06:00-08:50 PM	08/23/16-12/18/16	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 \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_235\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81248 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Werkmeister S	25 of 25

ENGL 236 - British Literature I

In this survey course, the student will study British literature written up to 1800, ranging from the Anglo-Saxon to the Augustan eras, including works by major authors, such as Chaucer, Shakespeare, Milton, and Swift. The course will emphasize the relationships among influential writers, their lives and times. Additionally, the student will explore the literary differences between the British culture and one other culture that was governed by the British Empire. Such non-British literary works may be from Australia, India, Asia, and various regions of Africa, or the Middle East. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 122

[Outline \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_236\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_236)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81249 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Werkmeister 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.

Credit Hours: 3

Prerequisite or corequisite: ENGL 122

[Outline \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_243\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_243)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81250 001 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	ATB 132	Davis D	25 of 25

ENGL 246 - American Literature I

This survey course is a stand-alone course that presents a series of literary works by American writers that reflects the attitudes and identity of our national literature and culture from the pre-Colonial Period through the post-Civil War era. By grappling with the ideas and characterizations presented in each assigned literary work, the student develops meaningful insights into the attitudes and human conditions that have influenced America's national literary identity. 3hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 122

[Outline \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_246\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_246)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81251 350 ONLINE	-----	-	08/22/16-12/18/16	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 \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_250\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81252 001 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16		Faculty	25 of 25

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 \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_254\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_254)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81253 002 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	CC 324	McWard J	24 of 24
81254 350 ONLINE	-----	-	08/22/16-12/18/16	Online	McWard J	25 of 25

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 \(http://catalog.jccc.edu/coursedescriptions/engr/#ENGR_131\)](http://catalog.jccc.edu/coursedescriptions/engr/#ENGR_131) [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80277 001 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	ITC 181	Johnson S	20 of 20
	Lab -----	-	08/23/16-12/18/16	ITC 124		

ENGR 251 - Statics

Upon successful completion of this course, the student should be able to describe and predict the conditions of rest and motion of bodies under the action of forces. The principles used will include vectors, force systems, equilibrium, free body diagram, centroids, moments of inertia, trusses, frame, and shear and moment diagrams. This course is typically offered in the summer and fall semesters. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: MATH 242 and Prerequisite or Corequisite: PHYS 220

[Outline \(http://catalog.jccc.edu/coursedescriptions/engr/#ENGR_251\)](http://catalog.jccc.edu/coursedescriptions/engr/#ENGR_251)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80278 001 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	ITC 181	Johnson S	20 of 20

Entrepreneurship

ENTR 120 - Introduction to Entrepreneurship

The student will understand the role of entrepreneurial businesses in the United States and the impact on our national and global economy. The student will evaluate the skills and commitment necessary to successfully operate an entrepreneurial venture. Additionally, the student will review the challenges and rewards of entrepreneurship as a career choice as well as entrance strategies to accomplish such a choice. 2 hrs. lecture/wk.

Credit Hours: 2

[Outline \(http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_120\)](http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80325 001 F2F	-T-----	02:00-05:10 PM	08/23/16-10/11/16	RC 342	Duffey D	16 of 16
Note: This section runs during the 1st 8 weeks of the semester on the dates shown above.						
80326 002 F2F	---R---	06:00-09:00 PM	10/20/16-12/08/16	RC 342	Magnant J	16 of 16
Note: This section runs during the 2nd 8 weeks of the semester on the dates shown above.						
80327 350 ONLINE	-----	-	08/22/16-10/16/16	Online	Grandgenett C	20 of 20
Note: This section runs during the 1st 8 weeks of the semester on the dates shown above.						
80328 351 ONLNE	-----	-	10/17/16-12/11/16	Online	Grandgenett C	20 of 20
Note: This section runs during the 2nd 8 weeks of the semester on the dates shown above.						

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 \(http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_130\)](http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80329 001 F2F	M-----	12:00-03:45 PM	10/03/16-12/05/16	RC 342	Duffey D	16 of 16
80330 002 F2F	-T-----	06:00-09:45 PM	09/06/16-11/08/16	RC 342	Magnant J	16 of 16
80331 003 F2F	----F--	05:00-09:30 PM	09/30/16-10/14/16	RC 342	Magnant J	16 of 16
	-----S-	08:00-05:00 PM	10/01/16-10/15/16	RC 342		

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 \(http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_142\)](http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_142)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80333 351 ONLNE	-----	-	10/03/16-12/11/16	Online	Addesi J	18 of 18
	M-----	07:00-09:00 PM	10/10/16-10/10/16	RC 342		

*Co-requisite to enroll in
Mandatory Classroom Meetings*

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 \(http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_160\)](http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80334 001 F2F	---R---	06:00-09:10 PM	08/25/16-10/13/16	RC 342	Magnant J	16 of 16

Kansas Senate Bill SB 155
Note: This section runs during the 1st 8 weeks of the semester on the dates shown above.

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 \(http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_180\)](http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80336 002 F2F	-T-----	02:00-05:10 PM	10/18/16-12/06/16	RC 342	Duffey D	16 of 16

Co-requisite to enroll in
Note: This section runs during the 2nd 8 weeks of the semester on the dates shown above.

80335 350 ONLNE	-----	-	08/22/16-10/16/16	Online	Izard M	16 of 16
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Co-requisite to enroll in
Note: This section runs during the 1st 8 weeks of the semester on the dates shown above.

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 \(http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_210\)](http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80338 500 INT	-----	-	08/22/16-12/18/16		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 \(http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_215\)](http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80339 500 INT	-----	-	08/22/16-12/18/16		Duffey D	25 of 25

ENTR 225 - Family Business

Upon successful completion of this course, the student will gain the knowledge and skills needed for the successful management and leadership of a family enterprise by exploring a diverse set of family firms, examining the interrelationships among the owners, the family, and the management team. The student will analyze the management and family practices that ensure success while recognizing the advantages and challenges facing family enterprises. Emphasis is placed on positioning the family enterprise for sustained growth and continuity through generations. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_225\)](http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80340 351 ONLNE	-----	-	09/05/16-12/18/16	Online	Grandgenett C	20 of 20

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 \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH_121\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80229 001 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	OCB 374	Faculty	22 of 22
<i>Kansas Senate Bill SB 155</i>						
80230 002 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	OCB 374	Faculty	22 of 22
<i>Kansas Senate Bill SB 155</i>						
80231 003 F2F	M-W----	12:00-01:25 PM	08/29/16-12/18/16	OCB 374	Faculty	Full
<i>Kansas Senate Bill SB 155</i>						
80232 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	20 of 20
<i>Kansas Senate Bill SB 155</i>						

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 \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH_122\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80233 001 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	OCB 374	Faculty	18 of 18
<i>Kansas Senate Bill SB 155</i>						
80234 002 F2F	-T-R---	09:30-10:50 AM	08/23/16-12/18/16	OCB 374	Faculty	18 of 18
<i>Kansas Senate Bill SB 155</i>						

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 \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH_123\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80239 001 F2F	M-W----	11:00-01:50 PM	08/22/16-12/18/16	OCB 343A	Faculty	6 of 6
<i>Kansas Senate Bill SB 155</i>						
80235 002 F2F	M-W----	02:00-04:59 PM	08/29/16-12/18/16	OCB 343A	Faculty	12 of 12
<i>Kansas Senate Bill SB 155</i>						
80236 003 F2F	-T-R---	01:00-03:50 PM	08/23/16-12/18/16	OCB 343A	Faculty	6 of 6
<i>Kansas Senate Bill SB 155</i>						
80237 004 F2F	-T-R---	06:00-08:50 PM	08/23/16-12/18/16	OCB 343A	Faculty	6 of 6
<i>Kansas Senate Bill SB 155</i>						
80238 005 F2F	-----S-	09:00-03:30 PM	08/27/16-12/18/16	OCB 343A	Faculty	12 of 12
<i>Kansas Senate Bill SB 155</i>						

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 \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH_124\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80291 001 F2F	M-W----	11:00-01:50 PM	08/22/16-12/18/16	OCB 343A	Faculty	6 of 6
<i>Kansas Senate Bill SB 155</i>						
80292 002 F2F	-T-R---	01:00-03:50 PM	08/23/16-12/18/16	OCB 343A	Faculty	6 of 6
<i>Kansas Senate Bill SB 155</i>						
80293 003 F2F	-T-R---	06:00-08:50 PM	08/23/16-12/18/16	OCB 343A	Faculty	6 of 6
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/fash/#FASH_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80295 001 F2F	-T-R---	11:00-12:20 PM	08/23/16-12/18/16	GEB 354	Faculty	12 of 12

Kansas Senate Bill SB 155

80296 002 F2F	-T-----	02:00-04:50 PM	08/23/16-12/18/16	GEB 354	Faculty	12 of 12
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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/coursedescriptions/fash/#FASH_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80297 001 F2F	-T-R---	02:00-04:50 PM	08/23/16-12/18/16	OCB 374	Faculty	12 of 12

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/coursedescriptions/fash/#FASH_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80298 001 F2F	M-W----	01:30-02:50 PM	08/22/16-12/18/16	OCB 374	Faculty	16 of 16

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 \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH_131\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80299 001 F2F	M-W----	02:00-04:50 PM	08/22/16-12/18/16	GEB 354	Faculty	12 of 12
<i>Kansas Senate Bill SB 155</i>						
80300 002 F2F	-T-R---	06:00-08:50 PM	08/23/16-12/18/16	GEB 354	Faculty	12 of 12
<i>Kansas Senate Bill SB 155</i>						

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 \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH_133\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_133)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80301 001 F2F	-T-R---	12:30-01:50 PM	08/23/16-12/18/16	OCB 374	Faculty	17 of 17
<i>Kansas Senate Bill SB 155</i>						

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 \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH_135\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80302 001 F2F	---R---	02:00-04:50 PM	09/02/16-10/07/16	GEB 354	Faculty	15 of 15
<i>Kansas Senate Bill SB 155</i>						
80303 002 F2F	--W----	06:00-08:50 PM	09/21/16-10/19/16	GEB 354	Faculty	15 of 15
<i>Kansas Senate Bill SB 155</i>						

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 \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH_143\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_143)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80304 001 F2F	----F--	11:00-05:00 PM	08/26/16-12/18/16	OCB 343A	Faculty	6 of 6

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 \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH_150\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80305 001 F2F	-T-R---	05:00-06:20 PM	08/23/16-12/18/16	OCB 374	Faculty	12 of 12

Kansas Senate Bill SB 155

80306 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Faculty	25 of 25
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Kansas Senate Bill SB 155

FASH 180 - 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

[Outline \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH_180\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80307 001 F2F	-T-R---	09:00-10:50 AM	08/23/16-12/18/16	OCB 343A	Faculty	12 of 12

Kansas Senate Bill SB 155

81984 002 F2F	--W----	05:00-08:50 PM	08/24/16-12/14/16	OCB 343A	Faculty	12 of 12
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Kansas Senate Bill SB 155

FASH 190 - Apparel Fit, Alterations and Analysis

Upon successful completion of this course, the student should be able to analyze and detect common fit problems in various types of garments and apply the knowledge of construction and pattern making to make changes and solve problems. The class will use a combination of lecture, demonstration and hands on experience to teach the skills necessary for pattern alteration to reach desired fit criteria. 4 hrs. Integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$100

Prerequisites: FASH 124 and FASH 131

[Outline \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH_190\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_190)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80308 001 F2F	-T-R---	11:00-12:50 PM	08/23/16-12/18/16	OCB 343A	Faculty	11 of 11

Kansas Senate Bill SB 155

FASH 201 - Advanced Garment Alterations

Upon successful completion of this course, the student should be able to apply garment construction principles, techniques and skills in apparel construction and tailoring to formal wear and/or evening garments in need of resizing or repair. The class will use lecture, demonstration and hands-on experience to teach the skills needed to plan and execute the adjustments necessary to re-size formal and evening garments to a particular body. 6 hrs. Integrated lecture, lab/wk.

Credit Hours: 4

Associated Costs: \$100 to \$200

Prerequisite: FASH 143 and FASH 190

[Outline \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH_201\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_201)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80309 001 F2F	----F--	09:30-10:30 AM	08/26/16-12/18/16	OCB 343A	Faculty	4 of 4

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 \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH_224\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_224)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80310 001 F2F	-T-R---	12:30-01:50 PM	08/23/16-12/18/16	GEB 354	Faculty	18 of 18
80311 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Faculty	22 of 22

FASH 242 - Product Knowledge for Merchandisers

Upon successful completion of this course, the student should be able to evaluate a wide range of textile and nontextile products, from diamonds to table top, on the basis of specialized product knowledge. In addition, the student should be able to research brands. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH_242\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_242)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80312 001 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	GEB 354	Faculty	18 of 18

Kansas Senate Bill SB 155

FASH 270 - Apparel Product Development

Upon successful completion of this course, students should be able to develop original garment design ideas from initial concept through to production. This includes translating market trend research, creating inspiration and concept presentation boards and continuing the design process through fabric selection and developing original patterns for first samples using flat pattern drafting and draping techniques. Students will calculate costing for their garments and develop detailed specification packages. 4 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$100

Prerequisites: FASH 123 and FASH 130 and FASH 131 and FASH 133

[Outline \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH_270\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80313 001 F2F	M-W----	09:00-10:50 AM	08/22/16-12/18/16	OCB 343A	Faculty	12 of 12

Kansas Senate Bill SB 155

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 \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH_277\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_277)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80314 001 F2F	M-W----	09:00-09:50 AM	08/22/16-12/18/16	GEB 354	Faculty	18 of 18

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 \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH_283\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_283)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80315 500 INT	-----	-	08/22/16-12/18/16		Rhodes J	30 of 30

Kansas Senate Bill SB 155

FASH 284 - Fashion Internship II

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. The student will receive 225 hours of work experience in an approved training situation designed to provide practical experience in the fashion industry. An average of 15 hours on-the-job training/wk.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH_284\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_284)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80316 501 INT	-----	-	08/22/16-12/18/16		Rhodes 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 \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH_285\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_285)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80317 502 INT	-----	-	08/22/16-12/18/16		Rhodes J	10 of 10

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 \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH_286\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_286)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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Fire Services Administration

FIRE 120 - Fire Academy



This course provides cognitive, psychomotor and affective instruction for those students seeking certification as a firefighter in the state of Kansas. The class covers hazardous materials (first responder; operations level), fire department communications, fire ground operations, rescue operations and prevention, preparedness and maintenance, and physical agility (CPAT). Upon successful completion of the cognitive examinations and all psychomotor skills evaluations, students will be allowed to sit for the Kansas Fire Fighter I and II state certification examinations, which are administrated by the University of Kansas, Fire and Rescue Training Institute. 15 hrs. integrated lecture/lab/wk. This course is typically taught in the fall and spring semesters only.

Credit Hours: 12

Associated Costs: \$350

Prerequisite: HPER 240 and department approval (Selective Application, call 913-895-8405 for more information)

[Outline \(http://catalog.jccc.edu/coursedescriptions/fire/#FIRE_120\)](http://catalog.jccc.edu/coursedescriptions/fire/#FIRE_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81442 001 F2F	-TWR---	05:30-09:10 PM	08/23/16-12/18/16	 OPF	Wigginton T Mosher F Wickersheim D Barnum E Miller T Stapp J	24 of 24
	-----S-	08:30-12:30 PM	08/27/16-12/18/16	 OPF		

Kansas Senate Bill SB 155

Requirement: Department approval

FIRE 162 - Firefighting Tactics

Strategy and tactics are essential competencies required to mitigate fires. This course is designed to prepare a fire officer to be able to provide tactics at a structure fire, fully utilizing available resources in a safe and efficient manner. 3 hrs. lecture/wk. This course is typically taught in the fall semester.

Credit Hours: 3

Prerequisite: FIRE 110 or FIRE 120

[Outline \(http://catalog.jccc.edu/coursedescriptions/fire/#FIRE_162\)](http://catalog.jccc.edu/coursedescriptions/fire/#FIRE_162)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81443 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Faculty	25 of 25

Kansas Senate Bill SB 155

FIRE 220 - Fire Management

This course will involve the student in learning proper methods of supervision and the duties of a fire department first line manager. It will encompass supervisory techniques as well as various management theories. This course will assist the student in the application of techniques and the practical use of management theories in the role as a fire service manager. 3 hrs. lecture/wk. This course is typically taught in the fall semester.

Credit Hours: 3

Prerequisite: FIRE 110 or FIRE 120

[Outline \(http://catalog.jccc.edu/coursedescriptions/fire/#FIRE_220\)](http://catalog.jccc.edu/coursedescriptions/fire/#FIRE_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81444 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Faculty	25 of 25

Kansas Senate Bill SB 155

FIRE 222 - Fire Science Law

The law as it pertains to the fire service will be explained, along with tort law and business law. 3 hrs. lecture/wk. This course is typically taught in the fall semester.

Credit Hours: 3

Prerequisite: FIRE 110 or FIRE 120

[Outline \(http://catalog.jccc.edu/coursedescriptions/fire/#FIRE_222\)](http://catalog.jccc.edu/coursedescriptions/fire/#FIRE_222)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81445 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Faculty	25 of 25

Kansas Senate Bill SB 155

Foreign Language

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 \(http://catalog.jccc.edu/coursedescriptions/fl/#FL_120\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82105 001 F2F	M-W-F--	10:00-11:25 AM	08/22/16-12/18/16		Faculty	24 of 24
82107 002 F2F	M-W-F--	02:00-03:25 PM	08/22/16-12/18/16	CC 323	McDonald T	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 \(http://catalog.jccc.edu/coursedescriptions/fl/#FL_130\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82150 001 F2F	MTWRF--	09:00-09:50 AM	08/22/16-12/18/16	CC 323	Faculty	24 of 24
<i>KBOR Seamless Transfer</i>						
82151 002 F2F	M-W-F--	08:00-09:25 AM	08/22/16-12/18/16	CC 224	Stephenson K	24 of 24
<i>KBOR Seamless Transfer</i>						
82152 003 F2F	M-W-F--	09:30-10:55 AM	08/22/16-12/18/16	CC 224	Stephenson K	24 of 24
<i>KBOR Seamless Transfer</i>						
82153 004 F2F	M-W-F--	12:00-01:25 PM	08/22/16-12/18/16	CC 224	Stephenson K	24 of 24
<i>KBOR Seamless Transfer</i>						
82155 006 F2F	M-W-F--	02:00-03:25 PM	08/22/16-12/18/16	CC 224	Sommerville S	24 of 24
<i>KBOR Seamless Transfer</i>						
82156 007 F2F	M-W----	06:00-08:10 PM	08/22/16-12/18/16	CC 318	Faculty	24 of 24
<i>KBOR Seamless Transfer</i>						
82157 008 F2F	-T-R---	08:30-10:45 AM	08/23/16-12/18/16	CC 224	Alvarez L	24 of 24
<i>KBOR Seamless Transfer</i>						
82158 009 F2F	-T-R---	12:00-02:10 PM	08/23/16-12/18/16	CC 224	Alvarez L	24 of 24
<i>KBOR Seamless Transfer</i>						
82159 010 F2F	-T-R---	02:20-04:30 PM	08/23/16-12/18/16	CC 224	Faculty	24 of 24
<i>KBOR Seamless Transfer</i>						

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 \(http://catalog.jccc.edu/coursedescriptions/fl/#FL_131\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82135 001 F2F	MTWRF--	11:00-11:50 AM	08/22/16-12/18/16	CC 224	Wolff C	24 of 24
<i>KBOR Seamless Transfer</i>						
82136 002 F2F	M-W-F--	02:00-03:25 PM	08/22/16-12/18/16	CC 332	Faculty	25 of 25
<i>KBOR Seamless Transfer</i>						
82137 003 F2F	-T-R---	06:00-08:10 PM	08/23/16-12/18/16	GEB 281	Faculty	22 of 22
<i>KBOR Seamless Transfer</i>						

FL 135 - Basic Spanish for Hospitality Management

This course is designed to provide students with basic Spanish for a career in the hospitality industry. The course covers greetings, courtesy phrases and terminology related to hotels, kitchens and restaurants. Students will learn phrases to effectively interact with Spanish-speaking staff. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/fl/#FL_135\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82112 001 F2F	M-----	03:00-05:50 PM	08/22/16-12/18/16	CC 216	Faculty	24 of 24

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 \(http://catalog.jccc.edu/coursedescriptions/fl/#FL_140\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82128 001 F2F	M-W-F--	10:00-11:25 AM	08/22/16-12/18/16	CC 323	Verzhbyska I	24 of 24
<i>KBOR Seamless Transfer</i>						
82132 002 F2F	-T-R---	12:30-02:40 PM	08/23/16-12/18/16	CC 323	Perriguet-Keene H	24 of 24
<i>KBOR Seamless Transfer</i>						

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 \(http://catalog.jccc.edu/coursedescriptions/fl/#FL_141\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82133 001 F2F	M-W-F--	12:00-01:25 PM	08/22/16-12/18/16	CC 323	Faculty	24 of 24

FL 150 - Elementary Russian I

In this course, students will learn the basic sounds, vocabulary and structural patterns of Russian. Emphasis will be on listening comprehension, speaking, reading and writing skills. Cultural material will be included. 5 hrs. lecture/wk.

Credit Hours: 5

[Outline \(http://catalog.jccc.edu/coursedescriptions/fl/#FL_150\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82113 001 F2F	M-W-F--	09:00-10:25 AM	08/22/16-12/18/16		Scanlan T	24 of 24

FL 165 - Elementary Chinese I

This course will introduce students to the basic sounds, vocabulary, grammar and usage, characters and reading of the Chinese language. The emphasis will be on developing basic conversational skills. Students will develop an understanding and appreciation of Chinese culture. 5 hrs. lecture/wk.

Credit Hours: 5

[Outline \(http://catalog.jccc.edu/coursedescriptions/fl/#FL_165\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82121 001 F2F	MTWRF--	08:00-08:50 AM	08/22/16-12/18/16	GEB 281	Yuan D	22 of 22

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 \(http://catalog.jccc.edu/coursedescriptions/fl/#FL_170\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_170)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82141 001 F2F	MTWRF--	10:00-10:50 AM	08/22/16-12/18/16	GEB 281	Rumbach K	22 of 22
82142 002 F2F	M-W-F--	02:00-03:25 PM	08/22/16-12/18/16	GEB 281	Daugherty D	22 of 22
82143 003 F2F	-T-R---	06:00-08:10 PM	08/23/16-12/18/16	CC 323	James E	24 of 24

FL 171 - Elementary Japanese II

A continuation of Elementary Japanese I, this course will emphasize the sounds, vocabulary, grammar, usage and reading of the Japanese language. Focus is on developing more advanced conversational skills and cultural understanding. This course is typically taught in the spring semester. 5 hrs. lecture/wk.

Credit Hours: 5

Prerequisite: FL 170 or one year of high-school Japanese

[Outline \(http://catalog.jccc.edu/coursedescriptions/fl/#FL_171\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_171)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82145 001 F2F	M-W-F--	12:00-01:25 PM	08/22/16-12/18/16	SCI 120	Daugherty D	24 of 24
82146 002 F2F	M-W----	06:00-08:10 PM	08/22/16-12/18/16	CC 323	Nadtochiy N	24 of 24

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 \(http://catalog.jccc.edu/coursedescriptions/fl/#FL_180\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82401 001 F2F	M-W-F--	01:00-02:50 PM	08/22/16-12/18/16	GEB 311	Kuhns K	15 of 15
<i>Kansas Senate Bill SB 155</i>						
82402 002 F2F	M-W----	06:00-08:50 PM	08/22/16-12/18/16	GEB 215	Horn-Marsh P	15 of 15
<i>Kansas Senate Bill SB 155</i>						
82403 003 F2F	-T-R---	11:00-01:50 PM	08/23/16-12/18/16	GEB 311	Symansky R	15 of 15
<i>Kansas Senate Bill SB 155</i>						
82404 004 F2F	-T-R---	02:00-04:50 PM	08/23/16-12/18/16	GEB 311	Kuhns K	15 of 15
<i>Kansas Senate Bill SB 155</i>						
82405 005 F2F	-T-R---	06:00-08:50 PM	08/23/16-12/18/16	CC 312	Gabel S	15 of 15
<i>Kansas Senate Bill SB 155</i>						

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 \(http://catalog.jccc.edu/coursedescriptions/fl/#FL_181\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_181)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82406 001 F2F	M-W-F--	02:00-03:50 PM	08/22/16-12/18/16	GEB 215	Faculty	15 of 15
<i>Kansas Senate Bill SB 155</i>						
82407 002 F2F	-T-R---	06:00-08:50 PM	08/23/16-12/18/16	GEB 311	Gwynn T	15 of 15
<i>Kansas Senate Bill SB 155</i>						

FL 182 - Intermediate Japanese I

This course continues the study of Japanese language and culture, emphasizing the sounds, vocabulary, grammar, usage and readings of the Japanese language. The course concentrates on developing further advanced conversational skills by increasing vocabulary and variety of sentence patterns. Cultural understanding will also be stressed. This course is typically taught in the fall semester. 5 hrs. lecture/wk.

Credit Hours: 5

Prerequisite: FL 171 or two years of high-school Japanese and department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/fl/#FL_182\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_182)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82147 001 F2F	MTWRF--	09:00-09:50 AM	08/22/16-12/18/16	GEB 281	Rumbach K	22 of 22
Requirement: Department approval						
82148 002 F2F	M-W----	06:00-08:10 PM	08/22/16-12/18/16	CC 324	James E	24 of 24

FL 220 - Intermediate German I

This class will emphasize vocabulary building and grammar review primarily through extensive reading of German texts. There will be additional practice in listening comprehension, speaking and writing. Placement test recommended: can be taken at the Testing Center. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: FL 121 or two years of high-school German

[Outline \(http://catalog.jccc.edu/coursedescriptions/fl/#FL_220\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82109 001 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	GEB 311	McDonald T	24 of 24

FL 230 - Intermediate Spanish I

This course refines grammar, builds vocabulary, increases understanding of Hispanic culture, and provides practice designed to improve speaking fluency. It includes composition and conversation. Placement test recommended: can be taken at the Testing Center. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: FL 131 with a grade of "C" or higher or three years of high-school Spanish or the appropriate score on the placement test

[Outline \(http://catalog.jccc.edu/coursedescriptions/fl/#FL_230\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82138 001 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	GEB 281	Alvarez L	22 of 22
<i>KBOR Seamless Transfer</i>						
82139 002 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	GEB 281	Faculty	22 of 22
<i>KBOR Seamless Transfer</i>						
82140 003 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	GEB 281	Faculty	22 of 22
<i>KBOR Seamless Transfer</i>						

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 \(http://catalog.jccc.edu/coursedescriptions/fl/#FL_231\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82123 001 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	GEB 281	Faculty	22 of 22
82126 002 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	GEB 281	Faculty	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 \(http://catalog.jccc.edu/coursedescriptions/fl/#FL_234\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_234)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82110 001 F2F	M-W----	12:00-12:50 PM	08/22/16-12/18/16	GEB 281	Faculty	15 of 15

FL 240 - Intermediate French I

In this course, students begin a more in-depth study of French grammar and vocabulary as they improve their mastery of the four communicative skills (listening, speaking, reading and writing). Reading assignments (from literary, journalistic and Internet sources) will be more advanced and writing assignments will be more extensive at the Intermediate level. Placement test recommended: can be taken at the Testing Center. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: FL 141 or two years of high-school French

Outline (http://catalog.jccc.edu/coursedescriptions/fl/#FL_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82134 001 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	CC 323	Verzhbytka I	24 of 24

FL 270 - Intermediate American Sign Language I

This course will focus on the development of intermediate American Sign Language communication skills. Emphasis will be on teaching in context comprehension skills and linguistic features of the language. 6 hrs. integrated lecture/lab/wk. INTR 122, FL 270 and ASL 122 are the same courses; only enroll in one.

Note: FL 270 and INTR 122 are the same course, do not enroll in both.

Credit Hours: 3

Associated Costs: \$10 to 40

Prerequisite: FL 181 or INTR 121

Outline (http://catalog.jccc.edu/coursedescriptions/fl/#FL_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82409 001 F2F	M-W----	06:00-08:50 PM	08/22/16-12/18/16	GEB 311	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/coursedescriptions/fl/#FL_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82410 001 F2F	M-W----	06:00-08:50 PM	08/22/16-12/18/16	ATB 147	Faculty	15 of 15

Kansas Senate Bill SB 155

Floriculture

FLR 130 - Principles of Traditional Design

This course teaches the guidelines and basics of floral design. These principles are known as balance, composition, harmony, focal point, proportion, line, rhythm, texture, form, space, and color. The course will help the students develop an eye for color combinations, flow of lines, perspectives and the post-harvest care of floral materials. Recommendations are made that pertain to receiving, unpacking and processing the flowers. Methods of conditioning, hardening, and forcing flowers and use of preservatives are illustrated. 2 hrs. lecture 3 hrs. instructional lab/wk.

Credit Hours: 3

Associated Costs: \$100

[Outline \(http://catalog.jccc.edu/coursedescriptions/flr/#FLR_130\)](http://catalog.jccc.edu/coursedescriptions/flr/#FLR_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80529 001 F2F	-T-----	09:00-10:50 AM	08/23/16-12/18/16	HSC 121	Ryan D	20 of 20
	---R---	09:00-11:50 AM	08/25/16-12/18/16	HSC 124		

Kansas Senate Bill SB 155

FLR 150 - Contemporary Design Styles

This course will focus on contemporary, Asian, and current trends in floral design. The course will help students develop their skills in asymmetrical balance, negative space, focal point, dramatic lines. Also included is the history of oriental design, cutting edge design, twigs, branches, pods to be used for textures, bold color schemes, and further discussion of the "less is more" concept. 2 hrs lecture, 3 instructional lab hrs/wk.

Credit Hours: 3

Associated Costs: \$100

[Outline \(http://catalog.jccc.edu/coursedescriptions/flr/#FLR_150\)](http://catalog.jccc.edu/coursedescriptions/flr/#FLR_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80530 001 F2F	-T-----	12:00-01:50 PM	08/23/16-12/18/16	HSC 121	Ryan D	20 of 20
	---R---	12:00-02:50 PM	08/25/16-12/18/16	HSC 124		

Kansas Senate Bill SB 155

Game Development

Missouri residents, see Reverse Cooperative Information (<http://www.jccc.edu/academics/cooperative/missouri-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 \(http://catalog.jccc.edu/coursedescriptions/game/#GAME_102\)](http://catalog.jccc.edu/coursedescriptions/game/#GAME_102)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82463 001 F2F	M-W----	03:00-04:15 PM	08/22/16-12/18/16	RC 361	Faculty	17 of 17
82464 002 F2F	-T-R---	06:00-07:15 PM	08/23/16-12/18/16	RC 378	Faculty	18 of 18

Kansas Senate Bill SB 155

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 \(http://catalog.jccc.edu/coursedescriptions/game/#GAME_104\)](http://catalog.jccc.edu/coursedescriptions/game/#GAME_104)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82465 001 F2F	M-----	10:00-10:50 AM	08/22/16-12/18/16	RC 378	Faculty	18 of 18
<i>Kansas Senate Bill SB 155</i>						
82466 002 F2F	--W----	10:00-10:50 AM	08/24/16-12/18/16	RC 378	Faculty	18 of 18
<i>Kansas Senate Bill SB 155</i>						
82467 003 F2F	----F--	11:00-11:50 AM	08/26/16-12/18/16	RC 378	Faculty	18 of 18
<i>Kansas Senate Bill SB 155</i>						

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 \(http://catalog.jccc.edu/coursedescriptions/game/#GAME_105\)](http://catalog.jccc.edu/coursedescriptions/game/#GAME_105)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82468 001 F2F	M-W----	11:00-12:15 PM	08/22/16-12/18/16	RC 378	Faculty	18 of 18
<i>Kansas Senate Bill SB 155</i>						
82469 002 F2F	M-W----	02:00-03:15 PM	08/22/16-12/18/16	RC 378	Faculty	18 of 18
<i>Kansas Senate Bill SB 155</i>						
82470 003 F2F	M-W----	06:00-07:15 PM	08/22/16-12/18/16	RC 378	Faculty	18 of 18
<i>Kansas Senate Bill SB 155</i>						
82491 004 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	RC 378	Faculty	18 of 18
<i>Kansas Senate Bill SB 155</i>						

GAME 134 - Game World Creation

In this course students will study what exactly world, region, and level means to different games. Students will also create a game world, region and level during the semester using current industry tools. 4 hrs. lecture/wk.

Credit Hours: 4

Prerequisite: GAME 105

[Outline \(http://catalog.jccc.edu/coursedescriptions/game/#GAME_134\)](http://catalog.jccc.edu/coursedescriptions/game/#GAME_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82492 001 F2F	----F--	12:00-03:50 PM	08/26/16-12/18/16	RC 378	Faculty	18 of 18
<i>Kansas Senate Bill SB 155</i>						

GAME 180 - Artificial Intelligence for Games

Upon successful completion of this course, students should be able to deconstruct simple program scripts within a game engine illustrating introductory concepts in artificial intelligence (AI) as applied to computer games. The students will define terms and application areas in the field, and describe game representation and implementation techniques used in artificial intelligence for games. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: CIS 142 and GAME 105

[Outline \(http://catalog.jccc.edu/coursedescriptions/game/#GAME_180\)](http://catalog.jccc.edu/coursedescriptions/game/#GAME_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82493 001 F2F	M-W----	12:30-01:45 PM	08/22/16-12/18/16	RC 378	Faculty	18 of 18
<i>Kansas Senate Bill SB 155</i>						
82494 002 F2F	-T-R---	04:30-05:45 PM	08/23/16-12/18/16	RC 378	Faculty	18 of 18
<i>Kansas Senate Bill SB 155</i>						

GAME 220 - Game Design II

In this course students will learn how to use mechanics to create and control feedback systems, emergent gameplay, and establish game balance. This course will also cover how to handle rewards and punishment, how interface design can make or break a game, and how games can be created as sports. 4 hrs. lecture/wk.

Credit Hours: 4

Prerequisite: GAME 120

[Outline \(http://catalog.jccc.edu/coursedescriptions/game/#GAME_220\)](http://catalog.jccc.edu/coursedescriptions/game/#GAME_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82495 001 F2F	-T-R---	09:00-10:50 AM	08/23/16-12/18/16	RC 323	Faculty	15 of 15
<i>Kansas Senate Bill SB 155</i>						

GAME 221 - Game Programming II

This course is designed to give students a deeper understanding of 3D game programming techniques. Students will study multi-threading, networking, use of analytic software, shader basics and user-generated content systems. Students will create a 3D game using all of these techniques. 5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisite: GAME 121 Corequisite: CS 236

[Outline \(http://catalog.jccc.edu/coursedescriptions/game/#GAME_221\)](http://catalog.jccc.edu/coursedescriptions/game/#GAME_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82496 001 F2F	MTWRF--	09:00-09:50 AM	08/22/16-12/18/16	RC 378	Faculty	18 of 18
<i>Kansas Senate Bill SB 155</i>						

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 \(http://catalog.jccc.edu/coursedescriptions/game/#GAME_235\)](http://catalog.jccc.edu/coursedescriptions/game/#GAME_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82497 001 F2F	M-W----	04:00-04:50 PM	08/22/16-12/18/16	RC 378	Faculty	18 of 18
<i>Kansas Senate Bill SB 155</i>						

GAME 242 - Agile Game Development

This course will cover the Agile software development methodology using Scrum. It will also cover how Scrum can be applied specifically to the processes used in game development. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$20-\$50

Prerequisites: GAME 105 and department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/game/#GAME_242\)](http://catalog.jccc.edu/coursedescriptions/game/#GAME_242)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82498 001 F2F	M-W----	07:30-09:20 PM	08/22/16-12/18/16	RC 378	Faculty	18 of 18
<i>Kansas Senate Bill SB 155</i>						
82499 002 F2F	-T-R---	12:00-01:50 PM	08/23/16-12/18/16	RC 378	Faculty	18 of 18
<i>Kansas Senate Bill SB 155</i>						

Graphic Design

GDES 120 - Introduction to Graphic Design

This course is designed to acquaint the student with the various aspects of the graphic design field. Topics include the ways in which visual messages are used in society, the skills needed by a graphic designer and the potential areas of specialization and employment. This class will have guest speakers from the field of graphic design. Emphasis will be on assisting the student to make an informed decision about graphic design as a career. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$40 to 50

[Outline \(http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_120\)](http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82067 001 F2F	-T-----	07:00-09:45 PM	08/23/16-08/23/16	LIB 312	Hawkins P	20 of 20
	---R---	07:00-09:45 PM	08/25/16-08/25/16	GEB 233		
	-T-----	07:00-09:45 PM	09/06/16-09/06/16	LIB 312		
	---R---	07:00-09:45 PM	09/08/16-09/08/16	GEB 233		
	-T-----	07:00-09:45 PM	09/20/16-09/20/16	LIB 312		
	---R---	07:00-09:45 PM	09/22/16-09/22/16	GEB 233		
	-T-----	07:00-09:45 PM	10/04/16-10/04/16	LIB 312		
	---R---	07:00-09:45 PM	10/06/16-10/06/16	GEB 233		
	-T-----	07:00-09:45 PM	10/18/16-10/18/16	LIB 312		
	---R---	07:00-09:45 PM	10/20/16-10/20/16	GEB 233		
	-T-----	07:00-09:45 PM	11/01/16-11/01/16	LIB 312		
	---R---	07:00-09:45 PM	11/03/16-11/03/16	GEB 233		
	-T-----	07:00-09:45 PM	11/15/16-11/15/16	LIB 312		
	---R---	07:00-09:45 PM	11/17/16-11/17/16	GEB 233		
	-T-----	07:00-09:45 PM	11/29/16-11/29/16	LIB 312		
	---R---	07:00-09:45 PM	12/01/16-12/01/16	GEB 233		
	-T-----	07:00-08:50 PM	12/13/16-12/18/16	LIB 312		
<i>Kansas Senate Bill SB 155</i>						
82081 002 F2F	---R---	07:00-09:45 PM	08/25/16-08/25/16	GEB 233	Hawkins P	20 of 20
	-T-----	07:00-09:45 PM	08/30/16-08/30/16	LIB 312		
	---R---	07:00-09:45 PM	09/08/16-09/08/16	GEB 233		
	-T-----	07:00-09:45 PM	09/13/16-09/13/16	LIB 312		
	---R---	07:00-09:45 PM	09/22/16-09/22/16	GEB 233		
	-T-----	07:00-09:45 PM	09/27/16-09/27/16	LIB 312		
	---R---	07:00-09:45 PM	10/06/16-10/06/16	GEB 233		
	-T-----	07:00-09:45 PM	10/11/16-10/11/16	LIB 312		
	---R---	07:00-09:45 PM	10/20/16-10/20/16	GEB 233		
	-T-----	07:00-09:45 PM	10/25/16-10/25/16	LIB 312		
	---R---	07:00-09:45 PM	11/03/16-11/03/16	GEB 233		
	-T-----	07:00-09:45 PM	11/08/16-11/08/16	LIB 312		

---R---	07:00-09:45 PM	11/17/16-11/17/16	GEB 233
-T-----	07:00-09:45 PM	11/22/16-11/22/16	LIB 312
---R---	07:00-09:45 PM	12/01/16-12/01/16	GEB 233
-T-----	07:00-09:45 PM	12/06/16-12/06/16	LIB 312
---R---	07:00-08:50 PM	12/15/16-12/18/16	LIB 312

Kansas Senate Bill SB 155

GDES 130 - Drawing and Media Methods I

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/coursedescriptions/gdes/#GDES_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82084 001 F2F	--W----	01:30-06:45 PM	08/24/16-12/18/16	LIB 311	Erickson-Harper T	18 of 18
	--W----	01:30-06:45 PM	08/24/16-12/18/16	LIB 312		
	--W----	01:30-06:45 PM	08/24/16-12/18/16	LIB 313		

Kansas Senate Bill SB 155

Requirement: Department approval

82085 002 F2F	-T-----	01:30-06:45 PM	08/23/16-12/18/16	LIB 311	Erickson-Harper T	18 of 18
	-T-----	01:30-06:45 PM	08/23/16-12/18/16	LIB 312		
	-T-----	01:30-06:45 PM	08/23/16-12/18/16	LIB 313		

Kansas Senate Bill SB 155

Requirement: Department approval

82086 003 F2F	M-W----	07:00-09:45 PM	08/22/16-12/18/16	LIB 311	Toller T	18 of 18
	M-W----	07:00-09:45 PM	08/22/16-12/18/16	LIB 312		
	M-W----	07:00-09:45 PM	08/22/16-12/18/16	LIB 313		

Kansas Senate Bill SB 155

Requirement: Department approval

GDES 131 - Drawing and Media Methods II

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/coursedescriptions/gdes/#GDES_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82087 001 F2F	---R---	01:30-06:45 PM	08/25/16-12/18/16	LIB 311	Erickson-Harper T	18 of 18
	---R---	01:30-06:45 PM	08/25/16-12/18/16	LIB 312		
	---R---	01:30-06:45 PM	08/25/16-12/18/16	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/coursedescriptions/gdes/#GDES_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82088 001 F2F	M-W----	07:00-09:45 PM	08/22/16-12/18/16	LIB 314	Nemer T	18 of 18
	M-W----	07:00-09:45 PM	08/22/16-12/18/16	LIB 346		
<i>Kansas Senate Bill SB 155</i> Requirement: Department approval						
82089 002 F2F	M-----	08:00-01:15 PM	08/22/16-12/18/16	LIB 342	Jones R	18 of 18
	M-----	08:00-01:15 PM	08/22/16-12/18/16	LIB 344		
<i>Kansas Senate Bill SB 155</i> Requirement: Department approval						
82090 003 F2F	--W----	01:30-06:45 PM	08/24/16-12/18/16	LIB 314	Wilson N	18 of 18
	--W----	01:30-06:45 PM	08/24/16-12/18/16	LIB 346		
<i>Kansas Senate Bill SB 155</i> 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/coursedescriptions/gdes/#GDES_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82091 001 F2F	-T-R---	07:00-09:45 PM	08/23/16-12/18/16	LIB 314	Ashley D	18 of 18
	-T-R---	07:00-09:45 PM	08/23/16-12/18/16	LIB 346		
<i>Kansas Senate Bill SB 155</i> Requirement: Department approval						
82092 002 F2F	--W----	08:00-01:15 PM	08/24/16-12/18/16	LIB 342	Nemer T	18 of 18
	--W----	08:00-01:15 PM	08/24/16-12/18/16	LIB 344		
<i>Kansas Senate Bill SB 155</i> Requirement: Department approval						

GDES 230 - Drawing and Media Methods 3

This course will provide an understanding of the application of illustration to graphic design. Visual problem-solving processes acquired in Drawing and Media Methods 2 will be further developed through problems in image composition emphasizing expressive communication. Techniques in traditional and digital media are explored. This course is typically taught in the fall semester only. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisites: GDES 131 and GDES 132 and GDES 134

Outline (http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82093 001 F2F	--W----	01:30-06:45 PM	08/24/16-12/18/16	LIB 342	Coppess J	15 of 15
	--W----	01:30-06:45 PM	08/24/16-12/18/16	LIB 344		
<i>Kansas Senate Bill SB 155</i> Requirement: Department approval						
82094 002 F2F	-T-----	08:00-01:15 PM	08/23/16-12/18/16	LIB 342	Hetler C	15 of 15
	-T-----	08:00-01:15 PM	08/23/16-12/18/16	LIB 344		
<i>Kansas Senate Bill SB 155</i> Requirement: Department approval						
82095 003 F2F	---R---	01:30-06:45 PM	08/25/16-12/18/16	LIB 314	Hetler C	15 of 15
	---R---	01:30-06:45 PM	08/25/16-12/18/16	LIB 346		
<i>Kansas Senate Bill SB 155</i> Requirement: Department approval						

GDES 231 - Advanced Typography

This course is a continuation of Layout Design. Emphasis will be on typographic solutions that explore verbal/visual messages. Projects include designs for publication, such as posters, brochures, packaging and graphic campaigns. Typography as a functional and experimental medium will be stressed. Design problem-solving for a diverse range of specifications, including audience, client needs and budget constraints, are included. Traditional and digital tools will be incorporated to produce comprehensives. This course is typically offered in the fall semester only. Working knowledge of Macromedia Dreamweaver is required. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisite: GDES 134

Outline (http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82096 001 F2F	-T-----	01:30-06:45 PM	08/23/16-12/18/16	LIB 342	Wilson N	18 of 18
	-T-----	01:30-06:45 PM	08/23/16-12/18/16	LIB 344		
<i>Kansas Senate Bill SB 155</i> Requirement: Department approval						
82097 002 F2F	---R---	08:00-01:15 PM	08/25/16-12/18/16	LIB 342	Wilson N	18 of 18
	---R---	08:00-01:15 PM	08/25/16-12/18/16	LIB 344		
<i>Kansas Senate Bill SB 155</i> Requirement: Department approval						
82098 003 F2F	-T-R---	07:00-09:45 PM	08/23/16-12/18/16	LIB 342	Jones R	18 of 18
	-T-R---	07:00-09:45 PM	08/23/16-12/18/16	LIB 344		
<i>Kansas Senate Bill SB 155</i> Requirement: Department approval						

GDES 235 - Production Methods

This course will provide the fundamentals of preparing art for reproduction. Traditional camera-ready art techniques and digital prepress production methods will be emphasized. This course is typically offered in the fall semester only. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisites: GDES 134 and GDES 140

Outline (http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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82099 001 F2F	-T-----	08:00-01:15 PM	08/23/16-12/18/16	LIB 314	Coppess J	15 of 15
	-T-----	08:00-01:15 PM	08/23/16-12/18/16	LIB 346		
<i>Kansas Senate Bill SB 155</i>						
Requirement: Department approval						
82100 002 F2F	---R---	08:00-01:15 PM	08/25/16-12/18/16	LIB 314	Coppess J	15 of 15
	---R---	08:00-01:15 PM	08/25/16-12/18/16	LIB 346		
<i>Kansas Senate Bill SB 155</i>						
Requirement: Department approval						
82101 003 F2F	M-W----	07:00-09:45 PM	08/22/16-12/18/16	LIB 342	Stadler L	15 of 15
	M-W----	07:00-09:45 PM	08/22/16-12/18/16	LIB 344		
<i>Kansas Senate Bill SB 155</i>						
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/coursedescriptions/gdes/#GDES_272)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82102 001 F2F	M-----	01:30-06:45 PM	08/22/16-12/18/16	LIB 342	Wilson N	12 of 12
	M-----	01:30-06:45 PM	08/22/16-12/18/16	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/coursedescriptions/gdes/#GDES_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82103 501 INT	-----	-	08/22/16-12/18/16		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 \(http://catalog.jccc.edu/coursedescriptions/geos/#GEOS_130\)](http://catalog.jccc.edu/coursedescriptions/geos/#GEOS_130) [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81426 001 F2F	M-W----	09:00-10:50 AM	08/22/16-12/18/16	CLB 405	Faculty	24 of 24
	Lab M-W----	11:00-12:20 PM	08/22/16-12/18/16	CLB 411		
81427 002 F2F	-T-R---	10:00-11:50 AM	08/23/16-12/18/16	CLB 405	Faculty	24 of 24
	Lab -T-R---	12:00-01:20 PM	08/23/16-12/18/16	CLB 411		
81428 050 F2F	-T-R---	06:00-07:50 PM	08/23/16-12/18/16	CLB 405	Faculty	24 of 24
	Lab -T-R---	08:00-09:20 PM	08/23/16-12/18/16	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 \(http://catalog.jccc.edu/coursedescriptions/geos/#GEOS_140\)](http://catalog.jccc.edu/coursedescriptions/geos/#GEOS_140) [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81429 001 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	CLB 412	Faculty	28 of 28
81430 002 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	CLB 412	Faculty	28 of 28
81431 003 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CLB 412	Harty J	28 of 28
81432 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	28 of 28
82008 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	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 \(http://catalog.jccc.edu/coursedescriptions/geos/#GEOS_141\)](http://catalog.jccc.edu/coursedescriptions/geos/#GEOS_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81433 001 F2F	Lab M-W----	01:00-02:50 PM	08/22/16-12/18/16	CLB 411	Faculty	24 of 24

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 \(http://catalog.jccc.edu/coursedescriptions/geos/#GEOS_145\)](http://catalog.jccc.edu/coursedescriptions/geos/#GEOS_145) [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81434 001 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	CLB 412	Harty J	28 of 28

KBOR Seamless Transfer

81435 002 F2F	M-W-F--	01:00-01:59 PM	09/07/16-12/18/16	CLB 412	Harty J	12 of 12
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KBOR Seamless Transfer

81436 003 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	CLB 412	Harty J	28 of 28
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KBOR Seamless Transfer

81437 050 F2F	---R---	06:00-08:50 PM	08/25/16-12/18/16	CLB 412	Faculty	28 of 28
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KBOR Seamless Transfer

81438 090 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	CLB 412	Harty J	28 of 28
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KBOR Seamless Transfer

81439 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Faculty	28 of 28
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KBOR Seamless Transfer

81440 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Faculty	28 of 28
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KBOR Seamless Transfer

81441 352 ONLINE	-----	-	08/22/16-12/18/16	Online	Faculty	28 of 28
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KBOR Seamless Transfer

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 \(http://catalog.jccc.edu/coursedescriptions/geos/#GEOS_214\)](http://catalog.jccc.edu/coursedescriptions/geos/#GEOS_214)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82700 100 F2F	M-----	03:00-04:15 PM	08/22/16-12/18/16	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 \(http://catalog.jccc.edu/coursedescriptions/geos/#GEOS_215\)](http://catalog.jccc.edu/coursedescriptions/geos/#GEOS_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82701 100 F2F	--W----	03:00-04:15 PM	08/24/16-12/18/16	CLB 213	Rothrock K	24 of 24

Health Care

HC 101 - Introduction to Health Care Delivery

This course is an introduction to the health care delivery system with an overview of health careers and the roles and responsibilities of members of the health care team. Emphasis will be on how to work within a health care team, effective communication skills, professional safety and workplace skills, and legal and ethical rights and responsibilities of patients and health care workers. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hc/#HC_101\)](http://catalog.jccc.edu/coursedescriptions/hc/#HC_101)




CRN	Days	Time	Date	Location	Instructor	Seats Open
82462 001 F2F	M-W----	02:00-04:50 PM	10/17/16-12/11/16	SCI 120	Summers S	20 of 20
82460 377 HYB	----- -T-----	- 09:30-10:45 AM	08/22/16-12/18/16 08/23/16-12/15/16	Online ATB 128	Summers S	20 of 20
82461 378 HYB	----- -T-----	- 11:00-12:15 PM	08/22/16-12/18/16 08/23/16-12/15/16	Online ATB 128	Summers S	20 of 20

HC 130 - Medical Terminology for Healthcare Professions

This course will introduce the student to a systematic method for learning, understanding and applying medical terminology. The course will provide an overview regarding the development of medical terms; and, outline medical terminology pertaining to each of the body systems; selected illnesses; diagnostic procedures and pharmacology. This course is designed for the student who is interested in any facet of the healthcare industry; and, is a required course for several certificate programs. Some portions of this course will require computer utilization and independent online work. There will be two to three mandatory meet times per week. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hc/#HC_130\)](http://catalog.jccc.edu/coursedescriptions/hc/#HC_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82012 103 F2F	----S-	09:00-12:00 PM	08/27/16-12/17/16	 OHEC 217	Neubauer P	24 of 24
<i>Kansas Senate Bill SB 155</i>						
82014 376 HYB	M----- -----	10:30-12:00 PM -	08/22/16-12/12/16 08/22/16-12/12/16	 OHEC 217 Online	Laughlin M	24 of 24
<i>Kansas Senate Bill SB 155</i> <i>Mandatory Classroom Meetings</i>						
82013 377 HYB	--W---- -----	08:30-10:00 AM -	08/24/16-12/14/16 08/24/16-12/14/16	 OHEC 217 Online	Laughlin M	24 of 24
<i>Mandatory Classroom Meetings</i> <i>Kansas Senate Bill SB 155</i>						

Health Care Interpreting

HCI 110 - Introduction to Interpreting


This course provides a practical and theoretical introduction to the field of bilingual interpreting. Students will study interpreter roles and skills, modes of interpreting and translating, ethical issues, professional standards of practices, cultural competence and applied linguistics. Upon completion, students should have a strong foundation of knowledge regarding the profession of interpreting and should be ready for specific skills training. This course is taught in English. 3 hrs. lecture/wk. This course is taught in the fall semester only.

Credit Hours: 3

Associated Costs: \$20

Prerequisites: Interview and permission of the facilitator. Potential indicators of proficiency may be required.

[Outline \(http://catalog.jccc.edu/coursedescriptions/hci/#HCI_110\)](http://catalog.jccc.edu/coursedescriptions/hci/#HCI_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80359 001 F2F	-T-R--	05:30-06:55 PM	08/23/16-12/18/16	 KUMED	Groneman B	12 of 12
<i>Kansas Senate Bill SB 155</i> Requirement: Department approval						


HCI 120 - Interpreting Skills I

This course develops students' skills in sight translation and consecutive interpreting. Listening and memory skills, communication strategies and intervention techniques also are emphasized. Upon completion, students should be able to sight translate short written texts and consecutively interpret non-technical, interactive messages between Spanish and English. This course is taught in English with some Spanish terminology and practice. 2 hrs. lecture/wk. This course is taught in the fall semester only.

Credit Hours: 3

Prerequisite or corequisite: HCI 110 with a grade of "C" or higher

[Outline \(http://catalog.jccc.edu/coursedescriptions/hci/#HCI_120\)](http://catalog.jccc.edu/coursedescriptions/hci/#HCI_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80360 001 F2F	-T-R---	07:00-08:25 PM	08/23/16-12/18/16	 KUMED	Groneman B	12 of 12

Kansas Senate Bill SB 155

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. 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 \(http://catalog.jccc.edu/coursedescriptions/hci/#HCI_180\)](http://catalog.jccc.edu/coursedescriptions/hci/#HCI_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80361 500 INT	-T-----	04:30-05:25 PM	08/23/16-12/18/16	 KUMED	Groneman B	12 of 12

Kansas Senate Bill SB 155

Requirement: Department approval

Health Care Info Systems

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.

Credit Hours: 2

Prerequisite: Department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_230\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80830 350 ONLINE	-----	-	08/22/16-09/26/16	Online	Faculty	15 of 15

Kansas Senate Bill SB 155

This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.

80831 351 ONLINE	-----	-	10/03/16-10/31/16	Online	Faculty	15 of 15
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Kansas Senate Bill SB 155

This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.

80832 376 HYB	-T-----	06:00-08:50 PM	08/23/16-09/20/16	RC 185	Faculty	15 of 15
	-----	-	08/23/16-09/20/16	Online		

Kansas Senate Bill SB 155

This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.

HCIS 255 - Technology Concepts in Healthcare

This course provides a basic overview of computing concepts related to the healthcare sector. Topics include computing terminology, computer architecture, and networking and data communication. The design and development of a large healthcare computing system is discussed, including the electronic health record. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80833 350 ONLINE	-----	-	08/22/16-09/26/16	Online	Faculty	15 of 15
<i>Kansas Senate Bill SB 155</i> This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.						
80834 351 ONLINE	-----	-	10/03/16-10/31/16	Online	Faculty	15 of 15
<i>Kansas Senate Bill SB 155</i> This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.						
80835 352 ONLINE	-----	-	11/07/16-12/05/16	Online	Faculty	15 of 15
<i>Kansas Senate Bill SB 155</i> This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.						

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.

Credit Hours: 2

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_261)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80836 350 ONLINE	-----	-	10/03/16-10/31/16	Online	Faculty	15 of 15
<i>Kansas Senate Bill SB 155</i> This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.						

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.

Credit Hours: 2

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_262)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80837 350 ONLINE	-----	-	08/22/16-09/26/16	Online	Faculty	15 of 15
This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.						
80838 351 ONLINE	-----	-	08/22/16-09/26/16	Online	Faculty	15 of 15
This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.						

HCIS 263 - Working with Health Information Technology (HIT) Systems

This course is powered by Cerner architecture to give students an opportunity to work with real technology used in the healthcare environment. This course focuses on the end user experience with emphasis also placed on standards, system usability, security and integration. 2 hrs. integrated lecture/lab/wk.

Credit Hours: 2

Prerequisite: Department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_263\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_263)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80839 350 ONLNE	-----	-	08/24/16-09/21/16	Online	Faculty	15 of 15
<i>Kansas Senate Bill SB 155</i>						
This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.						
80840 376 HYB	--W----	06:00-08:50 PM	08/24/16-09/21/16	RC 185	Faculty	15 of 15
	-----	-	08/24/16-09/21/16	Online		
<i>Kansas Senate Bill SB 155</i>						
This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.						

HCIS 264 - Configuration and Implementation of Electronic Health Records

This course is powered by Cerner architecture to give students an opportunity to experience real-world tasks in the role of a configuration/implementation analyst in the health information technology (HIT) workplace. This course focuses on designing and building a system with emphasis placed on implementation and configuration. 2 hrs. integrated lecture/lab/wk.

Credit Hours: 2

Prerequisite: Department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_264\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_264)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80841 350 ONLNE	-----	-	09/28/16-10/26/16	Online	Faculty	15 of 15
<i>Kansas Senate Bill SB 155</i>						
This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.						
80842 376 HYB	--W----	06:00-08:50 PM	09/28/16-10/26/16	RC 185	Faculty	15 of 15
	-----	-	09/28/16-10/26/16	Online		
<i>Kansas Senate Bill SB 155</i>						
This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.						

HCIS 265 - Installation and Maintenance of Health IT Systems

This course is powered by Cerner architecture to give students an opportunity to experience real-world tasks typically performed by an electronic health record (EHR) system administrator or support technician. Topics include testing prior to implementation, system configuration and system support. 2 hrs. integrated lecture/lab/wk.

Credit Hours: 2

Prerequisite: Department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_265\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_265)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80843 350 ONLNE	-----	-	11/02/16-12/07/16	Online	Faculty	15 of 15
<i>Kansas Senate Bill SB 155</i>						
This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.						

80844 376 HYB --W---- 06:00-08:50 PM 11/02/16-12/07/16 RC 185 Faculty 15 of 15

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Kansas Senate Bill SB 155

This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.

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. An average of 40-60 onsite hours will be required along with class assignments for a total of 90 hrs./semester.

Please note students are responsible for associated costs which may include fees related to background checks, drug screenings, and/or updated immunizations.

Credit Hours: 2

Associated Costs: \$74-\$200

Prerequisite and Corequisite: Enrollment in Health Information Systems (HCIS) coursework and Department approval (It is recommended students complete 10 credit hours of HCIS coursework prior to enrollment.)

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_270\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81061 500 INT	-----	-	08/22/16-12/18/16	Online	Faculty	5 of 5

Kansas Senate Bill SB 155

This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.

HCIS 271 - The Culture of Healthcare

This course introduces students to job expectations in healthcare settings. Topics also include the organization of care inside a practice setting, privacy laws, the changing environment of healthcare delivery, and professional and ethical issues. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: Department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_271\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80845 350 ONLNE	-----	-	09/27/16-10/25/16	Online	Faculty	15 of 15

This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.

80846 351 ONLNE	-----	-	09/27/16-10/25/16	Online	Faculty	15 of 15
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This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.

80847 376 HYB	-T-----	10:00-12:50 PM	09/27/16-10/25/16	RC 185	Faculty	15 of 15
	-----	-	09/27/16-10/25/16	Online		

This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.

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.

Credit Hours: 2

Prerequisite: Department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_272\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_272)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80848 350 ONLINE	-----	-	10/03/16-10/31/16	Online	Faculty	15 of 15
<i>Kansas Senate Bill SB 155</i> This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.						

80849 351 ONLINE	-----	-	11/07/16-12/05/16	Online	Faculty	15 of 15
<i>Kansas Senate Bill SB 155</i> This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.						

HCIS 273 - Quality Improvement in Healthcare

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 in healthcare. Approaches to assessing patient safety issues and implementing quality management and reporting through electronic systems will be discussed. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: Department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_273\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_273)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80850 350 ONLINE	-----	-	09/27/16-10/25/16	Online	Faculty	15 of 15
<i>Kansas Senate Bill SB 155</i> This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.						

80851 376 HYB	-T-----	06:00-08:50 PM	09/27/16-10/25/16	RC 185	Faculty	15 of 15
	-----	-	09/27/16-10/25/16	Online		
<i>Kansas Senate Bill SB 155</i> This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.						

HCIS 274 - Healthcare Workflow Analysis and Redesign

This course introduces healthcare workflow 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.

Credit Hours: 2

Prerequisite: Department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_274\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_274)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80852 350 ONLINE	-----	-	08/25/16-09/22/16	Online	Faculty	15 of 15
<i>Kansas Senate Bill SB 155</i> This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.						

80853 376 HYB	---R---	06:00-08:50 PM	08/25/16-09/22/16	RC 185	Faculty	15 of 15
	-----	-	08/25/16-09/22/16	Online		
<i>Kansas Senate Bill SB 155</i> This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.						

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.

Credit Hours: 2

Prerequisite: Department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_275\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80854 350 ONLINE	-----	-	10/03/16-10/31/16	Online	Faculty	15 of 15

Kansas Senate Bill SB 155

This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.

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.

Credit Hours: 2

Prerequisite: Department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_277\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_277)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80855 350 ONLINE	-----	-	11/03/16-12/08/16	Online	Faculty	15 of 15
80856 376 HYB	---R---	06:00-08:50 PM	11/03/16-12/08/16	RC 185	Faculty	15 of 15
	-----	-	11/03/16-12/08/16	Online		

Kansas Senate Bill SB 155

This section includes students applying for the accelerated TAACCCT program. For more information, contact Joan Curtis at jcurtis@jccc.edu or ext. 3685 or HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623.

History

HIST 125 - Western Civilization: Ancient World to the Renaissance

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: Ancient World to the Renaissance 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 \(http://catalog.jccc.edu/coursedescriptions/hist/#HIST_125\)](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_125) [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81526 001 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	GEB 279	Murtaugh D	25 of 25
81527 002 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	GEB 279	Murtaugh D	25 of 25
81528 003 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	GP 102	Stockton W	25 of 25
81529 004 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	GP 101	Hembree M	25 of 25
81530 005 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	GP 101	Stockton W	25 of 25
81531 201 F2F	-T-----	06:00-09:00 PM	09/06/16-12/18/16	GP 101	Roberts M	25 of 25

HIST 126 - Western Civilization: Scientific Revolution to the Modern Age

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: Scientific Revolution to the Modern Age 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.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hist/#HIST_126\)](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_126) Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
81532 001 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	GP 101	Harward S	25 of 25
81533 201 F2F	--W----	06:00-09:00 PM	09/07/16-12/18/16	GEB 279	Dobson P	25 of 25

HIST 129 - Early Modern Europe 1500-1789

This course is an introduction to early modern European history, with emphasis on the economic, social and political developments that have shaped the modern world: the Renaissance; the Catholic and Protestant Reformations; the rise of nation-states; the new inter-cultural contact between Europe and the world; the Commercial Revolution and the Enlightenment. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hist/#HIST_129\)](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_129)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81534 001 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	GEB 279	Harward S	32 of 32

HIST 135 - Eastern Civilization

This course is an introduction to the societies and cultures of Asia. Through lectures, readings and discussions, the course will focus on aspects of the history, politics, art, literature and economics of China, Japan and India. The major traditional themes and concepts of these civilizations will be stressed. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hist/#HIST_135\)](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81535 001 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	CC 126A	Harward S	35 of 35
81536 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Boucher D	25 of 25

HIST 137 - African American Studies

This course surveys the major themes and developments in African-American culture and history from the colonial period to the present. The course is divided into three five-week segments. Each segment relates to a historical period: slave, post-emancipation and contemporary. Each segment also permits a flexible, interdisciplinary approach that will include literature, fine arts and the social sciences. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hist/#HIST_137\)](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_137)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81537 201 F2F	-T-----	06:00-09:00 PM	09/06/16-12/18/16	CC 126B	Leiker J	35 of 35

HIST 140 - U.S. History to 1877

This survey course in U.S. history will emphasize developments and trends in American society from the early period of discovery and settlement through Reconstruction. Topics will include the Colonial era, the Revolutionary period, the Federalist era, the expansion of the Republic during the mid-19th century, and the Civil War and Reconstruction. The emphasis will be on analysis and interpretation of these developments. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hist/#HIST_140\)](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_140) Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
81538 001 F2F <i>KBOR Seamless Transfer</i>	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	CC 126B	Walker B	35 of 35
81539 002 F2F <i>KBOR Seamless Transfer</i>	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	CC 126A	Edwards T	35 of 35
81540 003 F2F <i>KBOR Seamless Transfer</i>	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	CC 126A	Edwards T	35 of 35
81541 004 F2F <i>KBOR Seamless Transfer</i>	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	GEB 279	Rider J	32 of 32
81542 005 F2F <i>KBOR Seamless Transfer</i>	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	CC 126B	Clark V	35 of 35
81543 006 F2F <i>KBOR Seamless Transfer</i>	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	CC 126A	McWilliams R	35 of 35
81544 007 F2F <i>KBOR Seamless Transfer</i>	M-W-F--	02:00-02:50 PM	08/22/16-12/18/16	CC 126A	McWilliams R	35 of 35
81545 008 F2F <i>KBOR Seamless Transfer</i>	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CC 126B	Harvey D	35 of 35
81546 009 F2F <i>KBOR Seamless Transfer</i>	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	CC 126B	Harvey D	35 of 35
81547 010 F2F <i>KBOR Seamless Transfer</i>	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	CC 126A	Boyle S	35 of 35
81548 011 F2F <i>KBOR Seamless Transfer</i> Note: This section will focus on women's contributions to US History.	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	CC 126A	Boyle S	35 of 35
81549 201 F2F <i>KBOR Seamless Transfer</i>	-T-----	06:00-09:00 PM	09/06/16-12/18/16	CC 126A	Domoney J	35 of 35
81550 202 F2F <i>KBOR Seamless Transfer</i>	--W----	06:00-09:00 PM	09/07/16-12/18/16	CC 126A	Arndt Helgesen V	35 of 35
81551 351 ONLNE <i>KBOR Seamless Transfer</i>	-----	-	08/22/16-12/18/16	Online	Clark V	25 of 25
81552 352 ONLNE <i>KBOR Seamless Transfer</i>	-----	-	08/22/16-12/18/16	Online	Clark V	25 of 25
81553 353 ONLNE <i>KBOR Seamless Transfer</i>	-----	-	08/22/16-12/18/16	Online	Clark V	25 of 25
81554 354 ONLNE <i>KBOR Seamless Transfer</i>	-----	-	08/22/16-12/18/16	Online	Taylor D	25 of 25
81555 355 ONLNE <i>KBOR Seamless Transfer</i>	-----	-	08/22/16-12/18/16	Online	Taylor D	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.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hist/#HIST_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81556 001 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	CC 126A	Rider J	35 of 35
<i>KBOR Seamless Transfer</i>						
81557 002 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	CC 126B	Tope J	35 of 35
<i>KBOR Seamless Transfer</i>						
81558 003 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	CC 126B	Tope J	35 of 35
<i>KBOR Seamless Transfer</i>						
81559 004 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	CC 126B	Taylor D	35 of 35
<i>KBOR Seamless Transfer</i>						
81560 005 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	CC 126A	Rider J	35 of 35
<i>KBOR Seamless Transfer</i>						
81561 006 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	CC 126B	Edwards T	35 of 35
<i>KBOR Seamless Transfer</i>						
81562 007 F2F	M-W-F--	02:00-02:50 PM	08/22/16-12/18/16	CC 126B	Edwards T	35 of 35
<i>KBOR Seamless Transfer</i>						
81563 008 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/18/16	CC 126B	Harvey D	35 of 35
<i>KBOR Seamless Transfer</i>						
81564 009 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CC 126A	Walker B	35 of 35
<i>KBOR Seamless Transfer</i>						
81609 010 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	GP 102	Antle J	50 of 50
<i>Co-requisite to enroll in ENGL 121 (CRN 81323)</i>						
<i>KBOR Seamless Transfer ENGL 121 (CRN 81323)</i>						
81565 011 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	CC 126A	Walker B	35 of 35
<i>KBOR Seamless Transfer</i>						
81566 012 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	CC 126B	Dobson P	35 of 35
<i>KBOR Seamless Transfer</i>						
81567 013 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	CC 126B	Dobson P	35 of 35
<i>KBOR Seamless Transfer</i>						
81568 201 F2F	--W----	06:00-09:00 PM	09/07/16-12/18/16	CC 126B	Domoney J	35 of 35
<i>KBOR Seamless Transfer</i>						
81569 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Boyle S	25 of 25
<i>KBOR Seamless Transfer</i>						
81570 352 ONLNE	-----	-	08/22/16-12/18/16	Online	Boyle S	25 of 25
<i>KBOR Seamless Transfer</i>						
81571 353 ONLNE	-----	-	08/22/16-12/18/16	Online	Leiker J	25 of 25
<i>KBOR Seamless Transfer</i>						
81572 354 ONLNE	-----	-	08/22/16-12/18/16	Online	Mack J	25 of 25
<i>KBOR Seamless Transfer</i>						
81573 355 ONLNE	-----	-	08/22/16-12/18/16	Online	Mischka S	25 of 25
<i>KBOR Seamless Transfer</i>						

HIST 143 - Ancient Greece, the Near East and Egypt

This course will present the background to the rise of Ancient Greece by examining first its Near-Eastern and Egyptian predecessors. Then it will examine Greece's historical development from the early Aegean phase through its Dark, Archaic, classical and Hellenistic phases. In addition to political, military, and social and economic developments, Greek literature and art will also be highlighted. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hist/#HIST_143\)](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_143)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81574 001 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	GEB 213	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 \(http://catalog.jccc.edu/coursedescriptions/hist/#HIST_149\)](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_149)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81575 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Boucher D	25 of 25

HIST 150 - Islam: Religion and Civilization

This course covers the context in which Islam arose; the career of the Prophet Muhammad; the main teachings and practices of the religion; the Qur'an and other early Islamic literature; subsequent political developments in the religion and its spread; its main religious branches; its history during the Middle Ages; the Christian crusades and their consequences; the major components of Islamic civilization, including law, the arts, literature, philosophy, science, and mathematics; Sufi; the effects of Western imperialism upon Islamic states; major developments in Islamic thought and practice since the seventeenth century; the Islamic diaspora and Islam today. HIST 150 is the same course as REL 150 and HUM 150; enroll in one only. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hist/#HIST_150\)](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81576 001 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	CC 338	Bevell Hull M	35 of 35

HIST 151 - World History I: Traditional World

This course provides students an introduction to the history of the major world civilizations up to approximately 1500. Upon successful completion of the course, students will be able to identify the major political, social, economic and technical developments in the histories of Egypt, Mesopotamia, other Near Eastern civilizations, Rome, Greece, India, China, sub-Saharan Africa, pre-Columbian America and medieval Europe. Students will be able to define the concept of a traditional, as opposed to a modern, society. They will be able to compare these societies with each another and with the modern society of the contemporary United States. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hist/#HIST_151\)](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_151)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81577 001 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	GEB 213	Stockton W	32 of 32
<i>KBOR Seamless Transfer</i>						
81578 201 F2F	-T-----	06:00-09:00 PM	09/06/16-12/18/16	GEB 279	Stockton W	32 of 32
<i>KBOR Seamless Transfer</i>						
81579 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Hembree M	25 of 25
<i>KBOR Seamless Transfer</i>						
81580 352 ONLINE	-----	-	08/22/16-12/18/16	Online	Hembree M	25 of 25
<i>KBOR Seamless Transfer</i>						
81581 353 ONLINE	-----	-	08/22/16-12/18/16	Online	Hembree M	25 of 25
<i>KBOR Seamless Transfer</i>						

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 \(http://catalog.jccc.edu/coursedescriptions/hist/#HIST_152\)](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_152)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81582 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Harward S	25 of 25
<i>KBOR Seamless Transfer</i>						
81583 352 ONLINE	-----	-	08/22/16-12/18/16	Online	Mack J	25 of 25
<i>KBOR Seamless Transfer</i>						

HIST 160 - Modern Russian History

This course examines Russian history within a Eurasian context. It is a study of three centuries of the social, political, economic and cultural forces that shaped Russian history, beginning with a survey of the events that place Russia outside the Western historical tradition. 3 hrs. lecture/ wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hist/#HIST_160\)](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81584 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Mack J	25 of 25

HIST 162 - Modern Latin America

This course is an examination of the economic, social, political and cultural history of Latin America since independence. Regional identities, such as Central America, and independent national states, such as Cuba and Mexico, are explored. Literary and intellectual trends, together with contemporary popular culture, are featured in the course. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hist/#HIST_162\)](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_162)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81585 001 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	GP 102	Gorell R	25 of 25

HIST 167 - Introduction to History: Japan

This course will provide an introduction to Japan from the earliest period of human settlement on the Japanese archipelago to the present. In so doing, it will explore political, economic, social, cultural and religious developments. Such an exploration will be useful for the further study of East Asian and Japanese history, as well as other aspects of Japanese language and cultural study. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hist/#HIST_167\)](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_167)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81586 001 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	GEB 279	Clark V	32 of 32

HIST 250 - American West

This course is designed to familiarize students with the cultural, geographical, and historical context of the Trans-Mississippi West. Students will explore through three conceptual lenses: as region, a specific place defined by unique physical characteristics; as frontier, a mobile line of settlement; and as a perception, a set of mythic stories and images that attempt to convey national morals and values. Special attention is paid to the ethnic and racial diversity of the region, and to the major

historical changes from pre-European contact to the present. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hist/#HIST_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81587 001 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	GEB 213	Leiker J	32 of 32

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/coursedescriptions/hist/#HIST_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81588 501 INT	-----	-	08/22/16-12/18/16		Edwards T	6 of 6

Requirement: Department approval

Hospitality Management

Missouri residents, see Reverse Cooperative Information (<http://www.jccc.edu/academics/cooperative/missouri-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/coursedescriptions/hmgt/#HMGT_120) Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
80541 001 F2F	M-----	12:00-01:50 PM	08/22/16-10/16/16	HCA 145	Marcellus J	35 of 35
<i>Kansas Senate Bill SB 155</i>						
80542 002 F2F	M-----	12:00-01:50 PM	10/17/16-12/11/16	HCA 145	Marcellus J	35 of 35
<i>Kansas Senate Bill SB 155</i>						
80544 003 F2F	-T-----	12:00-01:50 PM	08/23/16-10/11/16	HCA 145	Marcellus J	35 of 35
<i>Kansas Senate Bill SB 155</i>						
80547 350 ONLNE	-----	-	08/22/16-10/16/16	Online	Marcellus J	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80549 351 ONLNE	-----	-	10/17/16-12/11/16	Online	Marcellus J	24 of 24
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/hmgt#HMGT_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80556 001 F2F	M-----	12:00-02:50 PM	08/22/16-12/18/16	HCA 150	Gray J	35 of 35
<i>Kansas Senate Bill SB 155</i>						
80558 002 F2F	-T-----	09:00-11:50 AM	08/23/16-12/18/16	HCA 145	Gray J	35 of 35
<i>Kansas Senate Bill SB 155</i>						
80559 003 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	HCA 145	Gray J	35 of 35
<i>Kansas Senate Bill SB 155</i>						
80561 376 HYB	-----	-	08/22/16-12/18/16	Online	Gray J	35 of 35
	--W----	12:00-02:50 PM	08/24/16-08/24/16	HCA 145		
	--W----	12:00-02:50 PM	09/21/16-09/21/16	HCA 145		
	--W----	12:00-02:50 PM	10/19/16-10/19/16	HCA 145		
	--W----	12:00-02:50 PM	11/16/16-11/16/16	HCA 145		
	--W----	12:00-02:50 PM	12/14/16-12/14/16	HCA 145		
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/hmgt#HMGT_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80562 001 F2F	M-----	08:00-11:30 AM	08/22/16-12/18/16	HCA 140	Smith D	16 of 16
<i>Kansas Senate Bill SB 155</i>						
80571 002 F2F	M-----	01:00-04:30 PM	08/22/16-12/18/16	HCA 140	Smith D	16 of 16
<i>Kansas Senate Bill SB 155</i>						
80573 003 F2F	-T-----	01:00-04:30 PM	08/23/16-12/18/16	HCA 140	Prater A	16 of 16
<i>Kansas Senate Bill SB 155</i>						
80575 004 F2F	--W----	08:00-11:30 AM	08/24/16-12/18/16	HCA 140	Smith D	16 of 16
<i>Kansas Senate Bill SB 155</i>						
80577 005 F2F	--W----	01:00-04:30 PM	08/24/16-12/18/16	HCA 140	Prater A	16 of 16
<i>Kansas Senate Bill SB 155</i>						
80578 006 F2F	M-----	06:00-09:30 PM	08/22/16-12/18/16	HCA 140	Marcellus J	16 of 16
<i>Kansas Senate Bill SB 155</i>						
80580 007 F2F	-T-----	06:00-09:30 PM	08/23/16-12/18/16	HCA 140	Prater A	16 of 16
<i>Kansas Senate Bill SB 155</i>						
80581 008 F2F	--W----	06:00-09:30 PM	08/24/16-12/18/16	HCA 140	Marcellus J	16 of 16
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/hmgt#HMGT_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80605 001 F2F	--W----	08:00-09:50 AM	08/24/16-12/18/16	HCA 148	Adel E	18 of 18
	--W----	08:00-09:50 AM	08/24/16-12/18/16	HCA 150		
	---R---	08:00-03:00 PM	08/25/16-12/18/16	HCA 148		
	---R---	08:00-03:00 PM	08/25/16-12/18/16	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/coursedescriptions/hmgt#HMGT_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80606 001 F2F	M-----	12:00-02:50 PM	08/22/16-12/18/16	HCA 117	Robinson L	24 of 24
80607 002 F2F	-T-----	12:00-02:50 PM	08/23/16-12/18/16	HCA 117	Berg M	24 of 24
80608 003 F2F	--W----	09:00-11:50 AM	08/24/16-12/18/16	HCA 119	Berg M	24 of 24
82718 004 F2F	M-----	03:00-05:50 PM	08/22/16-12/18/16	HCA 150	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/coursedescriptions/hmgt#HMGT_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80609 001 F2F	-T-----	06:00-08:50 PM	08/23/16-12/18/16	HCA 117	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 \(http://catalog.jccc.edu/coursedescriptions/hmgt#HMGT_132\)](http://catalog.jccc.edu/coursedescriptions/hmgt#HMGT_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80610 350 ONLINE	-----	-	08/22/16-12/18/16	Online	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 \(http://catalog.jccc.edu/coursedescriptions/hmgt#HMGT_150\)](http://catalog.jccc.edu/coursedescriptions/hmgt#HMGT_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80611 001 F2F	-T-----	09:00-10:50 AM	08/23/16-12/18/16	HCA 115	Berg M	24 of 24

HMGT 167 - Local Food Production

Upon successful completion of this course, the student should be able to analyze and explain the basic cooking methods, recipe conversion and professional food preparation and handling of local food products. Additionally, the student should be able to safely operate common food service equipment used in commercial kitchens. It will provide students with practical methods of application involved with safe handling and production of post-harvest local food products. 3.5 hrs. integrated lecture/lab/wk..

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hmgt#HMGT_167\)](http://catalog.jccc.edu/coursedescriptions/hmgt#HMGT_167)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80612 001 F2F	--W----	01:00-04:30 PM	08/24/16-12/18/16	HCA 148	Smith D	16 of 16
	--W----	01:00-04:30 PM	08/24/16-12/18/16	HCA 150		

Kansas Senate Bill SB 155

HMGT 203 - Hotel Sales and Marketing

This course will focus on practical sales and marketing techniques for the hotel industry. It will cover a marketing plan and advertising campaign for a hotel, including identifying target markets, prospecting for sales leads and using sales techniques. This course is typically offered in the fall semester. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: HMGT 121 and admission to the hospitality management program

[Outline \(http://catalog.jccc.edu/coursedescriptions/hmgt#HMGT_203\)](http://catalog.jccc.edu/coursedescriptions/hmgt#HMGT_203)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80613 376 HYB	M-----	12:00-02:50 PM	08/22/16-08/22/16	HCA 115	Hoerz D	24 of 24
	-----	-	08/22/16-12/18/16	Online		
	M-----	12:00-02:50 PM	09/12/16-09/12/16	HCA 115		
	M-----	12:00-02:50 PM	10/03/16-10/03/16	HCA 115		
	M-----	12:00-02:50 PM	10/24/16-10/24/16	HCA 115		
	M-----	12:00-02:50 PM	11/21/16-11/21/16	HCA 115		
	M-----	12:00-02:50 PM	12/12/16-12/12/16	HCA 115		

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 \(http://catalog.jccc.edu/coursedescriptions/hmgt#HMGT_207\)](http://catalog.jccc.edu/coursedescriptions/hmgt#HMGT_207)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80629 001 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	HCA 117	Edwards R	24 of 24

Kansas Senate Bill SB 155

HMGT 220 - American Regional Cuisine

This course introduces the student to regional American cooking from nine regional culinary traditions and two specialty traditions within American cuisine. Students will study the cuisine of New England; the Mid-Atlantic states; the Deep South; Florida and the Caribbean; Cajun and Creole; the Central Plains and Rocky Mountain states; Tex-Mex and the American Southwest; California and Hawaii; the Pacific Northwest, as well as vegetarian cuisine and kosher dietary laws. Upon completion of this course, the student should be able to demonstrate skills in cooking and presenting classic American dishes in their traditional forms within a restaurant setting. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisite: HMGT 230

[Outline \(http://catalog.jccc.edu/coursedescriptions/hmgt#HMGT_220\)](http://catalog.jccc.edu/coursedescriptions/hmgt#HMGT_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80632 001 F2F	-T-----	01:00-04:30 PM	08/23/16-12/18/16	HCA 148	Adel E	16 of 16

Kansas Senate Bill SB 155

80670 002 F2F	-T-----	08:00-11:30 AM	08/23/16-12/18/16	HCA 148	Adel E	16 of 16
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Kansas Senate Bill SB 155

HMGT 221 - Design and Facilities Management

This course includes detailed information about food service design that covers layout, design and equipment specifications. In addition, facilities operations will be discussed regarding electrical, water and transportation systems; refrigeration; waste disposal; energy management; and HVAC. Preventive maintenance will be emphasized. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$25 to 100

Prerequisites: HMGT 123 and HMGT 271

[Outline \(http://catalog.jccc.edu/coursedescriptions/hmgt#HMGT_221\)](http://catalog.jccc.edu/coursedescriptions/hmgt#HMGT_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80671 001 F2F	-T-----	03:00-05:50 PM	08/23/16-12/18/16	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 \(http://catalog.jccc.edu/coursedescriptions/hmgt#HMGT_223\)](http://catalog.jccc.edu/coursedescriptions/hmgt#HMGT_223)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80672 001 F2F	M-----	12:00-03:30 PM	08/22/16-12/18/16	HCA 144	Reed A	16 of 16
<i>Kansas Senate Bill SB 155</i>						
80673 002 F2F	--W----	08:00-11:30 AM	08/24/16-12/18/16	HCA 144	Flick D	16 of 16
<i>Kansas Senate Bill SB 155</i>						
80674 003 F2F	M-----	06:00-09:30 PM	08/22/16-12/18/16	HCA 144	Reed A	16 of 16
<i>Kansas Senate Bill SB 155</i>						
80675 004 F2F	-T-----	06:00-09:30 PM	08/23/16-12/18/16	HCA 144	Parkhurst A	16 of 16
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/hmgt#HMGT_226)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80684 001 F2F	M-----	08:00-11:30 AM	08/22/16-12/18/16	HCA 146	Adel E	16 of 16
<i>Kansas Senate Bill SB 155</i>						
82366 002 F2F	M-----	01:00-04:30 PM	08/22/16-12/18/16	HCA 146	Adel E	16 of 16
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/hmgt#HMGT_228)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80685 001 F2F	M-----	09:00-11:50 AM	08/22/16-12/18/16	HCA 115	Gray J	18 of 18
<i>Kansas Senate Bill SB 155</i>						
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/coursedescriptions/hmgt#HMGT_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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80687 001 F2F M----- 01:00-04:30 PM 08/22/16-12/18/16 HCA 142 Prater A 16 of 16

Kansas Senate Bill SB 155

80689 002 F2F -T----- 01:00-04:30 PM 08/23/16-12/18/16 HCA 142 Smith D 16 of 16

Kansas Senate Bill SB 155

80690 003 F2F -T----- 08:00-11:30 AM 08/23/16-12/18/16 HCA 142 Smith D 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/coursedescriptions/hmgt/#HMGT_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80714 001 F2F	M-----	12:00-04:30 PM	08/22/16-12/18/16	HCA 148	Walline T	12 of 12

Kansas Senate Bill SB 155

Requirement: Department approval

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/coursedescriptions/hmgt/#HMGT_238)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82367 001 F2F	M-----	06:00-09:30 PM	08/22/16-12/18/16	HCA 146	Sturmer F	16 of 16

Kansas Senate Bill SB 155

HMGT 240 - Advanced Baking

This course covers the principles needed to enter the baking and pastry industry. The course provides knowledge of specialty ingredients and techniques needed to make tortes, finished desserts and a wedding cake. The student will be instructed in the making of these items through lecture and will prepare a variety of such items in lab. 4.5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisites: HMGT 123 and HMGT 223

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82647 001 F2F	-T-----	01:00-04:30 PM	08/23/16-12/18/16	HCA 144	Reed 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/coursedescriptions/hmgt#HMGT_248)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80715 001 F2F	--W----	01:00-04:30 PM	08/24/16-12/18/16	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/coursedescriptions/hmgt#HMGT_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80716 001 F2F	M-----	12:00-02:50 PM	08/22/16-12/18/16	HCA 119	Berg M	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/coursedescriptions/hmgt#HMGT_268)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80717 001 F2F	--W----	03:00-05:50 PM	08/24/16-12/18/16	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/coursedescriptions/hmgt#HMGT_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80718 001 F2F	-T-----	08:00-11:30 AM	08/23/16-12/18/16	HCA 146	Sturmer F	12 of 12

Kansas Senate Bill SB 155

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/coursedescriptions/hmgt#HMGT_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80719 001 F2F	M-----	03:00-04:50 PM	08/22/16-12/18/16	HCA 119	Marcellus J	24 of 24
80720 002 F2F	--W----	12:00-01:50 PM	08/24/16-12/18/16	HCA 119	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/coursedescriptions/hmgt#HMGT_273)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80721 001 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	HCA 115	Sobieraj R	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80722 002 F2F	-T-----	06:00-08:50 PM	08/23/16-12/18/16	HCA 115	Sobieraj R	24 of 24
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/hmgt#HMGT_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80724 500 INT	-----	-	08/22/16-12/18/16		Hoerz D	24 of 24

HMGT 277 - Seminar in Hospitality Management: Menu Design & 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

Prerequisite: HMGT 123 and HMGT 273

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt#HMGT_277)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80725 001 F2F	M-----	03:00-04:50 PM	08/22/16-12/18/16	HCA 117	Sobieraj R	24 of 24
82368 002 F2F	--W----	06:00-07:50 PM	08/24/16-12/18/16	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/coursedescriptions/hmgt#HMGT_279)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80726 001 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	HCA 150	Berger S	24 of 24
<i>Kansas Senate Bill SB 155</i>						
80727 002 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	HCA 150	Geiger J	24 of 24
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/hmgt#HMGT_281)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80866 500 INT	-----	-	08/22/16-12/18/16		Sturmer F	55 of 55
<i>Kansas Senate Bill SB 155</i>						
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/coursedescriptions/hmgt#HMGT_282)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80867 501 INT	-----	-	08/22/16-12/18/16		Sturmer F	40 of 40
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/hmgt#HMGT_285)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80868 502 INT	-----	-	08/22/16-12/18/16		Sturmer F	50 of 50
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/hmgt/HMGT_286)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80869 503 INT	-----	-	08/22/16-12/18/16		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/coursedescriptions/hmgt/HMGT_287)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80870 504 INT	-----	-	08/22/16-12/18/16		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/coursedescriptions/hmgt/HMGT_288)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80871 505 INT	-----	-	08/22/16-12/18/16		Marcellus J	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/coursedescriptions/hmgt/HMGT_292)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80872 001 F2F	---R---	06:00-09:30 PM	08/25/16-12/18/16	HCA 142	Prater A	20 of 20

This section's title is **Special Topics: Foods of the United Kingdom.**

Requirement: Department approval

This section's title is **Special Topics: Revenue Management**.

Hospitality Mgt Pastry Baking

HMPB 155 - Pastry Shop Production I

This course will provide hands-on instruction of techniques used to make basic pastry shop staples used in the production of items intended for retail sales in a professional pastry shop. This course is typically offered in the fall semester. 4.5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisites: HMGT 120 and HMGT 123 **Corequisites:** HMPB 160 and HMPB 233 and HMPB 252

Outline (http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80519 001 F2F	---R---	08:00-10:14 AM	08/25/16-12/18/16	HCA 144	Flick D	15 of 15
	----F--	09:00-11:14 AM	08/26/16-12/18/16	HCA 144		

Kansas Senate Bill SB 155

HMPB 160 - Pastry Shop Principles I

This course will examine the fundamental baking concepts including sanitation, ingredient identification and usage, weights and measures, inventory and product ordering needed as it pertains to a professional pastry shop. Students will be operating a working bake shop. This course is typically offered in the fall semester. 4.5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisites: HMGT 120 and HMGT 123 **Corequisites:** HMPB 155 and HMPB 233 and HMPB 252

Outline (http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80520 001 F2F	---R---	10:15-12:29 PM	08/25/16-12/18/16	HCA 144	Flick D	15 of 15
	----F--	11:15-01:29 PM	08/26/16-12/18/16	HCA 144		

Kansas Senate Bill SB 155

HMPB 233 - Patisserie

This course will provide hands-on instruction of techniques to make finished pastry items such as tortes, tarts, pastries, cookies, candies and breads as well as how to present items in a professional manner. This course is typically offered in the fall semester. 4.5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisites: HMGT 120 and HMGT 123 **Corequisites:** HMPB 155 and HMPB 160 and HMPB 252

Outline (http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB_233)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80521 001 F2F	---R---	12:30-02:44 PM	08/25/16-12/18/16	HCA 144	Flick D	15 of 15
	----F--	01:30-03:44 PM	08/26/16-12/18/16	HCA 144		

Kansas Senate Bill SB 155

HMPB 252 - Pastry Shop Business Basics I

This course will provide basic hands-on techniques used to market finished pastry items, customer service, setting up, restocking and maintaining a display case, as well as taking pastry orders. This course is typically offered in the fall semester. 3.5 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisites: HMGT 120 and HMGT 123 **Corequisites:** HMPB 155 and HMPB 160 and HMPB 233

Outline (http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB_252)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80522 001 F2F	---R---	02:45-04:59 PM	08/25/16-12/18/16	HCA 144	Flick D	15 of 15
	----F--	03:45-05:59 PM	08/26/16-12/18/16	HCA 144		

Kansas Senate Bill SB 155

Honors Program

HON 250 - Honors Forum: In Search of Solutions

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/coursedescriptions/hon/#HON_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81094 001 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	GEB 238	Easley-Giraldo T	18 of 18

This section's title is **Honors Forum: Political Campaigns and Presidential Elections.**

Honors Course

Note: This is an honors section. Enrollment is by permission, requiring a minimum GPA of 3.5. For additional information and permission to enroll, please contact the honors office at either honors@jccc.edu or 913-469-8500 ext. 2434.

Requirement: Department approval

82161 002 F2F	--W----	02:00-04:50 PM	08/24/16-12/18/16	GEB 238	Sabato S	9 of 9
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This section's title is **Honors Forum: From Cowtown to Uptown.**

Honors Course

Note: This is an honors section. Enrollment is by permission, requiring a minimum GPA of 3.5. For additional information and permission to enroll, please contact the honors office at either honors@jccc.edu or 913-469-8500 ext. 2434.

Requirement: Department approval

Horticulture

Missouri residents, see Reverse Cooperative Information (<http://www.jccc.edu/academics/cooperative/missouri-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/coursedescriptions/hort/#HORT_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81469 090 F2F	Lab M-----	06:00-07:59 PM	09/12/16-12/18/16	HSC 124	Fike T	12 of 12
	M-----	08:00-08:59 PM	09/12/16-12/18/16	HSC 121		

HORT 135 - Landscape Design

The course is designed to familiarize students with aspects of landscape design. Students will analyze the site and preferences of the client and complete a landscape design following basic design principles. Students will learn presentation graphics, hand lettering techniques, and how to make a hand drawing to scale. Note: Plant material courses (HORT 214, HORT 215, HORT 220) could be helpful for this course but are not required. 2 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$30

Outline (http://catalog.jccc.edu/coursedescriptions/hort/#HORT_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81471 050 F2F	-T-----	06:00-07:50 PM	08/23/16-12/18/16	HSC 121	Stevens A	24 of 24
	Lab -T-----	08:00-09:50 PM	08/23/16-12/18/16	HSC 121		

Kansas Senate Bill SB 155

HORT 140 - Turfgrass I

The basics of turfgrass identification, selection, use and care will be covered. The emphasis will be on efficient management of soil and turf on large or small grounds. Upon successful completion of this course, students should be able to demonstrate their ability to properly identify the major categories of turfgrass; establish and maintain turfgrass; identify turfgrass pests; and develop a pest control fertilizer program. Irrigation systems, their maintenance and repair will also be discussed. 2 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hort/#HORT_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81478 001 F2F	M-----	10:00-11:50 AM	08/22/16-12/18/16	HSC 121	Faculty	24 of 24
	Lab --W----	10:00-11:50 AM	08/24/16-12/18/16	HSC 121		

Kansas Senate Bill SB 155

HORT 165 - Arboriculture

This course will prepare the student to work with trees in Zones 5-6. In lecture and lab settings students will learn and demonstrate how to properly plant, prune and maintain trees, identify hazard trees and proper pruning and tree removal techniques. Emphasis will be placed on ANSI and OSHA safety requirements. At the end of this course the student will be prepared to take the test for arboriculture certification in Kansas. 2 hrs. lecture 3 hrs. lab/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hort/#HORT_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81479 380 HYB	-----	-	08/22/16-12/18/16	Online	Fike T	24 of 24
	---R---	06:00-06:50 PM	08/25/16-12/18/16	HSC 121		
	Lab ---R---	07:00-09:50 PM	08/25/16-12/18/16	HSC 124		

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

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/coursedescriptions/hort/#HORT_201)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81487 001 F2F	Lab -----S-	09:00-11:50 AM	08/27/16-12/18/16	HSC 124	Seckinger G	24 of 24

----S- 01:00-02:50 PM 08/27/16-12/18/16 HSC 121

Kansas Senate Bill SB 155

81490	380 HYB	-----	-	08/22/16-12/18/16	Online	Sreedhar L	24 of 24
		----F--	10:00-10:50 AM	08/26/16-12/18/16	HSC 121		
	Lab	----F--	11:00-12:50 PM	08/26/16-12/18/16	HSC 124		

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

HORT 214 - Woody Plants I, Deciduous

The class places emphasis on identification, ornamental characters, site requirements, and use of woody ornamental deciduous trees and shrubs with special emphasis on the cultivated varieties in climatic zones 5 and 6. Plant uses and seasonal effects and influences that affect plant choices will be also be taught. This course will assist the grounds maintenance employee, landscaper, and garden center employee in identifying plant materials used in the landscape. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$10

Outline (http://catalog.jccc.edu/coursedescriptions/hort/#HORT_214)

CRN	Days	Time	Date	Location	Instructor	Seats Open	
81492	380 HYB	-----	-	08/22/16-11/13/16	Online	Sreedhar L	12 of 12
	Lab	--W----	12:00-02:59 PM	08/24/16-11/09/16	HSC 121		

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

HORT 220 - Herbaceous Plants

This course will focus on the identification, ornamental characters, culture, propagation, and use of herbaceous perennials, bulbs, ground covers, vines and annuals. This course will assist the grounds maintenance employee, landscaper, and garden center employee in identifying and selecting herbaceous plant materials with additional emphasis on uses and maintenance of these plants when used in the landscape. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$10

Outline (http://catalog.jccc.edu/coursedescriptions/hort/#HORT_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open	
81493	050 F2F	M-----	06:00-07:50 PM	08/22/16-12/18/16	HSC 121	Seckinger G	24 of 24
	Lab	--W----	06:00-08:50 PM	08/24/16-12/18/16	HSC 124		

Kansas Senate Bill SB 155

81494	380 HYB	Lab	M-----	01:00-03:59 PM	08/22/16-12/18/16	HSC 121	Sreedhar L	24 of 24
			-----	-	08/22/16-12/18/16	Online		

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

HORT 235 - Landscape Maintenance and Techniques

This course is designed to familiarize students with the principles and techniques involved in landscape maintenance including pruning techniques, fertilization, irrigation, spray schedules and weed control. Installation and maintenance of annual and perennial plant material is examined. In addition, the student will learn to design preventive strategies and identify and examine disease and insect damage. The students will learn how to maintain good customer relations. 2 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$30

Outline (http://catalog.jccc.edu/coursedescriptions/hort/#HORT_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81495 001 F2F	---R---	02:00-03:50 PM	08/25/16-12/18/16	HSC 121	Stevens A	24 of 24
	Lab ---R---	04:00-05:50 PM	08/25/16-12/18/16	HSC 121		

Kansas Senate Bill SB 155

HORT 255 - Pest Control Management

This course will explore the general concepts of turf, ornamental, commercial crop and vegetable garden maintenance and pest control in the local area. The student will become familiar with federal and state regulations pertaining to horticulture chemical application. Upon completion of this course, the student should be prepared to take the Kansas or Missouri licensing examination to become a certified applicator of restricted horticultural pesticides and herbicides. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hort/#HORT_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81496 350 ONLINE	-----	-	10/17/16-12/11/16	Online	St John R	12 of 12

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/coursedescriptions/hort/#HORT_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81497 500 INT	-----	-	08/22/16-12/18/16		Sreedhar L	10 of 10

Kansas Senate Bill SB 155

Requirement: Department approval

Physical Ed, Health & Rec

HPER 100 - Basketball (Beginning)

Students will have an opportunity to learn fundamental basketball skills through demonstration and discussion of strategies for team play. Emphasis is on individual participation. 2 hrs./wk.

Credit Hours: 1

Associated Costs: \$10-\$30

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_100)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80445 001 F2F	M-----	06:00-07:50 PM	08/22/16-12/18/16	GYM 003B	Morley R	30 of 30
	M-----	06:00-07:50 PM	08/22/16-12/18/16	GYM 003C		
80446 002 F2F	M-W-F--	11:00-11:50 AM	08/22/16-10/28/16	GYM 003B	Walker B	30 of 30
	M-W-F--	11:00-11:50 AM	08/22/16-10/28/16	GYM 003C		

HPER 101 - Basketball (Intermediate)

Students will have an opportunity to learn intermediate basketball skills through demonstration and discussion of strategies for team play. This course will advance the skills of the student who successfully completed the beginning basketball course. Emphasis is on individual participation and competition team play. 2 hrs./wk.

Credit Hours: 1

Prerequisite: HPER 100

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER_101\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_101)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80447 001 F2F	M-----	06:00-07:50 PM	08/22/16-12/18/16	GYM 003B	Morley R	30 of 30
	M-----	06:00-07:50 PM	08/22/16-12/18/16	GYM 003C		
80448 002 F2F	M-W-F--	11:00-11:50 AM	08/22/16-10/28/16	GYM 003B	Walker B	30 of 30
	M-W-F--	11:00-11:50 AM	08/22/16-10/28/16	GYM 003C		





HPER 104 - Yoga

This class will utilize techniques from yoga which aim to provide mind/body benefits including better posture and increased body awareness. Muscular strength and flexibility will be developed through poses and positions. This class will be geared toward all students, both beginners as well as those who have previous training. 2 hrs./wk.

Credit Hours: 1

Associated Costs: \$12 to 15

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER_104\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_104)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80449 001 F2F	M-W----	08:00-08:50 AM	08/22/16-12/18/16	GYM 007	Beattie-Nelson A	20 of 20
80450 002 F2F	M-W----	09:00-09:50 AM	08/22/16-12/18/16	GYM 007	Beattie-Nelson A	20 of 20
80451 003 F2F	M-W----	10:00-10:50 AM	08/22/16-12/18/16	GYM 007	Triplett P	20 of 20
80452 004 F2F	M-W----	07:00-07:50 PM	08/22/16-12/18/16	GYM 007	Zickefoose W	20 of 20
80454 006 F2F	-T-R---	08:30-09:20 AM	08/23/16-12/18/16	GYM 007	Anani S	20 of 20
80455 007 F2F	M-W----	11:00-11:50 AM	08/22/16-12/18/16	 OHEC 143	Nosworthy A	18 of 18
80456 008 F2F	-T-R---	01:00-01:50 PM	08/23/16-12/18/16	GYM 007	Zickefoose W	20 of 20
80457 009 F2F	-T-R---	02:00-02:50 PM	08/23/16-12/18/16	GYM 007	Zickefoose W	20 of 20
80458 010 F2F	M-W----	01:00-01:50 PM	08/22/16-12/18/16	 OHEC 143	Nosworthy A	18 of 18
80459 011 F2F	M-W----	06:00-06:50 PM	08/22/16-12/18/16	GYM 007	Zickefoose W	20 of 20
81175 012 F2F	-T-R---	10:00-10:50 AM	08/23/16-12/18/16	GYM 007	Triplett P	20 of 20
82261 013 F2F	-T-R---	09:00-09:50 AM	08/23/16-12/18/16	 OHEC 143	Nosworthy A	18 of 18
82263 015 F2F	-T-R---	11:00-11:50 AM	08/23/16-12/18/16	 OHEC 143	Nosworthy A	18 of 18

HPER 115 - Soccer

The fundamentals of soccer will be introduced as well as strategies necessary for team play. 2 hrs./wk.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER_115\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80523 001 F2F	--W----	06:00-07:50 PM	09/07/16-12/18/16	GYM 003B	Louque W	25 of 25
	--W----	06:00-07:50 PM	09/07/16-12/18/16	GYM 003C		
	--W----	06:00-07:50 PM	09/07/16-12/18/16	GYM 526		

Note: This course will meet outside on the practice soccer field (526). Alternate location will be inside Gym 003B & 003C (Field House)

HPER 117 - Power Volleyball (Beginning)

The basic skills of volleyball taught in this class include the forearm pass, overhead set, serve, block and spike (attacking). Elementary offense and defense along with volleyball rules, scoring and officiating will be covered. 2 hrs./wk.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER_117\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_117)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80524 001 F2F	M-W----	11:00-11:50 AM	08/22/16-12/18/16	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.

Credit Hours: 1

Prerequisite: HPER 117

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER_118\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_118)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80525 001 F2F	M-W----	11:00-11:50 AM	08/22/16-12/18/16	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./wk.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER_124\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80526 001 F2F	-T-R---	09:00-09:50 AM	08/23/16-12/18/16	GYM 003E	Faculty	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.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER_130\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80527 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Bloemker M	25 of 25

Note: All assignments and tests will be done online

80528 351 ONLINE	-----	-	08/22/16-12/18/16	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.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER_134\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80691 001 F2F	M-W----	09:00-09:50 AM	08/22/16-12/18/16	GYM 022	Javorek J	30 of 30
80692 002 F2F	M-W----	10:00-10:50 AM	08/22/16-12/18/16	GYM 022	Javorek J	30 of 30
80693 003 F2F	-T-R---	09:00-09:50 AM	08/23/16-12/18/16	GYM 022	Javorek J	30 of 30
80694 004 F2F	-T-R---	10:00-10:50 AM	08/23/16-12/18/16	GYM 022	Javorek J	30 of 30
80695 005 F2F	M-W----	06:00-06:50 PM	08/22/16-12/18/16	GYM 022	Anani S	30 of 30
80696 006 F2F	-T-R---	12:30-01:20 PM	08/23/16-12/18/16	GYM 022	Ayoade F	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.

Credit Hours: 1

Prerequisite: HPER 134

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER_135\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80697 001 F2F	M-W----	09:00-09:50 AM	08/22/16-12/18/16	GYM 022	Javorek J	30 of 30
80698 002 F2F	M-W----	10:00-10:50 AM	08/22/16-12/18/16	GYM 022	Javorek J	30 of 30
80699 003 F2F	-T-R---	09:00-09:50 AM	08/23/16-12/18/16	GYM 022	Javorek J	30 of 30
80700 004 F2F	-T-R---	10:00-10:50 AM	08/23/16-12/18/16	GYM 022	Javorek J	30 of 30
80701 005 F2F	M-W----	06:00-06:50 PM	08/22/16-12/18/16	GYM 022	Anani S	30 of 30
80702 006 F2F	-T-R---	12:30-01:20 PM	08/23/16-12/18/16	GYM 022	Ayoade F	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.

Credit Hours: 1

Associated Costs: \$30 to 40

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER_137\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_137)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80703 001 F2F	M-W-F--	10:00-10:50 AM	08/22/16-10/28/16	GYM 003B	Walker B	20 of 20
	M-W-F--	10:00-10:50 AM	08/22/16-10/28/16	GYM 537		
Note: This class will meet outside on the tennis courts (537). Alternate location will be inside Gym 003B (Field House)						
80704 002 F2F	M-W----	06:00-07:20 PM	08/22/16-10/26/16	GYM 003B	Alarico A	20 of 20
	M-W----	06:00-07:20 PM	08/22/16-10/26/16	GYM 537		
Note: This class will meet outside on the tennis courts (537). Alternate location will be inside Gym 003B (Field House)						
80707 003 F2F	-T-R---	11:00-12:20 PM	08/23/16-10/27/16	GYM 003B	Walker B	20 of 20
	-T-R---	11:00-12:20 PM	08/23/16-10/27/16	GYM 537		
Note: This class will meet outside on the tennis courts (537). Alternate location will be inside Gym 003B (Field House)						

HPER 138 - Tennis (Intermediate)

Students will review the rules, terminology and history of tennis. The student will receive instruction on the strokes of tennis, as well as the strategies of singles and doubles play in a competitive format. Emphasis will be on the mental and physical conditioning of the game. 2 hrs./wk.

Credit Hours: 1

Associated Costs: \$30 to 40

Prerequisite: HPER 137

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER_138\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_138)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80711 001 F2F	M-W-F--	10:00-10:50 AM	08/22/16-10/28/16	GYM 003B	Walker B	20 of 20
	M-W-F--	10:00-10:50 AM	08/22/16-10/28/16	GYM 537		
Note: This class will meet outside on the tennis courts (537). Alternate location will be inside Gym 003B (Field House)						
80712 002 F2F	M-W----	06:00-07:20 PM	08/22/16-10/26/16	GYM 003B	Alarico A	20 of 20
	M-W----	06:00-07:20 PM	08/22/16-10/26/16	GYM 537		
Note: This class will meet outside on the tennis courts (537). Alternate location will be inside Gym 003B (Field House)						
80713 003 F2F	-T-R---	11:00-12:20 PM	08/23/16-10/27/16	GYM 003B	Walker B	20 of 20
	-T-R---	11:00-12:20 PM	08/23/16-10/27/16	GYM 537		
Note: This class will meet outside on the tennis courts (537). Alternate location will be inside Gym 003B (Field House)						

HPER 139 - Pickleball

Students will review the rules, terminology and history of pickleball. The student will receive instruction on the strokes of pickleball, 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.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER_139\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_139)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81006 001 F2F	M-W-F--	12:00-12:50 PM	08/22/16-10/28/16	GYM 003B	Walker B	20 of 20
	M-W-F--	12:00-12:50 PM	08/22/16-10/28/16	GYM 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 improvisational movement will be explored. 2 hrs./wk.

Credit Hours: 1

Associated Costs: \$12 to 40

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER_140\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80824 001 F2F	M-W----	01:00-01:50 PM	08/22/16-12/18/16	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.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER_150\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_150)

CRN	Davs	Time	Date	Location	Instructor	Seats Open
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80825 001 F2F	-T-R---	11:00-11:50 AM	08/23/16-12/18/16	GYM 007	Triplett P	20 of 20
82266 002 F2F	-T-R---	10:00-10:50 AM	08/23/16-12/18/16	 OHEC 143	Nosworthy A	18 of 18
82345 003 F2F	M-W----	12:00-12:50 PM	08/22/16-12/18/16	 OHEC 143	Nosworthy A	18 of 18

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.

Credit Hours: 1

Associated Costs: \$17 to 30

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80826 001 F2F	M-W----	11:00-11:50 AM	08/22/16-12/18/16	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.

Credit Hours: 1

Associated Costs: \$7 to 30

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_158)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80827 001 F2F	M-W----	02:00-02:50 PM	08/22/16-12/18/16	GYM 007	Phillips D	20 of 20

HPER 172 - Track and Field (Beginning)

This course will introduce the student to the sport of track and field. Through activity and discussion the student will improve his or her motor ability to perform track and field events. 2 hrs./wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_172)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80828 001 F2F	MTWR---	02:00-02:50 PM	08/22/16-10/13/16	GYM 003A	Groves P	50 of 50

HPER 174 - Coaching and Officiating of Track and Field

Students will have the opportunity to learn the fundamentals of coaching and officiating track and field events. Upon successful completion of the course, students will be prepared for USATF Level 1 certification. 2 hrs. lecture/wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_174)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80829 001 F2F	M-W-F--	11:00-11:50 AM	08/22/16-11/11/16	ATB 132	Groves P	18 of 18

HPER 175 - Fencing

Beginning foil fencing will provide the student with the fundamental rules and techniques of foil fencing. The student will utilize these skills in a fencing bout. The student will also be instructed in the rules and procedures of officiating foil fencing. 2 hrs./wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_175)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80922 001 F2F	-T-----	07:00-08:50 PM	08/23/16-12/18/16	GYM 007	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./wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_176)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80918 001 F2F	M-W----	10:00-10:50 AM	08/22/16-12/18/16	GYM 003E	Faculty	20 of 20
80920 002 F2F	-T-R---	10:00-10:50 AM	08/23/16-12/18/16	GYM 003E	Faculty	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.

Credit Hours: 1

Associated Costs: \$10 to 20

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_185)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80954 001 F2F	-T-----	09:00-11:20 AM	08/23/16-10/25/16	GYM 125	Carter C	25 of 25
	-T-----	09:00-11:20 AM	08/23/16-10/25/16	GYM 526		
80970 002 F2F	---R---	09:00-11:20 AM	08/25/16-10/27/16	GYM 125	Carter C	25 of 25
	---R---	09:00-11:20 AM	08/25/16-10/27/16	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.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_192)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80971 001 F2F	-T-----	05:30-07:20 PM	08/23/16-10/11/16	GYM 013	Dey R	25 of 25
80972 002 F2F	M-W----	01:00-01:50 PM	10/17/16-12/07/16	GYM 013	Dey R	25 of 25
80973 350 ONLNE	-----	-	08/22/16-11/13/16	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						
80974 351 ONLNE	-----	-	08/22/16-11/13/16	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

80975 352 ONLNE ----- - 08/22/16-11/13/16 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

80976 353 ONLNE ----- - 08/22/16-11/13/16 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

80977 354 ONLNE ----- - 10/17/16-12/11/16 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

80979 355 ONLNE ----- - 10/17/16-12/11/16 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.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_195)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80982 002 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	ATB 127	Edwinson B	20 of 20

HPER 200 - First Aid and CPR

After completing this course, students should be able to perform the basic skills of first aid. The course will cover cause, prevention and first aid care of common emergencies. Certification may be earned in first aid, cardiopulmonary resuscitation and automated external defibrillators (AED). 2 hrs. lecture/wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_200) Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
81007 001 F2F	M-W----	02:00-02:50 PM	08/22/16-12/18/16	GYM 021	Dey R	18 of 18
81008 002 F2F	M-----	07:30-09:20 PM	08/22/16-12/18/16	GYM 021	Hootman T	18 of 18
81009 003 F2F	-T-----	07:30-09:20 PM	08/23/16-12/18/16	GYM 021	Hootman T	18 of 18
81010 004 F2F	-T-R---	08:00-09:20 AM	09/06/16-11/10/16	GYM 021	Hootman T	18 of 18
81011 005 F2F	-T-R---	02:00-03:20 PM	09/06/16-11/10/16	GYM 021	Hootman T	18 of 18
81012 006 F2F	-T-R---	05:30-07:20 PM	10/18/16-12/08/16	GYM 021	Hootman T	18 of 18
81013 376 HYB	M-W----	10:00-10:50 AM	10/03/16-12/07/16	GYM 021	Brown S	18 of 18
	-----	-	10/03/16-12/11/16	Online		

Mandatory Classroom Meetings

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

81014 377 HYB	M-----	11:00-11:50 AM	08/22/16-12/18/16	GYM 021	Brown S	18 of 18
	-----	-	08/22/16-12/18/16	Online		

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

81016 379 HYB	-----	-	08/22/16-12/18/16	Online	Brown S	18 of 18
	-T-----	11:00-11:50 AM	08/23/16-12/18/16	GYM 021		

Mandatory Classroom Meetings

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

81017 380 HYB	-----	-	08/22/16-12/18/16	Online	Brown S	18 of 18
	--W----	11:00-11:50 AM	08/24/16-12/18/16	GYM 021		

Mandatory Classroom Meetings
 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

81018 381 HYB	-----	-	10/10/16-12/18/16	Online	Brown S	18 of 18
	-T-R--	12:30-01:20 PM	10/11/16-12/15/16	GYM 021		

Mandatory Classroom Meetings
 Note: You must attend class on Tuesdays and Thursdays throughout the semester. The course will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, all assignments, exams and communication functions will be done online

HPER 202 - Personal Community Health

This course is designed to provide the student with the knowledge and understanding to make positive, healthy lifestyle choices. In addition, students will learn about issues within the community that affect their daily health, both directly and indirectly. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_202) Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
81034 001 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	GYM 013	Carrier D	24 of 24
81035 002 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	GYM 013	Carrier D	24 of 24
81036 003 F2F	-T-R--	12:30-01:50 PM	08/23/16-12/18/16	GYM 013	Stinson J	24 of 24
81037 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Mallory L	25 of 25
Note: All assignments and tests will be done online						
81038 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Stinson J	25 of 25
Note: All assignments and tests will be done online						
81039 352 ONLNE	-----	-	08/22/16-12/18/16	Online	Carrier D	25 of 25
Note: All assignments and tests will be done online						
81040 353 ONLNE	-----	-	08/22/16-12/18/16	Online	Mallory L	25 of 25
Note: All assignments and tests will be done online						
81041 354 ONLNE	-----	-	08/22/16-12/18/16	Online	Stinson J	25 of 25
Note: All assignments and tests will be done online						
81042 355 ONLNE	-----	-	08/22/16-12/18/16	Online	Carrier D	25 of 25
Note: All assignments and tests will be done online						
81043 356 ONLNE	-----	-	08/22/16-12/18/16	Online	Mallory L	25 of 25
Note: All assignments and tests will be done online						
81044 357 ONLNE	-----	-	09/05/16-11/13/16	Online	Stinson J	25 of 25
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						
81045 358 ONLNE	-----	-	09/05/16-11/13/16	Online	Carrier D	25 of 25
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.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_204)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_208)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81047 001 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	GYM 013	Brethauer S	24 of 24
81048 002 F2F	-T-R---	11:00-12:20 PM	08/23/16-12/18/16	GYM 013	Groves P	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.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81049 001 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	SCI 120	Canary D	18 of 18

HPER 224 - Outdoor Recreation

This course introduces the student to activities that create interaction between the individual and elements of the outdoor recreational setting. Outdoor Recreation students study the fundamental basics of governmental, private and public control of recreational lands. Outdoor recreation projects include a variety of outdoor activities, such as camping, hiking, nature observation, biking, rock climbing, canoeing, skiing, map and compass, outdoor safety, and how to dress and pack for outdoor adventures. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_224)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81050 350 ONLINE	-----	-	08/22/16-12/18/16	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

81051 351 ONLINE	-----	-	09/19/16-12/18/16	Online	Burgess C	25 of 25
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Note: During this class students will communicate with the instructor and classmates regarding their outdoor recreational experiences and complete written assignments and tests online

Requirement: unavailable

HPER 240 - Lifetime Fitness I

Lifetime Fitness introduces the student to basic fitness principles, physical activity and the relationship to a healthy lifestyle. This class is designed to provide a variety of physical activity experiences. Students will gain an understanding of the necessary skills needed to develop and implement personal lifestyle improvements related to cardiovascular fitness, muscular strength, muscular endurance, flexibility and body composition. Physical activity tracking will be utilized in this course.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81157 001 F2F	-----	-	08/22/16-12/18/16	GYM 103	Triplett P	25 of 25

Lifetime Fitness

Note: Lifetime Fitness I requires an initial hour and a half orientation. You must schedule your orientation online through Desire2Learn starting Monday, July , 2016. 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, August ,2016 and end on Wednesday, September , 2016 or you will be dropped for non-attendance. If you have further questions call 913-469-4432

81158	002 F2F	-----	-	08/22/16-12/18/16	GYM 103	Triplett P	25 of 25
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Lifetime Fitness

Note: Lifetime Fitness I requires an initial hour and a half orientation. You must schedule your orientation online through Desire2Learn starting Monday, July , 2016. 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, August ,2016 and end on Wednesday, September , 2016 or you will be dropped for non-attendance. If you have further questions call 913-469-4432

81159	003 F2F	-----	-	08/22/16-12/18/16	GYM 103	Triplett P	25 of 25
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Lifetime Fitness

Note: Lifetime Fitness I requires an initial hour and a half orientation. You must schedule your orientation online through Desire2Learn starting Monday, July , 2016. 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, August ,2016 and end on Wednesday, September , 2016 or you will be dropped for non-attendance. If you have further questions call 913-469-4432

81160	004 F2F	-----	-	08/22/16-12/18/16	GYM 103	Triplett P	25 of 25
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Lifetime Fitness

Note: Lifetime Fitness I requires an initial hour and a half orientation. You must schedule your orientation online through Desire2Learn starting Monday, July , 2016. 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, August ,2016 and end on Wednesday, September , 2016 or you will be dropped for non-attendance. If you have further questions call 913-469-4432

81161	005 F2F	-----	-	08/22/16-12/18/16	GYM 103	Triplett P	25 of 25
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Lifetime Fitness

Note: Lifetime Fitness I requires an initial hour and a half orientation. You must schedule your orientation online through Desire2Learn starting Monday, July , 2016. 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, August ,2016 and end on Wednesday, September , 2016 or you will be dropped for non-attendance. If you have further questions call 913-469-4432

81162	006 F2F	-----	-	08/22/16-12/18/16	GYM 103	Triplett P	25 of 25
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Lifetime Fitness

Note: Lifetime Fitness I requires an initial hour and a half orientation. You must schedule your orientation online through Desire2Learn starting Monday, July , 2016. 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, August ,2016 and end on Wednesday, September , 2016 or you will be dropped for non-attendance. If you have further questions call 913-469-4432

81163	007 F2F	-----	-	08/22/16-12/18/16	GYM 103	Thompson S	200 of 200
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Lifetime Fitness

Note: Lifetime Fitness I requires an initial hour and a half orientation. You must schedule your orientation online through Desire2Learn starting Monday, July , 2016. 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, August ,2016 and end on Wednesday, September , 2016 or you will be dropped for non-attendance. If you have further questions call 913-469-4432

81167	008 F2F	-----	-	08/29/16-12/18/16	GYM 103	Brown S	50 of 50
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Lifetime Fitness

Note: Lifetime Fitness I requires an initial hour and a half orientation. You must schedule your orientation online through Desire2Learn starting Monday, July , 2016. 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, August ,2016 and end on Wednesday, September , 2016 or you will be dropped for non-attendance. If you have further questions call 913-469-4432

Requirement: Department approval

81164	350 ONLNE	-----	-	08/22/16-12/18/16	Online	Brown S	20 of 20
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Lifetime Fitness

Note: All assignments and tests will be online. You will be required to use a heart rate monitor or similar tracking device during your workouts. For questions regarding this class, please e-mail the instructor, Susan Brown

81165	351 ONLNE	-----	-	08/22/16-12/18/16	Online	Brown S	20 of 20
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Lifetime Fitness

Note: All assignments and tests will be online. You will be required to use a heart rate monitor or similar tracking device during your workouts. For questions regarding this class, please e-mail the instructor, Susan Brown

81166	376 HYB	-----	-	09/19/16-12/18/16	Online	Hall T	20 of 20
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		---R---	11:00-11:50 AM	09/22/16-12/18/16	GYM 022		
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Lifetime Fitness

Note: This class consists of 12 mandatory on campus class sessions and out of class workouts. The on campus session will consist of different workouts designed to introduce the student to various exercise equipment and fitness routines. You will be required to use an electronic tracking device during off campus workouts. For questions regarding this class, please e-mail the instructor, Tim Hall

81173	377 HYB	M-----	11:00-11:50 AM	09/19/16-12/18/16	GYM 022	Hall T	20 of 20
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		-----	-	09/19/16-12/18/16	Online		
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Lifetime Fitness

Note: This class consists of 12 mandatory on campus class sessions and out of class workouts. The on campus session will consist of different workouts designed to introduce the student to various exercise equipment and fitness routines. You will be required to use an electronic tracking device during off campus workouts. For questions regarding this class, please e-mail the instructor, Tim Hall

HPER 241 - Lifetime Fitness II

This course is a continuation and expansion of Lifetime Fitness I. 2 hrs./wk.

Credit Hours: 1

Prerequisite: HPER 240

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_241)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81168 001 F2F	-----	-	08/22/16-12/18/16	GYM 103	Dey R	25 of 25
<i>Lifetime Fitness</i>						
81169 002 F2F	-----	-	08/22/16-12/18/16	GYM 103	Dey R	25 of 25
<i>Lifetime Fitness</i>						
81170 003 F2F	-----	-	08/22/16-12/18/16	GYM 103	Hall T	100 of 100
<i>Lifetime Fitness</i>						
81172 004 F2F	-----	-	08/29/16-12/18/16	GYM 103	Brown S	50 of 50
<i>Lifetime Fitness</i>						
Requirement: Department approval						
81171 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Brown S	20 of 20
<i>Lifetime Fitness</i>						
Note: All assignments and tests will be online. You will be required to use a heart rate monitor or similar tracking device during your workouts. For questions regarding this class, please e-mail the instructor, Susan Brown						
81174 377 HYB	-----	-	09/19/16-12/18/16	Online	Hall T	20 of 20
	--W----	11:00-11:50 AM	09/21/16-12/18/16	GYM 022		
<i>Lifetime Fitness</i>						
Note: This class consists of 12 mandatory on campus class sessions and out of class workouts. The on campus session will consist of different workouts designed to introduce the student to various exercise equipment and fitness routines. You will be required to use an electronic tracking device during off campus workouts. For questions regarding this class, please e-mail the instructor, Tim Hall						

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.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81052 001 F2F	-T-R---	09:30-10:50 AM	08/23/16-12/18/16	GYM 021	Stinson J	24 of 24
	-T-R---	09:30-10:50 AM	08/23/16-12/18/16	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.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81053 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Mallory L	25 of 25
Note: All assignments and tests will be online						
81054 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Mallory L	25 of 25
Note: All assignments and tests will be online						

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/coursedescriptions/hum/#HUM_122) Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
81950 001 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	CC 344	Hoare T	35 of 35
81951 002 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	CC 344	Murphy J	35 of 35
81952 003 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	CC 344	Chen S	35 of 35
81953 004 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	CC 344	Chen S	35 of 35
81954 005 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	CC 344	Hoare T	35 of 35
81955 006 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CC 344	Chen S	35 of 35
81956 007 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	CC 344	Chen S	35 of 35
81957 008 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	CC 344	Hoare T	35 of 35
81958 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Robertson M	25 of 25
81959 352 ONLINE	-----	-	08/22/16-12/18/16	Online	Garrett M	25 of 25
81960 353 ONLINE	-----	-	08/22/16-12/18/16	Online	Garrett M	25 of 25
81961 354 ONLINE	-----	-	08/22/16-12/18/16	Online	Domoney J	25 of 25

HUM 145 - Introduction to World Humanities I

This course will acquaint students with the arts and ideas of the world's major civilizations, from antiquity through the Renaissance. The approach will be interdisciplinary, covering the artistic values embodied in painting, sculpture, architecture, literature, theater, music and dance as they have emerged out of their historical contexts. In addition to providing the fundamental principles, methodologies and theories used in the study of the humanities, the course aims to enhance students' understanding of the contemporary world. 3 hrs. lecture/wk. This course is taught in the fall semester.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hum/#HUM_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81962 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Murphy J	25 of 25

HUM 150 - Islam: Religion & Civilization

This course covers the context in which Islam arose; the career of the Prophet Muhammad; the main teachings and practices of the religion; the Qur'an and other early Islamic literature; subsequent political developments in the religion and its spread; its main religious branches; its history during the Middle Ages; the Christian crusades and their consequences; the major components of Islamic civilization including law, the arts, literature, philosophy, science, and mathematics; Sufi; the effects of Western imperialism upon Islamic states; major developments in Islamic thought and practice since the seventeenth century; the Islamic diaspora; and Islam today. HUM 150 is the same course as HIST 150 and REL 150; enroll in one only. 3 hrs. lecture/wk. This course is taught in the fall semester.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hum/#HUM_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81963 001 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	CC 338	Bevell Hull M	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/coursedescriptions/hum/#HUM_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81964 001 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	CC 338	Bailes K	35 of 35
81965 002 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CC 338	Robertson M	35 of 35
81966 003 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	CC 338	Norcott-Mahany B	35 of 35
81967 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Norcott-Mahany B	25 of 25
81968 352 ONLNE	-----	-	08/22/16-12/18/16	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/coursedescriptions/hum/#HUM_156)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81969 001 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	CC 338	Bailes K	35 of 35

HUM 165 - Introduction to Chinese Culture

The course acquaints students with the ideas, culture, and arts of China, from its prehistory through the present day, using a thematic structure that reflects the interplay of diversity and unity that characterizes Chinese culture and history in ways that simultaneously conflict with and complement each other. The approach is interdisciplinary, examining a long tradition of philosophy and religion that permeates all aspects of Chinese life, the values embodied in various traditional and modern arts, and how nature, the environment and issues of sustainability are understood via Chinese schools of thought. In addition to developing students' appreciation of China's contribution to world culture, the course aims to enhance students' understanding of the contemporary world. 3hrs. lecture/wk. This course is taught in the fall semester.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hum/#HUM_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81970 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Chen S	25 of 25

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 \(http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_105\)](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_105)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80088 001 F2F	-T-R---	08:00-09:20 AM	08/23/16-12/18/16	ATB 127	Clyde J	18 of 18
	Lab -T-R---	09:30-10:50 AM	08/23/16-12/18/16	ATB 148		
<i>Kansas Senate Bill SB 155</i>						
80090 002 F2F	-T-R---	06:00-07:20 PM	08/23/16-12/18/16	ATB 164	Faculty	18 of 18
	Lab -T-R---	07:30-08:50 PM	08/23/16-12/18/16	ATB 148		
<i>Kansas Senate Bill SB 155</i>						

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 \(http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_110\)](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80093 001 F2F	-T-R---	11:30-12:50 PM	08/23/16-12/18/16	ATB 164	Clyde J	18 of 18
	Lab -T-R---	01:00-02:20 PM	08/23/16-12/18/16	ATB 164		
<i>Kansas Senate Bill SB 155</i>						
80096 002 F2F	M-W----	06:00-07:20 PM	08/22/16-12/18/16	ATB 164	Zuck H	18 of 18
	Lab M-W----	07:30-08:50 PM	08/22/16-12/18/16	ATB 164		
<i>Kansas Senate Bill SB 155</i>						

HVAC 125 - Energy Alternatives

Upon successful completion of this course, the student should be able to identify diverse methods of alternate energy production. Some of the technologies that will be discussed are wind energy, photoelectric energy, nuclear energy, hydroelectric energy, biomass and alternate fuel vehicles. Students will understand the advantages of using various alternate energy technologies, the effects or by-products of each and the problems that might be encountered. Some student research will be included in the context of the course. Emphasis will be on the most promising or effective alternate energy technologies available. 2 hrs. lecture/wk.

Credit Hours: 2

[Outline \(http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_125\)](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80097 001 F2F	--W----	03:00-04:50 PM	08/24/16-12/18/16	ATB 127	Eberle D	18 of 18
<i>Kansas Senate Bill SB 155</i>						

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 \(http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_136\)](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_136)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80098 001 F2F	M-W----	08:00-08:50 AM	08/22/16-12/18/16	ATB 127	Steinmetz M	18 of 18
	Lab M-W----	09:00-10:20 AM	08/22/16-12/18/16	ATB 148		
<i>Kansas Senate Bill SB 155</i>						
80099 002 F2F	M-W----	06:00-06:50 PM	08/22/16-12/18/16	ATB 128	Leikam S	18 of 18
	Lab M-W----	07:00-08:20 PM	08/22/16-12/18/16	ATB 148		
<i>Kansas Senate Bill SB 155</i>						

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

Outline (http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_142)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80101 001 F2F	M-W----	08:00-08:50 AM	08/22/16-12/18/16	ATB 155	Hendren H	16 of 16
	Lab M-W----	09:00-10:20 AM	08/22/16-12/18/16	ATB 131		
<i>Kansas Senate Bill SB 155</i>						
81176 002 F2F	Lab M-W----	06:00-06:50 PM	08/22/16-12/18/16	ATB 164	Eberle D	16 of 16
	M-W----	07:00-08:20 PM	08/22/16-12/18/16	ATB 125		
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/hvac/#HVAC_164)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80103 001 F2F	-----S-	08:00-05:00 PM	10/15/16-10/22/16	ATB 127	Lamping J	20 of 20

HVAC 165 - 410-A Refrigerant Management

Upon completion of this course, the students should be able to understand nuances of new refrigerants on the market. The student should have a complete understanding and knowledge of the characteristics of R-410-A. Upon completion of this course, the student should be able to pass the examination set forth by a third-party testing facility. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80106 001 F2F	-----S-	08:00-05:00 PM	09/17/16-09/24/16	ATB 127	Lamping J	20 of 20

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 \(http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_167\)](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_167)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80107 001 F2F	M-W----	11:00-11:50 AM	08/22/16-12/18/16	ATB 131	Hendren H	18 of 18
	Lab M-W----	12:00-01:20 PM	08/22/16-12/18/16	ATB 168C		

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 and HVAC 110

[Outline \(http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_201\)](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_201)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80108 001 F2F	-T-R---	08:00-08:50 AM	08/23/16-12/18/16	ATB 131	Lamping J	18 of 18
	Lab -T-R---	09:00-10:20 AM	08/23/16-12/18/16	ATB 148		

Kansas Senate Bill SB 155

HVAC 231 - HVAC Rooftop Units

Topics will include electrical controls and economizers of various rooftop units, roof curbs, installation, service, diagnosis, evacuation and charging of typical light commercial rooftop units. The student will be required to provide ANSI Z87 safety glasses and may be expected to provide other basic hand tools and/or equipment. 2 hrs. lecture and 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$30 to 150

Prerequisites: HVAC 105 and HVAC 110

[Outline \(http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_231\)](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80109 001 F2F	Lab M-W----	06:00-07:20 PM	08/22/16-12/18/16	ATB 148	Lamping J	18 of 18
	M-W----	07:30-08:20 PM	08/22/16-12/18/16	ATB 128		

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 and HVAC 110

[Outline \(http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_236\)](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_236)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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80111 001 F2F	M-W----	11:00-11:50 AM	08/22/16-12/18/16	ATB 127	Lamping J	18 of 18
Lab	M-W----	12:00-01:20 PM	08/22/16-12/18/16	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

Outline (http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_242)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80112 001 F2F	-T-R---	06:00-06:50 PM	08/23/16-12/18/16	ATB 125	Hendren H	18 of 18
Lab	-T-R---	07:00-08:20 PM	08/23/16-12/18/16	ATB 155		

Kansas Senate Bill SB 155

HVAC 250 - HVAC Installation and Start-up Procedures

Upon successful completion of this course, the student will be able to identify techniques and procedures to install new systems and retrofit systems. Topics include initial start-up, maintenance of furnaces and air conditioners, electrical requirements, permits and inspections, combustion air, sheet metal and applying mechanical standards. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$30-150

Prerequisites or Corequisites: HVAC 201 and HVAC 236

Outline (http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80113 001 F2F	-T-R---	11:00-11:50 AM	08/23/16-12/18/16	ATB 127	Lamping J	18 of 18
Lab	-T-R---	12:00-01:20 PM	08/23/16-12/18/16	ATB 148		

Kansas Senate Bill SB 155

80118 002 F2F	-T-R---	06:00-06:50 PM	08/23/16-12/18/16	ATB 128	Leone N	18 of 18
Lab	-T-R---	07:00-08:20 PM	08/23/16-12/18/16	ATB 148		

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/coursedescriptions/hvac/#HVAC_280)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80119 501 INT	-----	-	08/22/16-12/18/16		Hendren H	10 of 10

Kansas Senate Bill SB 155

Requirement: Department approval

80120 503 INT	-----	-	08/22/16-12/18/16		Hendren H	10 of 10
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Industrial Technology**INDT 125 - Industrial Safety/OSHA 30**

Upon successful completion of this course, participants will be able to clearly identify, define and explain general industry hazards and acceptable corrective measures in accordance with the 29th Code of Federal Regulations, Part 1910 (29 CFR 1910), Occupational Safety & Health Administration (OSHA) General Industry Regulations. The OSHA course-completion card can be earned simultaneously with completion of this college course, at the discretion of the student and fulfillment of OSHA's requirements. 3 hrs. lecture/wk.

Credit Hours: 3**Associated Costs:** \$5-\$20Outline (http://catalog.jccc.edu/coursedescriptions/indt/#INDT_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80811 001 F2F	----F--	09:00-11:50 AM	08/26/16-12/18/16	ATB 131	Gilmore S	18 of 18
<i>Kansas Senate Bill SB 155</i>						
Note: Attendance at all class sessions is mandatory in order to receive the OSHA completion card. No exceptions will be made						
80812 002 F2F	-T-----	02:00-04:50 PM	08/23/16-12/18/16	ITC 122	Gilmore S	18 of 18
<i>Kansas Senate Bill SB 155</i>						
Note: Attendance at all class sessions is mandatory in order to receive the OSHA completion card. No exceptions will be made						
80813 003 F2F	-T-----	05:00-07:50 PM	08/23/16-12/18/16	ATB 131	Gilmore S	18 of 18
<i>Kansas Senate Bill SB 155</i>						
Note: Attendance at all class sessions is mandatory in order to receive the OSHA completion card. No exceptions will be made						
80814 004 F2F	-----S-	08:00-05:15 PM	08/27/16-10/01/16	ATB 131	Burks D	18 of 18
<i>Kansas Senate Bill SB 155</i>						
Note: Attendance at all class sessions is mandatory in order to receive the OSHA completion card. No exceptions will be made						
80815 005 F2F	---R---	02:00-04:50 PM	08/25/16-12/18/16	ATB 131	Gilmore S	18 of 18
<i>Kansas Senate Bill SB 155</i>						
Note: This section is reserved for HVAC majors only. Attendance at all class sessions is mandatory in order to receive the OSHA completion card. No exceptions will be made						
Requirement: Department approval						
82127 006 F2F	MTW----	12:00-01:50 PM	08/22/16-10/05/16	ITC 189	Gilmore S	16 of 16
<i>Kansas Senate Bill SB 155</i>						
Note: This section is open to AET majors only. Attendance at all class sessions is mandatory in order to receive the OSHA completion card. No exceptions will be made						
Requirement: Department approval						

INDT 150 - Construction Safety/OSHA 30

Upon the successful completion of this course, participants will be able to clearly identify, define and explain Construction Industry hazards and acceptable corrective measures in accordance with the 29th Code of Federal Regulations, Part 1926 (29 CFR 1926), Occupational Safety and Health Administration (OSHA) Construction Industry Regulations. The OSHA course completion card can be earned simultaneously with completion of this college course, at the discretion of the student and fulfillment of OSHA's requirements. 3 hrs. lecture/wk.

Credit Hours: 3**Associated Costs:** \$5-\$20Outline (http://catalog.jccc.edu/coursedescriptions/indt/#INDT_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80816 001 F2F	----F--	12:00-02:50 PM	08/26/16-12/18/16	ATB 131	Gilmore S	18 of 18
<i>Kansas Senate Bill SB 155</i>						
Note: Attendance at all class sessions is mandatory in order to receive the OSHA completion card. No exceptions will be made						

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/coursedescriptions/indt/#INDT_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80817 001 F2F	----F--	01:00-01:50 PM	08/26/16-12/18/16	ATB 127	Bedell T	18 of 18
80818 002 F2F	M-----	05:00-05:50 PM	08/22/16-12/18/16	ITC 183	Bedell T	18 of 18
80820 003 F2F	---R---	12:00-01:50 PM	08/25/16-10/06/16	ATB 129	Weible M	18 of 18
Note: This section is open to ELTE majors only. Qualified enrollment approval required. Please contact (913) 469-8500 ext. 3630 for approval Requirement: Department approval						
80821 004 F2F	M-----	02:00-02:50 PM	08/22/16-12/18/16	ATB 127	Hendren H	20 of 20
Note: This section is reserved for HVAC majors only Requirement: Department approval						
80823 005 F2F	-----SU	08:00-05:00 PM	10/08/16-10/09/16	ATB 127	Bedell T	20 of 20
Note: This class meets both Saturday AND Sunday						

Interpreter Training

INTR 122 - Intermediate American Sign Language I

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

Credit Hours: 3

Associated Costs: \$10 to 20

Prerequisite: INTR 121 or ASL 121 or FL 181 with a grade of "C" or higher and **Corequisite:** Students accepted in the interpreter training program must take corequisites of INTR 130 and INTR 126 and (INTR 147 or ASL 145) and (INTR 145 or ASL 145) all with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/intr/#INTR_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82411 001 F2F	M-W-F--	08:00-09:50 AM	08/22/16-12/18/16	GEB 215	Luton D	12 of 12
<i>Kansas Senate Bill SB 155</i>						
82412 002 F2F	M-W-F--	11:30-01:20 PM	08/22/16-12/18/16	GEB 215	Luton D	12 of 12
<i>Kansas Senate Bill SB 155</i>						

INTR 126 - Classifiers in American Sign Language

The course will provide an in-depth analysis of classifiers in ASL through discussion and demonstration of the three different categories of classifiers in ASL: representative classifiers (noun and its action), descriptive classifiers (size-and-shape, extent, perimeter, pattern and texture), and instrumental classifiers (manipulative and handle). Students will learn to comprehend and produce classifiers from all three categories. 4 hrs. integrated lecture/lab/wk.

Credit Hours: 2

Associated Costs: \$400 to 500

Prerequisites: INTR 121 or ASL 121 with grade of "C" or higher and acceptance in the interpreter training program **Corequisites:** (INTR 122 or ASL 122) and INTR 130 and (INTR 147 or ASL 147) and (INTR 145 or ASL 145)

Outline (http://catalog.jccc.edu/coursedescriptions/intr/#INTR_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82414 001 F2F	-T-R---	08:00-09:50 AM	08/23/16-12/18/16	GEB 215	Symansky R	12 of 12
<i>Kansas Senate Bill SB 155</i>						

INTR 130 - Survey of the Interpreting Profession

This course provides an introduction to interpreting as an occupation. Students will come to understand interpersonal communication skills, professional ethics, parameters of responsibilities, community resources and legal ramifications as they relate to the interpreter. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10 to 50

Prerequisites: INTR 121 or FL 181 or ASL 121 with a grade of "C" or higher and acceptance in the interpreter training program **Corequisites:** (INTR 122 or ASL 122) and INTR 126 and (INTR 147 or ASL 147) and (INTR 145 or ASL 145) all with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/intr/#INTR_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82416 001 F2F	---R---	10:00-12:50 PM	08/25/16-12/18/16	GEB 215	Kuhns K	24 of 24

INTR 145 - Introduction to the Deaf Community

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

Credit Hours: 3

Associated Costs: \$10 to 50

Prerequisite: Acceptance to interpreter training program and **Prerequisite or corequisite:** ANTH 125 and SPD 120 for Interpreter Training Program **Corequisites for Interpreter Training Prog:** INTR 122 and INTR 126 and INTR 130 and INTR 147 all with a grade of "C" or higher **Note:** Prerequisite or corequisite of INTR 120 or ASL 120 or FL 180 required for students in the American Sign Language Studies Certificate

Outline (http://catalog.jccc.edu/coursedescriptions/intr/#INTR_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82417 001 F2F	-T-----	10:00-12:50 PM	08/23/16-12/18/16	GEB 215	Kuhns K	24 of 24

INTR 147 - Fingerspelling I

Students will work on developing beginning expressive and receptive fingerspelling skills based on word recognition principles. 3 hrs. integrated lecture/lab/wk. The daytime sections are open only to students in the interpreter training program. INTR 147 and ASL 147 are the same course; do not enroll in both.

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

Credit Hours: 2

Prerequisite: INTR 121 or FL 181 or ASL 121 with a grade of "C" or higher and **Corequisites:** For students accepted in the interpreter training program, enroll in: (INTR 122 or ASL 122) and INTR 126 and INTR 130 and (INTR 145 or ASL 145) all with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/intr/#INTR_147)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82418 001 F2F	M-W----	10:00-11:20 AM	08/22/16-12/18/16	GEB 215	Luton D	24 of 24

INTR 181 - Interpreting Practicum I

Students will observe skilled interpreters in various interpreting situations in a variety of settings during the semester. 2 hrs. lab, field work/wk.

Credit Hours: 1

Associated Costs: \$10 to 50

Prerequisites: INTR 130 and INTR 145 with a grade of "C" or higher and **Corequisites:** INTR 223 and INTR 226 and INTR 250 all with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/intr/#INTR_181)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82419 500 INT	-----	-	08/22/16-12/18/16	Online	Faculty	12 of 12

Kansas Senate Bill SB 155

INTR 223 - Advanced American Sign Language

This course is a continuation of Intermediate American Sign Language II. Students will learn about culturally significant topics related to the Deaf community, more complex ASL grammatical features and conversational skill development. Comprehension skills and linguistic features of ASL will be taught to a variety of contexts in simulated, typical interaction. Students will have opportunities to utilize what they learn about advanced ASL through class activities, dialogues, short stories, general conversations and class discussions. Sign comprehension and production skills will be emphasized. This course meets for six hours of internship/week.

Credit Hours: 3

Associated Costs: \$10 to 25

Prerequisite: INTR 123 or ASL 123 or FL 271 with a grade of "C" or higher **Corequisites:** INTR 250 and INTR 226 and INTR 181 all with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/intr/#INTR_223)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82420 001 F2F	M-W-F--	08:00-09:50 AM	08/22/16-12/18/16	GEB 311	Symansky R	6 of 6
82421 002 F2F	M-W-F--	10:00-11:50 AM	08/22/16-12/18/16	GEB 311	Symansky R	6 of 6

Kansas Senate Bill SB 155

INTR 226 - Specialized and Technical Vocabulary

This course will expand the interpreter training students' vocabulary related to specialized and technical contexts. Students will discuss vocabulary use in a variety of contexts to include socially restricted terms and phrases Deaf people use; colloquialisms; varying registers; terminology in medical, mental health, religion, sex, drugs; and strong language in ASL. Students' development of comprehension and production skills in common formal and informal settings will be emphasized. Students will also discuss Signing Exact English (SEE II) and the differences from American Sign Language (ASL). 4 hrs. integrated lecture-lab/wk.

Credit Hours: 2

Associated Costs: \$10 to 50

Prerequisite: INTR 123 or ASL 123 with a grade of "C" or higher **Corequisites:** INTR 181 and INTR 250 and INTR 223 all with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/intr/#INTR_226)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82422 001 F2F	-T-R---	08:00-09:50 AM	08/23/16-12/18/16	GEB 311	Luton D	6 of 6

Kansas Senate Bill SB 155

Information Technology

IT 120 - CompTIA A+ Practical Applications

Students will gain knowledge required to install, configure and maintain software for end users. This course will also cover the basics of networking as well as networking security/forensics. Students will apply troubleshooting skills to properly and safely diagnose, resolve and document common software issues. Students will also apply appropriate customer support and soft skills, understand the basics of virtualization and examine desktop imaging and deployment. 2 hrs. lecture/wk, 2 hrs. lab/wk, 1 hr. open lab/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/it/#IT_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82513 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Lutz A	15 of 15
<i>Accelerating Opportunity KS Kansas Senate Bill SB 155</i>						
82514 376 HYB	-T-R---	08:00-08:50 AM	08/23/16-12/18/16	RC 323	Lutz A	15 of 15
	-----	-	08/23/16-12/18/16	Online		
<i>Accelerating Opportunity KS Kansas Senate Bill SB 155 Mandatory Classroom Meetings</i>						
82515 377 HYB	--W----	06:00-07:50 PM	08/24/16-12/18/16	RC 350	Faculty	15 of 15
	-----	-	08/24/16-12/18/16	Online		
<i>Kansas Senate Bill SB 155 Accelerating Opportunity KS Mandatory Classroom Meetings</i>						
82516 378 HYB	---R---	01:00-02:50 PM	08/25/16-12/18/16	RC 340	Lutz A	15 of 15
	-----	-	08/25/16-12/18/16	Online		
<i>Accelerating Opportunity KS Mandatory Classroom Meetings Kansas Senate Bill SB 155</i>						

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/coursedescriptions/it/#IT_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82517 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Renfro T	15 of 15
<i>Kansas Senate Bill SB 155</i>						
82518 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Renfro T	15 of 15
<i>Kansas Senate Bill SB 155</i>						
82519 352 ONLINE	-----	-	08/22/16-12/18/16	Online	Renfro T	15 of 15
<i>Kansas Senate Bill SB 155</i>						
82520 376 HYB	M-----	10:00-11:50 AM	08/22/16-12/18/16	RC 350	Lutz A	15 of 15
	-----	-	08/22/16-12/18/16	Online		
<i>Mandatory Classroom Meetings Kansas Senate Bill SB 155</i>						
82521 377 HYB	M-----	06:00-07:50 PM	08/22/16-12/18/16	RC 350	Faculty	15 of 15
	-----	-	08/22/16-12/18/16	Online		
<i>Mandatory Classroom Meetings Kansas Senate Bill SB 155</i>						
82522 378 HYB	--W----	01:00-02:50 PM	08/24/16-12/18/16	RC 350	Renfro T	15 of 15
	-----	-	08/24/16-12/18/16	Online		
<i>Kansas Senate Bill SB 155 Mandatory Classroom Meetings</i>						
82523 379 HYB	----F--	06:00-07:50 PM	08/26/16-12/18/16	RC 350	Faculty	15 of 15
	-----	-	08/26/16-12/18/16	Online		
<i>Mandatory Classroom Meetings Kansas Senate Bill SB 155</i>						

10/20/16-12/08/16

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/coursedescriptions/it/#IT_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82525 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Akkam M	15 of 15
<i>Kansas Senate Bill SB 155</i>						
82526 376 HYB	-T-----	10:00-11:50 AM	08/23/16-12/18/16	RC 352	Akkam M	15 of 15
	-----	-	08/23/16-12/18/16	Online		
<i>Mandatory Classroom Meetings</i> <i>Kansas Senate Bill SB 155</i>						
82527 377 HYB	-T-----	06:00-07:50 PM	08/23/16-12/18/16	RC 352	Akkam M	15 of 15
	-----	-	08/23/16-12/18/16	Online		
<i>Mandatory Classroom Meetings</i> <i>Kansas Senate Bill SB 155</i>						

IT 201 - Network Security Fundamentals

This course is designed to provide an introduction to the core security concepts and skills needed for the installation, troubleshooting and monitoring of network devices to maintain the integrity, confidentiality and availability of data and devices. Topics covered include network threats, mitigation techniques, securing network devices, implementing firewall technologies, implementing intrusion prevention, securing local area networks (LANs), implementing virtual private networks (VPNs), and managing a secure network. Hands-on exercises will be used to reinforce the concepts. 2 hrs. lecture, 3 hrs. lab/wk

Credit Hours: 4

Prerequisite: IT 145

Outline (http://catalog.jccc.edu/coursedescriptions/it/#IT_201)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82528 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Akkam M	15 of 15
<i>Kansas Senate Bill SB 155</i>						
82529 376 HYB	---R---	06:00-07:50 PM	08/25/16-12/18/16	RC 352	Faculty	15 of 15
	-----	-	08/25/16-12/18/16	Online		
<i>Kansas Senate Bill SB 155</i> <i>Mandatory Classroom Meetings</i>						

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/coursedescriptions/it/#IT_203)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82530 376 HYB	M-----	06:00-07:50 PM	08/22/16-12/18/16	RC 352	Syed M	15 of 15
	-----	-	08/22/16-12/18/16	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/coursedescriptions/it/#IT_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82531 376 HYB	M-----	10:00-11:50 AM	08/22/16-12/18/16	RC 340	Gordon J	15 of 15
	-----	-	08/22/16-12/18/16	Online		

Mandatory Classroom Meetings
Kansas Senate Bill SB 155

82532 377 HYB	-T-----	01:00-02:50 PM	08/23/16-12/18/16	RC 340	Gordon J	15 of 15
	-----	-	08/23/16-12/18/16	Online		

Kansas Senate Bill SB 155

82533 378 HYB	-T-R---	06:00-07:50 PM	08/23/16-10/11/16	RC 340	Huff C	15 of 15
	-----	-	08/23/16-10/11/16	Online		

Mandatory Classroom Meetings
Kansas Senate Bill SB 155

82534 379 HYB	----F--	01:00-02:50 PM	08/26/16-12/18/16	RC 340	Mein P	15 of 15
	-----	-	08/26/16-12/18/16	Online		

Mandatory Classroom Meetings
Kansas Senate Bill SB 155

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/coursedescriptions/it/#IT_209)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82535 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Al-Rawi A	15 of 15
82536 376 HYB	----F--	06:00-07:50 PM	08/26/16-12/18/16	RC 352	Peterson M	15 of 15
	-----	-	08/26/16-12/18/16	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

Prerequisite or Corequisite: IT 205

Outline (http://catalog.jccc.edu/coursedescriptions/it/#IT_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82537 376 HYB	--W----	01:00-02:50 PM	08/24/16-12/18/16	RC 340	Lutz A	15 of 15
	-----	-	08/24/16-12/18/16	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						
82538 377 HYB	--W----	06:00-07:50 PM	08/24/16-12/18/16	RC 352	Mortell G	15 of 15
	-----	-	08/24/16-12/18/16	Online		
<i>Kansas Senate Bill SB 155</i>						
<i>Mandatory Classroom Meetings</i>						
82539 378 HYB	-T-R---	06:00-07:50 PM	10/18/16-12/08/16	RC 340	Huff C	15 of 15
	-----	-	10/18/16-12/08/16	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/it/#IT_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82540 376 HYB	M-W----	06:00-07:50 PM	08/22/16-10/12/16	RC 340	Carney R	15 of 15
	-----	-	08/22/16-10/12/16	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						
82541 377 HYB	--W----	01:00-02:50 PM	08/24/16-12/18/16	RC 346	Carney R	15 of 15
	-----	-	08/24/16-12/18/16	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/it/#IT_228)

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

IT 230 - Linux Fundamentals

This course is designed to provide students with a fundamental understanding of the Linux operating system environment. Students successfully completing this course will be able to execute common Linux commands and utilities; and accomplish system tasks such as navigating the file system, applying file system security, managing user accounts, using the printing environment, and utilizing the resources of a basic Linux system. 2 hrs. lecture, 2 hrs. instructional lab, 1 hr. open lab/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/it/#IT_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82543 376 HYB	M-----	01:00-02:50 PM	08/22/16-12/18/16	RC 346	Gordon J	15 of 15
	-----	-	08/22/16-12/18/16	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						
82544 377 HYB	M-----	06:00-07:50 PM	08/22/16-12/18/16	RC 346	Gordon J	15 of 15
	-----	-	08/22/16-12/18/16	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						
82545 378 HYB	--W----	10:00-11:50 AM	08/24/16-12/18/16	RC 346	Gordon J	15 of 15
	-----	-	08/24/16-12/18/16	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						
82546 379 HYB	---R---	06:00-09:50 PM	08/25/16-10/13/16	RC 346	Faculty	15 of 15
	-----	-	08/25/16-10/13/16	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						
82547 380 HYB	---R---	01:00-02:50 PM	09/01/16-12/18/16	RC 346	Golden T	15 of 15
	-----	-	09/01/16-12/18/16	Online		
Mandatory Classroom Meetings Kansas Senate Bill SB 155						

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/coursedescriptions/it/#IT_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82548 376 HYB	M-----	10:00-11:50 AM	08/22/16-12/18/16	RC 346	Al-Rawi A	15 of 15
	-----	-	08/22/16-12/18/16	Online		
Kansas Senate Bill SB 155 Mandatory Classroom Meetings						
82549 377 HYB	--W----	06:00-07:50 PM	08/24/16-12/18/16	RC 346	Golden T	15 of 15
	-----	-	08/24/16-12/18/16	Online		
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 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/coursedescriptions/it/#IT_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82550 376 HYB	----F--	06:00-07:50 PM	08/26/16-12/18/16	RC 340	Huff C	15 of 15
	-----	-	08/26/16-12/18/16	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						
82551 377 HYB	M-W----	06:00-07:50 PM	10/17/16-12/07/16	RC 340	Carney R	15 of 15
	-----	-	10/17/16-12/07/16	Online		
<i>Kansas Senate Bill SB 155</i>						
<i>Mandatory Classroom Meetings</i>						

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/coursedescriptions/it/#IT_247)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82552 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Al-Rawi A	15 of 15
<i>Kansas Senate Bill SB 155</i>						
82553 376 HYB	-T-----	06:00-07:50 PM	08/23/16-12/18/16	RC 350	Al-Rawi A	15 of 15
	-----	-	08/23/16-12/18/16	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/it/#IT_256)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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 approvalOutline (http://catalog.jccc.edu/coursedescriptions/it/#IT_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82555 500 INT	-----	-	08/22/16-12/18/16		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 approvalOutline (http://catalog.jccc.edu/coursedescriptions/it/#IT_272)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82556 500 INT	-----	-	08/22/16-12/18/16		Faculty	5 of 5

Kansas Senate Bill SB 155

Requirement: Department approval

Interior Design

Missouri residents, see Reverse Cooperative Information (<http://www.jccc.edu/academics/cooperative/missouri-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 \$75Outline (http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_121) Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
80319 001 F2F	M-W----	04:00-05:15 PM	08/22/16-12/18/16	GEB 356	Boyd R	20 of 20
80320 002 F2F	-T-----	06:00-08:45 PM	08/23/16-12/18/16	GEB 356	Wilson J	20 of 20
80321 003 F2F	---R---	09:00-11:45 AM	08/25/16-12/18/16	GEB 356	Erwin H	20 of 20

Kansas Senate Bill SB 155

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/coursedescriptions/itmd/#ITMD_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80322 001 F2F	-T-----	09:00-11:45 AM	08/23/16-12/18/16	GEB 351A	Hersch A	17 of 17

Kansas Senate Bill SB 155

80323 002 F2F	--W----	12:30-03:15 PM	08/24/16-12/18/16	GEB 351A	Hersch A	18 of 18
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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/coursedescriptions/itmd/#ITMD_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80324 001 F2F	----F--	09:00-12:00 PM	08/26/16-10/14/16	GEB 361	Ryan D	18 of 18

Kansas Senate Bill SB 155

ITMD 129 - Design Communication

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/coursedescriptions/itmd/#ITMD_129)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80341 001 F2F	-T-R---	04:00-05:50 PM	08/23/16-12/18/16	GEB 356	Grube K	20 of 20

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/coursedescriptions/itmd/#ITMD_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80342 001 F2F	M-----	12:30-03:15 PM	08/22/16-12/18/16	GEB 351A	Grube K	18 of 18
<i>Kansas Senate Bill SB 155</i>						
80343 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Kalkofen B	24 of 24
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/itmd/#ITMD_147)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80344 001 F2F	--W----	12:00-02:45 PM	08/24/16-09/21/16	GEB 361	Kalkofen B	4 of 4
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/itmd/#ITMD_185)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80345 001 F2F	---R---	08:00-10:50 AM	08/25/16-12/18/16	GEB 361	Green D	18 of 18
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/itmd/#ITMD_202)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80346 001 F2F	---R---	12:30-03:50 PM	08/25/16-12/18/16	GEB 356	Green D	20 of 20
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/itmd/#ITMD_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80347 001 F2F	-T-----	09:00-11:45 AM	08/23/16-12/18/16	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/coursedescriptions/itmd/#ITMD_219)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80348 376 HYB	M-----	09:00-11:45 AM	08/22/16-12/18/16	GEB 351A	Kalkofen B	18 of 18
	-----	-	08/22/16-12/18/16	Online		

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 or corequisites: ITMD 129 and ITMD 202 and ITMD 271 and DRAF 264 (All courses must be completed with a grade of "C" or higher for advancement.)

Outline (http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_222)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80349 001 F2F	M-----	12:00-03:20 PM	08/22/16-12/18/16	GEB 356	Erwin H	20 of 20

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 \(http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_224\)](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_224)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81998 001 F2F	-T-----	12:00-03:20 PM	08/23/16-12/12/16	GEB 356	Green D	20 of 20

Kansas Senate Bill SB 155

ITMD 230 - History of Interior Design I

This course is an examination of the built environments from approximately Antiquity to Renaissance. Upon successful completion of this course, the student should be able to analyze and compare elements of the built environment to include but are not limited to: architecture, interiors, furniture, ornamentation, design motifs and textiles of historical periods from antiquity to the Renaissance. Additionally, the student should be able to discover the religious, political and social influences on the built environment each period. The student should also be able to identify and define the craftsmanship and materials used in the construction techniques of each historical period and correctly use vocabulary related to each era. 3hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_230\)](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80350 350 ONLNE	-----	-	08/22/16-12/18/16	Online	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.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_231\)](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80351 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Green D	20 of 20

Kansas Senate Bill SB 155

ITMD 233 - Kitchen and Bath Basics

This is an introductory course in kitchen and bath design and planning. Upon successful completion of this course, the student should be able to define and use proper vocabulary related to kitchen and bath design and construction, identify current design trends in the kitchen and bath industry, understand proper NKBA kitchen and bath access standards and planning guidelines, identify cabinetry styles, types and construction methods, possess basic understanding of metric and imperial measurements, and a basic knowledge of technologies used in kitchen and bath planning, and finally understand the basic business management forms for the kitchen and bath industry. Students will also analyze sustainability in the kitchen and bath industry. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: DRAF 264 with a grade of "C" or higher and ITMD 202 with a grade of "C" or higher

[Outline \(http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_233\)](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_233)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80352 001 F2F	--W----	09:00-11:45 AM	08/24/16-12/18/16	GEB 351A	Grube K	18 of 18

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/coursedescriptions/itmd/#ITMD_239)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80353 376 HYB	-----	-	08/22/16-12/18/16	Online	Green D	20 of 20
	----F--	08:00-09:45 AM	08/26/16-12/18/16	GEB 356		

Kansas Senate Bill SB 155

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/coursedescriptions/itmd/#ITMD_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80354 350 ONLINE	-----	-	08/22/16-12/18/16	Online	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/coursedescriptions/itmd/#ITMD_273)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81997 001 F2F	-T-----	08:00-10:50 AM	08/23/16-10/25/16	GEB 356	Grube K	20 of 20

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/coursedescriptions/itmd/#ITMD_280)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80355 001 F2F	-T-----	08:00-10:50 AM	11/08/16-12/06/16	GEB 356	Grube K	3 of 3

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/coursedescriptions/itmd/#ITMD_282)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80356 500 INT	-----	-	08/22/16-12/18/16		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/coursedescriptions/itmd/#ITMD_284)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80357 500 INT	-----	-	08/22/16-12/18/16		Kalkofen B	40 of 40

Kansas Senate Bill SB 155

ITMD 291 - Independent Study

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

Credit Hours: 1

Prerequisite: 2.0 GPA minimum and department approval

Outline (http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_291)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80358 960 IND	-----	-	08/22/16-12/18/16		Kalkofen B	1 of 1

Requirement: Department Approval
Requirement: Department approval

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/coursedescriptions/jour/#JOUR_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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81066 001 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	CC 324	Rose T	24 of 24
81067 002 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	CC 324	Rose T	24 of 24
81068 003 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	GEB 242	Crable C	24 of 24
81069 004 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	CC 324	Raduziner M	24 of 24
81070 005 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	CC 312	Schulte M	24 of 24
81071 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Raduziner M	24 of 24
81072 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Raduziner M	24 of 24
81073 352 ONLINE	-----	-	08/22/16-12/18/16	Online	Thum G	24 of 24
81075 353 ONLINE	-----	-	08/22/16-12/18/16	Online	McWard C	24 of 24

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/coursedescriptions/jour/#JOUR_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81076 001 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	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/coursedescriptions/jour/#JOUR_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81077 001 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	OCB 144	Thum G	24 of 24
<i>Kansas Senate Bill SB 155</i>						
81078 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Thum G	24 of 24
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/jour/#JOUR_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81079 001 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	LIB 352	Nichols J	24 of 24
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/jour/#JOUR_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81080 001 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	LIB 352	Thum G	24 of 24
81081 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Thum G	24 of 24

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/coursedescriptions/jour/#JOUR_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81082 001 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/18/16	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/coursedescriptions/jour/#JOUR_202)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81083 001 F2F	-T-R---	09:30-10:45 AM	08/26/16-12/18/16	COM 252	Baumgardner M	14 of 14

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/coursedescriptions/jour/#JOUR_207)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81084 001 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	COM 252	Messner B	14 of 14
<i>Kansas Senate Bill SB 155</i>						
81085 002 F2F	-T-----	06:00-08:50 PM	08/23/16-12/18/16	COM 252	Groves M	14 of 14
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/jour/#JOUR_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81086 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Crabbe C	24 of 24

JOUR 227 - Basic Video Production

This course provides students with the fundamentals of video production. The goal is to teach students basic video techniques. Topics covered include technology, lighting, camera operations, audio and editing. Students will gain hands-on experience in the college's Media Production Services Department. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_227)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81087 001 F2F <i>Kansas Senate Bill SB 155</i>	-T-R---	09:30-10:45 AM	08/26/16-12/18/16	COM 260	Petrie J	14 of 14
81088 002 F2F <i>Kansas Senate Bill SB 155</i>	--W----	06:00-08:50 PM	08/24/16-12/18/16	COM 260	Petrie J	14 of 14

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/coursedescriptions/jour/#JOUR_242)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81089 001 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	COM 252	Baumgardner M	14 of 14

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/coursedescriptions/jour/#JOUR_247)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81152 001 F2F <i>Kansas Senate Bill SB 155</i>	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	COM 260	Petrie J	14 of 14

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/coursedescriptions/jour/#JOUR_269)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81091 500 INT	-----	-	08/22/16-12/18/16		Raduziner M	10 of 10

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/coursedescriptions/jour/#JOUR_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81092 500 INT	-----	-	08/22/16-12/18/16		Raduziner M	10 of 10

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/coursedescriptions/jour/#JOUR_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81093 500 INT	-----	-	08/22/16-12/18/16		Raduziner M	10 of 10

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/coursedescriptions/law/#LAW_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80270 001 F2F	M-----	07:00-09:50 PM	08/22/16-12/18/16	GEB 254	Hawk G	24 of 24
80271 002 F2F	--W----	07:00-09:50 PM	08/24/16-12/18/16	OCB 246	Hawk G	32 of 32

80272 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Fordham N	24 of 24
80273 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Fordham N	24 of 24

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/coursedescriptions/law/#LAW_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80274 001 F2F	M-----	06:00-06:50 PM	08/22/16-12/18/16	GEB 254	Manlove H	22 of 22
<i>Kansas Senate Bill SB 155</i>						
80275 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Manlove H	24 of 24
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/law/#LAW_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80276 001 F2F	---R---	07:00-09:50 PM	08/25/16-12/18/16	GEB 379	Fordham N	22 of 22
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/law/#LAW_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80279 001 F2F	M-----	12:00-02:50 PM	08/22/16-12/18/16	GEB 379	Nadlman J	22 of 22
<i>Kansas Senate Bill SB 155</i>						
80280 002 F2F	-T-----	07:00-09:50 PM	08/23/16-12/18/16	GEB 379	Nadlman J	22 of 22
<i>Kansas Senate Bill SB 155</i>						

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/coursedescriptions/law/#LAW_152)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81915 001 F2F	-T-----	04:00-06:50 PM	08/23/16-12/18/16	GEB 379	Nadlman J	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/coursedescriptions/law/#LAW_162)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81831 001 F2F	M-----	07:00-09:50 PM	08/22/16-12/18/16	GEB 379	Manlove H	22 of 22

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/coursedescriptions/law/#LAW_195)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80284 376 HYB	-----	-	08/22/16-12/18/16	Online	Fordham N	22 of 22
	---R---	04:00-04:50 PM	08/25/16-12/18/16	GEB 379		

Kansas Senate Bill SB 155

80285 377 HYB	-----	-	08/22/16-12/18/16	Online	Fordham N	22 of 22
	---R---	06:00-06:50 PM	08/25/16-12/18/16	GEB 379		

Kansas Senate Bill SB 155

LAW 201 - Advanced Legal Technology

Upon successful completion of this course, the student will be able to evaluate and use specialized legal software to perform customary tasks within a legal environment, including litigation support, case management, office management, file management, time-keeping and billing, docket control, preparation of legal presentations, and research. 3 hrs. lecture/wk.

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/coursedescriptions/law/#LAW_201)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80286 001 F2F	--W----	07:00-09:50 PM	08/24/16-12/18/16	GEB 379	Faculty	22 of 22

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/coursedescriptions/law/#LAW_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80287 376 HYB	M-----	06:00-06:50 PM	08/22/16-12/18/16	GEB 379	Hawk G	22 of 22
	-----	-	08/22/16-12/18/16	Online		

Kansas Senate Bill SB 155

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/coursedescriptions/law/#LAW_247)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81829 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Hawk G	24 of 24

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/coursedescriptions/law/#LAW_266)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81971 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Hawk G	24 of 24

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/coursedescriptions/law/#LAW_271)

CRN	Days	Time	Date	Location	Instructor	
80289 001 F2F	---R---	07:00-09:50 PM	08/25/16-12/18/16	CC 329	Nadlman J	22 of 22

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/coursedescriptions/law/#LAW_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81832 500 INT	-----	-	08/22/16-12/18/16		Manlove H	16 of 16

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/coursedescriptions/law/#LAW_276)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80290 500 INT	-----	-	08/22/16-12/18/16		Manlove H	16 of 16

Kansas Senate Bill SB 155

Learning Communities

LCOM 099 - Accelerated Math: Elementary Algebra/Intermediate Algebra

This 16-week course is an integration of the content of both Elementary Algebra and Intermediate Algebra and graded as if taken as two separate courses. You will earn 3 credit hours in Elementary Algebra and 3 credit hours in Intermediate Algebra that will transfer as if they were being taught in the traditional format. Students will receive credit on their transcript for MATH 115 and MATH 116. MATH 115 may fulfill some certificate requirements, but will not fulfill degree requirements.

Credit Hours: 6

Associated Costs: \$0 to 100

Prerequisite: MATH 111 with a grade of "C" or higher or an appropriate score on an assessment test.

	Days	Time	Date	Location	Instructor	Seats Open
80414 001 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	GEB 315	Barlow R	60 of 60
	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	GEB 315		

Enroll in both MATH 115 (CRN 80412) and MATH 116 (CRN 80413)

Requirement: unavailable

	Days	Time	Date	Location	Instructor	Seats Open
80417 002 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	OCB 308	Faculty	48 of 48
	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	OCB 308		

Enroll in both MATH 115 (CRN 80415) and MATH 116 (CRN 80416)

Requirement: unavailable

80420 003 F2F	-T-R---	06:00-07:15 PM	08/23/16-12/18/16	CLB 205	Faculty	60 of 60
	-T-R---	07:30-08:45 PM	08/23/16-12/18/16	CLB 205		

Enroll in both MATH 115 (CRN 80418) and MATH 116 (CRN 80419)

Requirement: unavailable

LCOM 165 - American Histories/Family Hist

Students can earn 6-credit hours (3-credit hours for ENGL 121, Composition I and 3-credit hours for HIST 141, U.S. Since 1877). U.S. History comes alive and makes more sense to people when they can see the big and little events in light of their own family's stories and memories. Not only will students study the expected topics (World War II, Viet Nam, the Great Depression), they will also explore the history of private life: what people ate, wore, worked and played at in any given era. At the same time, students will work on writing their own family's history. Instead of approaching Composition I as a series of unrelated essays, students will learn to write by focusing on how class readings and discussions related directly to their own and their family's lives. Through narrative, analysis, and research, they will create a document that their family can rely on and refer to over the course of generations to come.

Credit Hours: 6

Prerequisite: ENGL 106 or appropriate placement score or EAP 113 and EAP 117

	Days	Time	Date	Location	Instructor	Seats Open
81630 001 F2F	-T-R---	09:30-12:15 PM	08/23/16-12/18/16	GP 102	Antle J Broomfield A	50 of 50

Enroll in both ENGL 121 (CRN 81323) and HIST 141 (CRN 81609)

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/coursedescriptions/lead/#LEAD_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82160 002 F2F	-T-----	05:00-07:50 PM	08/23/16-12/18/16	GEB 238	Page A	15 of 15

This section's title is **Leadership and Civic Engagement Honors**.

Honors Course

Note: This is an honors section. Enrollment is by permission, requiring a minimum GPA of 3.5. For additional information and permission to enroll, please contact the honors office at either honors@jccc.edu or 913-469-8500 ext. 2434.

Legal Interpreting

LI 150 - Legal Interpreting Skills II

This course develops skills in simultaneous interpreting, and advanced consecutive interpreting. In addition, through classroom, lab, and field experiences, students practice the three interpretation modes they have learned in the program and improve all aspects of their interpreting while forming good professional habits. Self-assessment, professional growth and development of a personal philosophy of interpreting is stressed. This course is taught in English and Spanish. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: LI 130 and LI 140 Corequisite: LI 160

Outline (http://catalog.jccc.edu/coursedescriptions/li/#LI_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80801 001 F2F	---R---	06:00-08:50 PM	08/25/16-12/18/16	CC 325	Faculty	12 of 12

Kansas Senate Bill SB 155

LI 160 - Spanish Legal Interpreting

This course develops the knowledge, techniques and practices needed to function as a bilingual interpreter in a legal environment. Students will be introduced to basic legal situations, procedures and order of events, with vocabulary and terminology in both English and Spanish. Upon completion, students should be able to apply legal interpreting techniques in a variety of legal settings. This course is taught in English and Spanish. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: LI 130 and LI 140 **Corequisite:** LI 150

Outline (http://catalog.jccc.edu/coursedescriptions/li/#LI_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80802 001 F2F	-T-----	06:00-08:50 PM	08/23/16-12/18/16	CC 332	Renna M	12 of 12

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/coursedescriptions/libr/#LIBR_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82371 350 ONLINE	-----	-	10/17/16-12/11/16	Online	Vaughn J	24 of 24

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. 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. 1 hr. lecture/wk.

Credit Hours: 1

Corequisite: Concurrent enrollment in a math course

Outline (http://catalog.jccc.edu/coursedescriptions/lis/#LS_174)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82018 001 F2F	M-W-F--	09:00-09:50 AM	09/12/16-10/21/16	CC 325	Kempker K	15 of 15
82019 002 F2F	M-W-F--	11:00-11:50 AM	08/31/16-10/12/16	PA 134	Faculty	15 of 15
82020 003 F2F	M-W-F--	01:00-01:50 PM	09/12/16-10/21/16	PA 134	Dennis C	14 of 14
82021 004 F2F	-T-R---	11:00-12:15 PM	09/01/16-10/11/16	LIB 303	Kanter F	14 of 14

LS 176 - Strategic Learning System

In this course, students will learn a series of strategies for processing information from textbooks and lectures and strategies for studying for and taking tests. As the strategies are introduced, students apply them to the content of courses in which they are concurrently enrolled. Upon successful completion of the course, students will have developed a system for learning that can be adapted for use in any learning situation. 1 hr. lecture/wk. Learning Strategies courses offer students opportunities to acquire the thinking and learning skills needed to be a successful learner, including reading textbooks, taking notes, organizing information and preparing for tests.

Credit Hours: 1

Corequisite: Concurrent enrollment in a college lecture course

Outline (http://catalog.jccc.edu/coursedescriptions/lis/#LS_176)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82022 001 F2F	M-W-F--	09:00-09:50 AM	08/31/16-10/12/16	LIB 303	Faculty	14 of 14
82023 002 F2F	M-W-F--	10:00-10:50 AM	08/31/16-10/12/16	LIB 303	Mann V	14 of 14
82024 003 F2F	M-W-F--	12:00-12:50 PM	08/31/16-10/12/16	LIB 303	Fielder R	14 of 14
82026 005 F2F	M-W----	04:00-05:15 PM	08/31/16-10/12/16	LIB 305	Woodward S	15 of 15
82027 006 F2F	-T-R---	09:30-10:45 AM	09/01/16-10/11/16	LIB 303	Kanter F	14 of 14
82028 007 F2F	-T-R---	12:00-01:15 PM	09/01/16-10/11/16	SCI 120	Faculty	14 of 14
82335 009 F2F	M-W-F--	10:00-10:50 AM	10/17/16-11/30/16	LIB 303	Faculty	14 of 14
82336 010 F2F	-T-R---	12:30-01:45 PM	10/18/16-11/29/16	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/coursedescriptions/lis/#LS_178)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82030 001 F2F	M-W-F--	10:00-10:50 AM	08/31/16-10/12/16	PA 134	Faculty	15 of 15
82031 002 F2F	M-W-F--	11:00-11:50 AM	08/31/16-10/12/16	LIB 303	Faculty	14 of 14
82032 003 F2F	-T-R---	09:30-10:45 AM	09/01/16-10/11/16	LIB 305	Mann V	15 of 15
82337 004 F2F	M-W-F--	10:00-10:50 AM	10/17/16-11/30/16	PA 134	Faculty	15 of 15
82338 005 F2F	-T-R---	11:00-12:15 PM	10/18/16-11/29/16	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/coursedescriptions/lis/#LS_186)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82339 001 F2F	M-W-F--	11:00-11:50 AM	10/17/16-11/30/16	PA 134	Faculty	15 of 15
82340 002 F2F	-T-R---	09:30-10:45 AM	10/18/16-11/29/16	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/coursedescriptions/ls/#LS_200)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82033 001 F2F	M-W-F--	12:00-12:55 PM	09/07/16-12/18/16	LIB 305	Mann V	15 of 15
82034 002 F2F	-T-R---	11:00-12:25 PM	09/06/16-12/18/16		Mann V	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 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/coursedescriptions/math/#MATH_111)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80363 001 F2F	MTWRF--	11:00-11:50 AM	08/22/16-12/18/16	CLB 403	Faculty	24 of 24
Note: MATH 111-001 meets 5 hours a week enabling students to learn Fundamentals of Mathematics material at a slower pace.						
80364 010 F2F	M-W-F--	07:00-07:50 AM	08/22/16-12/18/16	CLB 209	Faculty	24 of 24
80365 011 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	GEB 381	Faculty	24 of 24
80366 013 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	CLB 203	Dunham J	24 of 24
80367 030 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	OCB 308	Faculty	24 of 24
80368 031 F2F	M-W-F--	02:00-02:50 PM	08/22/16-12/18/16	OCB 308	Faculty	24 of 24
80369 060 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/18/16	GEB 381	Faculty	24 of 24
80370 061 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	GEB 381	Faculty	24 of 24
80371 062 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	GEB 381	Lewis J	24 of 24
80372 080 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	OCB 332	Faculty	24 of 24
80373 090 F2F	-T-R---	06:00-07:15 PM	08/23/16-12/18/16	CLB 203	Faculty	24 of 24
80374 100 F2F	M-----	03:00-05:50 PM	08/22/16-12/18/16	CLB 203	Fischer E	24 of 24
80375 140 F2F	----F--	06:00-08:50 PM	08/26/16-12/18/16	CLB 213	Faculty	24 of 24
80376 150 F2F	-----S-	09:00-11:50 AM	08/27/16-12/18/16	CLB 203	Faculty	24 of 24
80377 200 F2F	-T-----	06:00-09:00 PM	09/06/16-12/18/16	 LPC C	Faculty	18 of 18

80378	280 F2F	M-W-F--	12:00-12:55 PM	09/07/16-12/18/16	CLB 402	Faculty	18 of 18
80379	290 F2F	M-W----	04:30-06:15 PM	09/19/16-12/18/16	GEB 381	Deas M	15 of 15
80380	350 ONLNE	-----	-	08/22/16-12/18/16	Online	Fischer E	24 of 24
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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.							
80381	351 ONLNE	-----	-	08/22/16-12/18/16	Online	Fischer E	24 of 24
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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.							
80382	360 ONLNE	-----	-	08/22/16-10/16/16	Online	Lefert K	24 of 24
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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.							
80383	370 ONLNE	-----	-	09/06/16-12/18/16	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 12 hours each week in order to meet all deadlines. One or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.							
80384	450 SEL	-----	-	08/22/16-12/17/17	Self Paced	Deas M	10 of 10
Note: Fall students can begin their study in this self-paced math course up through November 1, 2016, 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/academics/math-science/mathematics/self-paced.html (http://www.jccc.edu/academics/math-science/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. 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/coursedescriptions/math/#MATH_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open	
80385	001 F2F	MTWRF--	10:00-10:50 AM	08/22/16-12/18/16	CLB 211	Goodman C	30 of 30
Note: MATH 115-001 meets 5 hours a week enabling students to learn Elementary Algebra material at a slower pace.							
80386	010 F2F	M-W-F--	07:00-07:50 AM	08/22/16-12/18/16	CLB 213	Faculty	24 of 24
80387	011 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	GEB 315	Faculty	30 of 30
80388	012 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	CLB 207	Faculty	30 of 30
80389	013 F2F	M-W-F--	09:00-09:55 AM	08/22/16-12/18/16	GEB 340	Faculty	30 of 30
Note: Math 115-013 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 Beth Edmonds at bedmond3@jccc.edu .							
80390	014 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	GEB 340	Faculty	30 of 30
80391	015 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	OCB 308	Faculty	24 of 24
80392	016 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	CLB 203	Faculty	30 of 30

80393	017 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	CLB 209	Faculty	30 of 30
80394	030 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	GEB 340	Faculty	30 of 30
80395	031 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	OCB 308	Faculty	24 of 24
Requirement: Department approval							
80396	032 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	GEB 313	Faculty	30 of 30
80397	033 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	GEB 315	Faculty	30 of 30
80398	034 F2F	M-W-F--	01:00-01:55 PM	08/22/16-12/18/16	GEB 340	Faculty	30 of 30
Note: Math 115-034 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 Beth Edmonds at bedmond3@ccc.edu.							
80399	050 F2F	M-W----	06:00-07:25 PM	08/22/16-12/18/16	GEB 340	Faculty	30 of 30
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 Beth Edmonds at bedmond3@ccc.edu.							
80400	051 F2F	M-W----	07:00-09:50 PM	10/17/16-12/11/16	OCB 332	Faculty	15 of 15
Two x 2 x 2 Math 115-051 is an eight-week class and part of the Two x 2 x 2 Degree. It moves twice as fast in half the time so students can start the class at mid-semester and still finish by the end of the term. The class is open to all students who have completed the required pre-requisites.							
80401	060 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/18/16	CLB 207	Faculty	30 of 30
80402	062 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	OCB 308	Faculty	24 of 24
80403	063 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CLB 203	Faculty	30 of 30
80404	064 F2F	-T-R---	11:00-12:25 PM	08/23/16-12/18/16	GEB 340	Barlow R	30 of 30
Note: Math 115-064 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 Beth Edmonds at bedmond3@ccc.edu.							
80405	081 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	GEB 340	Jensen J	30 of 30
80406	082 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	GEB 315	Faculty	30 of 30
80407	083 F2F	-T-R---	04:30-05:45 PM	08/23/16-12/18/16	CLB 403	Dotson G	30 of 30
80408	090 F2F	-T-R---	07:30-08:45 PM	08/23/16-12/18/16	CLB 207	Faculty	30 of 30
80409	120 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	CLB 403	Faculty	30 of 30
80410	140 F2F	----F--	06:00-08:50 PM	08/26/16-12/18/16	CLB 203	Faculty	30 of 30
80411	160 F2F	-----U	12:00-02:50 PM	08/28/16-12/18/16	CLB 203	Faculty	30 of 30
80412	170 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	GEB 315	Barlow R	60 of 60
<i>Co-requisite to enroll in MATH 116 (CRN 80413)</i> Note: Students enrolling in Math 115-170 must also enroll in both Math 115-170 (CRN 80412) and MATH 116-170 (CRN 80413). 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.							
80415	171 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	OCB 308	Faculty	48 of 48
<i>Co-requisite to enroll in MATH 116 (CRN 80416)</i> Note: Students enrolling in Math 115-171 must also enroll in both Math 115-170 (CRN 80415) and MATH 116-171 (CRN 80416). 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.							
80418	172 F2F	-T-R---	06:00-07:15 PM	08/23/16-12/18/16	CLB 205	Faculty	60 of 60
<i>Co-requisite to enroll in MATH 116 (CRN 80419)</i> Note: Students enrolling in Math 115-172 must also enroll in both Math 115-172 (CRN 80418) and MATH 116-172 (CRN 80419). 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.							

80422	280 F2F	-T-R---	12:30-01:55 PM	09/06/16-12/18/16	OCB 308	Faculty	18 of 18
80423	281 F2F	M-W-F--	02:00-02:55 PM	09/07/16-12/18/16	GEB 381	Faculty	18 of 18
80424	290 F2F	-T-R---	06:00-07:45 PM	09/20/16-12/18/16	CLB 403	Faculty	15 of 15
80425	350 ONLNE	-----	-	08/22/16-12/18/16	Online	Dunham J	30 of 30
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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.							
80426	351 ONLNE	-----	-	08/22/16-12/18/16	Online	Dunham J	30 of 30
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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.							
80427	353 ONLNE	-----	-	08/22/16-12/18/16	Online	Lefert K	30 of 30
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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.							
80428	360 ONLNE	-----	-	08/22/16-10/16/16	Online	Lefert K	30 of 30
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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.							
80429	365 ONLNE	-----	-	10/17/16-12/11/16	Online	Faculty	15 of 15
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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.							
80430	370 ONLNE	-----	-	09/06/16-12/18/16	Online	Deas M	18 of 18
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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.							
80431	375 ONLNE	-----	-	09/19/16-12/18/16	Online	Lefert K	18 of 18
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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.							
80432	450 SEL	-----	-	08/22/16-12/17/17	Self Paced	Deas M	10 of 10
Note: Fall students can begin their study in this self-paced math course up through November 1, 2016, 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/academics/math-science/mathematics/self-paced.html (http://www.jccc.edu/academics/math-science/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.

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/coursedescriptions/math/#MATH_116)

80433 001 F2F	MTWRF--	09:00-09:50 AM	08/22/16-12/18/16	CLB 403	Faculty	30 of 30
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Note: MATH 116-001 meets 5 hours a week enabling students to learn Intermediate Algebra material at a slower pace.

80434 010 F2F	M-W-F--	07:00-07:50 AM	08/22/16-12/18/16	CLB 203	Faculty	30 of 30
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80435 011 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	GEB 313	Faculty	30 of 30
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80436 012 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	GEB 381	Faculty	24 of 24
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80437 013 F2F	M-W-F--	09:00-09:55 AM	08/22/16-12/18/16	CLB 203	Dunham J	24 of 24
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Note: Math 116-013 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 Beth Edmonds at bedmond3@jccc.edu.

80438 014 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	CLB 402	Lefert K	26 of 26
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80439 015 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	GEB 315	Kennett J	30 of 30
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80440 016 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	GEB 381	Faculty	24 of 24
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80441 017 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	GEB 340	Faculty	30 of 30
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80442 030 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	CLB 203	Faculty	30 of 30
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80443 031 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	CLB 207	Faculty	30 of 30
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80444 032 F2F	M-W-F--	01:00-01:55 PM	08/22/16-12/18/16	CLB 203	Dunham J	24 of 24
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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 Beth Edmonds at bedmond3@jccc.edu.

80460 050 F2F	M-W----	06:00-07:25 PM	08/22/16-12/18/16	CLB 203	Faculty	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 Beth Edmonds at bedmond3@jccc.edu.

80461 051 F2F	M-W----	07:00-09:50 PM	10/17/16-12/11/16	GEB 381	Faculty	15 of 15
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Two x 2 x 2

Math 116-051 is an eight-week class and part of the Two x 2 x 2 Degree. It moves twice as fast in half the time so students can start the class at mid-semester and still finish by the end of the term. The class is open to all students who have completed the required pre-requisites.

80462 060 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/18/16	GEB 313	Fischer E	30 of 30
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80463 061 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/18/16	OCB 332	Faculty	28 of 28
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80464 062 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CLB 209	Wang S	24 of 24
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80465 063 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CLB 207	Kennett J	30 of 30
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80466 064 F2F	-T-R---	11:00-12:25 PM	08/23/16-12/18/16	CLB 203	Faculty	24 of 24
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Note: Math 116-064 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 Beth Edmonds at bedmond3@jccc.edu.

80467 065 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	GEB 315	Kennett J	30 of 30
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80468 080 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	GEB 381	Hughes D	24 of 24
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80469 081 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	CLB 205	Faculty	30 of 30
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80470 083 F2F	-T-R---	04:30-05:45 PM	08/23/16-12/18/16	CLB 205	Faculty	30 of 30
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80471 090 F2F	-T-R---	07:30-08:45 PM	08/23/16-12/18/16	CLB 203	Faculty	30 of 30
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80472 110 F2F	-T-----	06:00-08:50 PM	08/23/16-12/18/16	OCB 332	Faculty	28 of 28
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80473 140 F2F	----F--	06:00-08:50 PM	08/26/16-12/18/16	CLB 207	Faculty	30 of 30
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80482	160 F2F	-----U	12:00-02:50 PM	08/28/16-12/18/16	CLB 207	Faculty	30 of 30
80413	170 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	GEB 315	Barlow R	60 of 60
<i>Co-requisite to enroll in MATH 115 (CRN 80412)</i>							
Note: Students enrolling in Math 116-170 must also enroll in both Math 116-170 (CRN 80413) and MATH 115-170 (CRN 80412). 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.							
80416	171 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	OCB 308	Faculty	48 of 48
<i>Co-requisite to enroll in MATH 115 (CRN 80415)</i>							
Note: Students enrolling in Math 116-171 must also enroll in both Math 116-171 (CRN 80416) and MATH 115-171 (CRN 80415). 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.							
80419	172 F2F	-T-R---	07:30-08:45 PM	08/23/16-12/18/16	CLB 205	Faculty	60 of 60
<i>Co-requisite to enroll in MATH 115 (CRN 80418)</i>							
Note: Students enrolling in Math 116-172 must also enroll in both Math 116-172 (CRN 80419) and MATH 115-172 (CRN 80418). 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.							
80483	240 F2F	---R---	06:00-09:00 PM	09/08/16-12/18/16	 DSH	Faculty	18 of 18
80484	250 F2F	M-W----	06:00-07:25 PM	09/07/16-12/18/16	 OHEC 105	Faculty	18 of 18
80485	280 F2F	M-W-F--	08:00-08:55 AM	09/07/16-12/18/16	OCB 308	Faculty	18 of 18
80486	281 F2F	-T-R---	02:00-03:25 PM	09/06/16-12/18/16	CLB 207	Faculty	18 of 18
80487	290 F2F	-T-R---	06:00-07:45 PM	09/20/16-12/18/16	GEB 313	Faculty	15 of 15
80488	350 ONLNE	-----	-	08/22/16-12/18/16	Online	Kennett J	30 of 30
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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.							
80489	351 ONLNE	-----	-	08/22/16-12/18/16	Online	Kennett J	30 of 30
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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.							
80490	352 ONLNE	-----	-	08/22/16-12/18/16	Online	Palcic R	30 of 30
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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.							
80491	353 ONLNE	-----	-	08/22/16-12/18/16	Online	Palcic R	30 of 30
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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.							
80492	365 ONLNE	-----	-	10/17/16-12/11/16	Online	Lefert K	15 of 15
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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.							
80493	370 ONLNE	-----	-	09/06/16-12/18/16	Online	Kennett J	18 of 18
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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.							
80494	371 ONLNE	-----	-	09/06/16-12/18/16	Online	Barlow R	18 of 18
Note: In this online course, it is expected that students will work daily for a total of at least 12 hours each week in order to meet all deadlines. One or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.							

80495 375 ONLINE ----- - 09/19/16-12/18/16 Online Barlow R 15 of 15

Note: In this online course, it is expected that students will work daily for a total of at least 14 hours each week in order to meet all deadlines. One or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

80496 450 SEL ----- - 08/22/16-12/17/17 Self Paced Reinhard V 15 of 15

Note: Fall students can begin their study in this self-paced math course up through November 1, 2016, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Vivian Reinhard, at 913-469-8500, ext. 4959. For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/academics/math-science/mathematics/self-paced.html> (<http://www.jccc.edu/academics/math-science/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/coursedescriptions/math/#MATH_118)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80497 450 SEL	-----	-	08/22/16-12/17/17	Self Paced	Reinhard V	15 of 15

Note: Fall students can begin their study in this self-paced math course up through November 1, 2016, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Vivian Reinhard, at 913-469-8500, ext. 4959. For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/academics/math-science/mathematics/self-paced.html> (<http://www.jccc.edu/academics/math-science/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. 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/coursedescriptions/math/#MATH_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80498 010 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	CLB 402	Faculty	26 of 26
80499 030 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	GEB 381	Wilson S	24 of 24
80500 060 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/18/16	OCB 308	Faculty	24 of 24
80501 080 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	CLB 213	Helgeson D	24 of 24
80502 090 F2F	-T-R---	06:00-07:15 PM	08/23/16-12/18/16	CLB 207	Faculty	30 of 30
80503 100 F2F	M-----	12:00-02:50 PM	08/22/16-12/18/16	OCB 332	Faculty	28 of 28
80504 140 F2F	----F--	06:00-08:50 PM	08/26/16-12/18/16	CLB 209	Faculty	24 of 24
80505 200 F2F	--W----	06:00-09:00 PM	09/07/16-12/18/16	 LPC	Faculty	18 of 18
80506 280 F2F	-T-R---	09:30-10:55 AM	09/06/16-12/18/16	OCB 332	Faculty	18 of 18
80507 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Wilson S	24 of 24

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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

80508 351 ONLINE ----- - 08/22/16-12/18/16 Online Wilson S 24 of 24

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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

80509 352 ONLINE ----- - 08/22/16-12/18/16 Online Gibbs A 24 of 24

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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

80510 450 SEL ----- - 08/22/16-12/17/17 Self Paced Reinhard V 15 of 15

Note: Fall students can begin their study in this self-paced math course up through November 1, 2016, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Vivian Reinhard, at 913-469-8500, ext. 4959. For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/academics/math-science/mathematics/self-paced.html> (<http://www.jccc.edu/academics/math-science/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/coursedescriptions/math/#MATH_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80511 040 F2F	M-W----	08:00-09:15 AM	08/22/16-12/18/16	OCB 332	Faculty	28 of 28
80512 050 F2F	M-W----	06:00-07:15 PM	08/22/16-12/18/16	CLB 209	Faculty	24 of 24
80513 080 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	CLB 207	Wang S	30 of 30
80514 200 F2F	--W----	04:00-07:00 PM	09/07/16-12/18/16	 LPC	Faculty	18 of 18

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

Prerequisite: MATH 130 with a grade of "C" or higher or an appropriate score on a placement test

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80515 090 F2F	-T-R---	06:00-07:15 PM	08/23/16-12/18/16	GEB 340	Faculty	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

Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_171)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80531 001 F2F	MTWRF--	08:00-08:50 AM	08/22/16-12/18/16	CLB 403	Balman B	30 of 30
<i>KBOR Seamless Transfer</i> Note: MATH 171-001 meets 5 hours a week enabling students to learn College Algebra material at a slower pace.						
80532 002 F2F	MTWRF--	10:00-10:50 AM	08/22/16-12/18/16	CLB 403	Balman B	30 of 30
<i>KBOR Seamless Transfer</i> Note: MATH 171-002 meets 5 hours a week enabling students to learn College Algebra material at a slower pace.						
80533 003 F2F	MTWRF--	11:00-11:50 AM	08/22/16-12/18/16	CLB 402	Goodman C	26 of 26
<i>KBOR Seamless Transfer</i> Note: MATH 171-003 meets 5 hours a week enabling students to learn College Algebra material at a slower pace.						
80534 004 F2F	MTWRF--	12:00-12:50 PM	08/22/16-12/18/16	CLB 205	Goodman C	30 of 30
<i>KBOR Seamless Transfer</i> Note: MATH 171-004 meets 5 hours a week enabling students to learn College Algebra material at a slower pace.						
80535 005 F2F	MTWRF--	01:00-01:50 PM	08/22/16-12/18/16	GEB 313	Siebert K	30 of 30
<i>KBOR Seamless Transfer</i> Note: MATH 171-005 meets 5 hours a week enabling students to learn College Algebra material at a slower pace.						
80536 011 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	CLB 207	Faculty	30 of 30
<i>KBOR Seamless Transfer</i>						
80537 012 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	CLB 402	Faculty	26 of 26
<i>KBOR Seamless Transfer</i>						
80538 013 F2F	M-W-F--	09:00-09:55 AM	08/22/16-12/18/16	CLB 213	Faculty	20 of 20
<i>KBOR Seamless Transfer</i> Note: Math 171-013 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 Beth Edmonds at bedmond3@jccc.edu .						
80539 014 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	GEB 313	Wang S	30 of 30
<i>KBOR Seamless Transfer</i>						
80540 015 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	OCB 332	Jensen J	28 of 28
<i>KBOR Seamless Transfer</i>						
80543 016 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	GEB 313	Barlow R	30 of 30
<i>KBOR Seamless Transfer</i>						
80545 017 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	GEB 313	Barlow R	30 of 30
<i>KBOR Seamless Transfer</i>						
80546 030 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	CLB 207	Dunham J	30 of 30
<i>KBOR Seamless Transfer</i>						
80548 031 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	LIB 353B	Imm C	24 of 24
<i>KBOR Seamless Transfer</i>						
80550 032 F2F	M-W-F--	01:00-01:55 PM	08/22/16-12/18/16	CLB 213	Gibbs A	20 of 20
<i>KBOR Seamless Transfer</i> 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 Beth Edmonds at bedmond3@jccc.edu .						
80551 033 F2F	M-W-F--	02:00-02:50 PM	08/22/16-12/18/16	CLB 207	Dotson G	30 of 30
<i>KBOR Seamless Transfer</i>						
80552 040 F2F	M-W----	04:00-06:50 PM	10/17/16-12/11/16	OCB 308	Faculty	15 of 15
<i>KBOR Seamless Transfer</i> Two x 2 x 2						

Math 171-040 is an eight-week class and part of the Two x 2 x 2 Degree. It moves twice as fast in half the time so students can start the class at mid-semester and still finish by the end of the term. The class is open to all students who have completed the required pre-requisites.

80553	050 F2F	M-W----	06:00-07:25 PM	08/22/16-12/18/16	CLB 213	Faculty	20 of 20
<i>KBOR Seamless Transfer</i>							
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 Beth Edmonds at bedmond3@jccc.edu.							
80554	051 F2F	M-W----	07:00-09:50 PM	10/17/16-12/11/16	OCB 308	Faculty	15 of 15
<i>Two x 2 x 2</i>							
<i>KBOR Seamless Transfer</i>							
Math 171-051 is an eight-week class and part of the Two x 2 x 2 Degree. It moves twice as fast in half the time so students can start the class at mid-semester and still finish by the end of the term. The class is open to all students who have completed the required pre-requisites.							
80555	060 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/18/16	GEB 315	Faculty	30 of 30
<i>KBOR Seamless Transfer</i>							
80557	062 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	GEB 313	Fischer E	30 of 30
<i>KBOR Seamless Transfer</i>							
80563	063 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	GEB 340	Lewis J	30 of 30
<i>KBOR Seamless Transfer</i>							
80564	064 F2F	-T-R---	11:00-12:25 PM	08/23/16-12/18/16	CLB 213	Faculty	20 of 20
<i>KBOR Seamless Transfer</i>							
Note: Math 171-064 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 Beth Edmonds at bedmond3@jccc.edu.							
80565	065 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	GEB 313	Hughes D	30 of 30
<i>KBOR Seamless Transfer</i>							
80566	081 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	GEB 315	Lewis J	30 of 30
<i>KBOR Seamless Transfer</i>							
80567	082 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	CLB 203	Dotson G	30 of 30
<i>KBOR Seamless Transfer</i>							
80568	083 F2F	-T-R---	04:30-05:45 PM	08/23/16-12/18/16	CLB 203	Hoopes D	30 of 30
<i>KBOR Seamless Transfer</i>							
80569	090 F2F	-T-R---	06:00-08:15 PM	08/23/16-12/18/16	CLB 211	Hoopes D	30 of 30
<i>KBOR Seamless Transfer</i>							
80570	091 F2F	-T-R---	06:00-07:15 PM	08/23/16-12/18/16	 OHEC 105	Lewis J	24 of 24
<i>KBOR Seamless Transfer</i>							
80572	100 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	CLB 403	Faculty	30 of 30
<i>KBOR Seamless Transfer</i>							
80574	140 F2F	----F--	06:00-08:50 PM	08/26/16-12/18/16	CLB 205	Faculty	30 of 30
<i>KBOR Seamless Transfer</i>							
80576	150 F2F	-----S-	09:00-11:50 AM	08/27/16-12/18/16	CLB 209	Reinhard V	24 of 24
<i>KBOR Seamless Transfer</i>							
80579	280 F2F	-T-R---	08:00-09:25 AM	09/06/16-12/18/16	CLB 203	Faculty	18 of 18
<i>KBOR Seamless Transfer</i>							
80582	281 F2F	M-W-F--	11:00-11:55 AM	09/07/16-12/18/16	GEB 315	Imm C	18 of 18
<i>KBOR Seamless Transfer</i>							
80583	350 ONLNE	-----	-	08/22/16-12/18/16	Online	Lewis J	30 of 30
<i>KBOR Seamless Transfer</i>							
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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.							
80584	351 ONLNE	-----	-	08/22/16-12/18/16	Online	Imm C	30 of 30
<i>KBOR Seamless Transfer</i>							

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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

80585	352 ONLINE	-----	-	08/22/16-12/18/16	Online	Lewis J	30 of 30
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KBOR Seamless Transfer

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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

80586	353 ONLINE	-----	-	08/22/16-12/18/16	Online	Imm C	30 of 30
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KBOR Seamless Transfer

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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

80587	370 ONLINE	-----	-	09/06/16-12/18/16	Online	Dunham J	18 of 18
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KBOR Seamless Transfer

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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

80588	371 ONLINE	-----	-	09/06/16-12/18/16	Online	Gibbs A	18 of 18
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KBOR Seamless Transfer

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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

80589	375 ONLINE	-----	-	09/19/16-12/18/16	Online	Veer P	15 of 15
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KBOR Seamless Transfer

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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

80590	450 SEL	-----	-	08/22/16-12/17/17	Self Paced	Veer P	30 of 30
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KBOR Seamless Transfer

Note: Fall students can begin their study in this self-paced math course up through November 1, 2016, 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/academics/math-science/mathematics/self-paced.html>

(<http://www.jccc.edu/academics/math-science/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/coursedescriptions/math/#MATH_172)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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80591	010 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	OCB 308	Jensen J	24 of 24
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KBOR Seamless Transfer

80592	030 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	CLB 213	McChesney T	24 of 24
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KBOR Seamless Transfer

80595	050 F2F	M-W----	06:00-07:15 PM	08/22/16-12/18/16	CLB 402	Faculty	26 of 26
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KBOR Seamless Transfer

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 \(http://catalog.jccc.edu/coursedescriptions/math/#MATH_181\)](http://catalog.jccc.edu/coursedescriptions/math/#MATH_181)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80614 010 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	CLB 213	Faculty	24 of 24
<i>KBOR Seamless Transfer</i>						
80615 011 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	CLB 209	Siebert K	24 of 24
<i>KBOR Seamless Transfer</i>						
80616 012 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	CLB 209	Siebert K	24 of 24
<i>KBOR Seamless Transfer</i>						
80617 013 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	CLB 213	Helgeson D	24 of 24
<i>KBOR Seamless Transfer</i>						
80618 030 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	CLB 209	Faculty	24 of 24
<i>KBOR Seamless Transfer</i>						
80619 031 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	CLB 209	Helgeson D	24 of 24
<i>KBOR Seamless Transfer</i>						
80620 040 F2F	M-W----	02:00-03:15 PM	08/22/16-12/18/16	CLB 209	Faculty	24 of 24
<i>KBOR Seamless Transfer</i>						
80621 060 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/18/16	CLB 213	Faculty	24 of 24
<i>KBOR Seamless Transfer</i>						
80622 061 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CLB 213	Faculty	24 of 24
<i>KBOR Seamless Transfer</i>						
80623 062 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	CLB 209	Faculty	24 of 24
<i>KBOR Seamless Transfer</i>						
80624 080 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	CLB 213	Faculty	24 of 24
<i>KBOR Seamless Transfer</i>						
80625 090 F2F	-T-R---	06:00-07:15 PM	08/23/16-12/18/16	CLB 213	Faculty	24 of 24
<i>KBOR Seamless Transfer</i>						
80626 150 F2F	-----S-	09:00-11:50 AM	08/27/16-12/18/16	CLB 213	Faculty	24 of 24
<i>KBOR Seamless Transfer</i>						
80627 280 F2F	-T-R---	12:30-01:55 PM	09/06/16-12/18/16	CLB 209	Faculty	18 of 18
<i>KBOR Seamless Transfer</i>						
80628 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Palcic R	24 of 24
<i>KBOR Seamless Transfer</i>						
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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.						
80630 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Palcic R	24 of 24

KBOR Seamless Transfer

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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

80631 352 ONLINE ----- - 08/22/16-12/18/16 Online Palcic R 24 of 24

KBOR Seamless Transfer

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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

80633 353 ONLINE ----- - 08/22/16-12/18/16 Online Palcic R 24 of 24

KBOR Seamless Transfer

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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

80634 370 ONLINE ----- - 09/06/16-12/18/16 Online Cooper B 18 of 18

KBOR Seamless Transfer

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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

80635 371 ONLINE ----- - 09/06/16-12/18/16 Online Cooper B 18 of 18

KBOR Seamless Transfer

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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

80636 450 SEL ----- - 08/22/16-12/17/17 Self Paced Veer P 25 of 25

KBOR Seamless Transfer

Note: Fall students can begin their study in this self-paced math course up through November 1, 2016, 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/academics/math-science/mathematics/self-paced.html> (<http://www.jccc.edu/academics/math-science/mathematics/self-paced.html>) Requirement: Department approval

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/coursedescriptions/math/#MATH_214)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80637 100 F2F	M-----	03:00-04:15 PM	08/22/16-12/18/16	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

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80638 120 F2F	--W----	03:00-04:15 PM	08/24/16-12/18/16	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/coursedescriptions/math/#MATH_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80639 010 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	CLB 203	Faculty	30 of 30
80640 011 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	CLB 207	O'Neil C	30 of 30
80641 030 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	GEB 381	Jensen J	24 of 24
80642 060 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CLB 402	O'Neil C	26 of 26
80643 080 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	CLB 203	Lefert K	30 of 30
80644 090 F2F	-T-R---	06:00-07:15 PM	08/23/16-12/18/16	CLB 402	Faculty	26 of 26
80645 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Imm C	30 of 30
80646 370 ONLNE	-----	-	09/06/16-12/18/16	Online	Faculty	18 of 18

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 or more proctored exams will be taken on-campus or at an approved proctoring site. 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 complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

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 and areas 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 or MATH 172 with a grade of "C" or higher) or MATH 173 with a grade of "C" or higher or an appropriate score on a placement test

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_241)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80647 001 F2F	MTWRF--	08:00-08:50 AM	08/22/16-12/18/16	CLB 205	Wilson S	30 of 30
<i>KBOR Seamless Transfer</i>						
80648 002 F2F	MTWRF--	09:00-09:50 AM	08/22/16-12/18/16	CLB 205	Helgeson D	30 of 30
<i>KBOR Seamless Transfer</i>						
80649 003 F2F	MTWRF--	10:00-10:50 AM	08/22/16-12/18/16	CLB 205	Edmonds B	30 of 30
<i>KBOR Seamless Transfer</i>						

80650 004 F2F	MTWRF--	11:00-11:50 AM	08/22/16-12/18/16	CLB 205	Wang S	30 of 30
<i>KBOR Seamless Transfer</i>						
80651 005 F2F	MTWRF--	12:00-12:50 PM	08/22/16-12/18/16	CLB 211	Edmonds B	30 of 30
<i>KBOR Seamless Transfer</i>						
80652 006 F2F	MTWRF--	01:00-01:50 PM	08/22/16-12/18/16	CLB 403	Dotson G	30 of 30
<i>KBOR Seamless Transfer</i>						
80653 030 F2F	M-W-F--	02:00-03:25 PM	08/22/16-12/18/16	CLB 205	Gibbs A	30 of 30
<i>KBOR Seamless Transfer</i>						
80655 050 F2F	M-W----	06:00-08:15 PM	08/22/16-12/18/16	GEB 313	Gibbs A	30 of 30
<i>KBOR Seamless Transfer</i>						
80654 080 F2F	-T-R---	03:30-05:45 PM	08/23/16-12/18/16	CLB 207	Hughes D	30 of 30
<i>KBOR Seamless Transfer</i>						

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/coursedescriptions/math/#MATH_242)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80656 001 F2F	MTWRF--	08:00-08:50 AM	08/22/16-12/18/16	GEB 340	Faculty	30 of 30
80657 002 F2F	MTWRF--	11:00-11:50 AM	08/22/16-12/18/16	CLB 211	Siebert K	30 of 30
80658 003 F2F	MTWRF--	12:00-12:50 PM	08/22/16-12/18/16	CLB 403	Grondahl R	30 of 30
80659 050 F2F	M-W----	06:00-08:15 PM	08/22/16-12/18/16	CLB 211	Hughes D	30 of 30
80660 080 F2F	-T-R---	03:30-05:45 PM	08/23/16-12/18/16	CLB 211	Edmonds B	30 of 30

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/coursedescriptions/math/#MATH_243)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80661 001 F2F	MTWRF--	08:00-08:50 AM	08/22/16-12/18/16	CLB 211	McChesney T	30 of 30
80662 002 F2F	MTWRF--	01:00-01:50 PM	08/22/16-12/18/16	CLB 402	McChesney T	26 of 26
80663 040 F2F	-T-R---	03:30-05:45 PM	08/23/16-12/18/16	CLB 209	Faculty	24 of 24
80664 090 F2F	M-W----	06:00-08:15 PM	08/22/16-12/18/16	CLB 207	Faculty	30 of 30

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/coursedescriptions/math/#MATH_246)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80665 050 F2F	M-W----	06:00-07:15 PM	08/22/16-12/18/16	GEB 315	Faculty	30 of 30

MATH 254 - Differential Equations

This course will cover standard types of equations that involve rates of change. In particular, this is an introductory course in equations that involve ordinary derivatives. Both qualitative and quantitative approaches will be used. Standard types and methods will be covered, including Laplace transforms, infinite series, and numerical methods. Basic linear algebra will be developed to solve systems of differential equations. 4 hrs. lecture/wk.

Credit Hours: 4

Associated Costs: \$0 to \$100

Prerequisite: MATH 243 with a grade of "C" or higher or an equivalent course with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_254)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80666 001 F2F	MTWR---	01:00-01:50 PM	08/22/16-12/18/16	CLB 205	Edmonds B	30 of 30

MATH 285 - Statistics for Business

This is a beginning course in calculus-based statistical analysis with an emphasis on applications to business. The skill of making sense of raw data is important, and includes constructing graphical representations of data, developing models for making predictions, performing tests to determine significant change and finding intervals for population values. Students will learn the basics of descriptive statistics, probability, sampling, confidence intervals, hypothesis testing, linear regression, and an introduction to quality control. Students must have an understanding of calculus concepts in order to successfully complete this course. 4 hrs. lecture/wk. Students transferring MATH 285 to KU must have CIS 201 as a corequisite.

Credit Hours: 4

Associated Costs: \$0 to \$100

Prerequisite: MATH 231 or MATH 241 or an equivalent course with a grade of "C" or higher Note: Students transferring MATH 285 to the University of Kansas must have CIS 201 as a corequisite.

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_285)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80667 001 F2F	MTWR---	08:00-08:50 AM	08/22/16-12/18/16	CLB 209	Faculty	24 of 24
80668 090 F2F	-T-R---	06:00-07:50 PM	08/23/16-12/18/16	CLB 209	Faculty	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: 3

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_292)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80669 010 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	CLB 213	Wilson S	24 of 24

This section's title is **Special Topics: A Pass to Elliptic Curves**.

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/coursedescriptions/mfab/#MFAB_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81182 001 F2F	--W----	08:00-08:50 AM	08/24/16-12/18/16	ATB 134	Davidson M	15 of 15
	Lab --W----	09:00-12:50 PM	08/24/16-12/18/16	ATB 150		

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81185 002 F2F	-----S-	08:00-08:50 AM	08/27/16-12/18/16	ATB 125	Crompton S	15 of 15
	Lab -----S-	09:00-12:50 PM	08/27/16-12/18/16	ATB 150		

Kansas Senate Bill SB 155

81187 003 F2F	-T-----	08:00-08:50 AM	08/23/16-12/18/16	ATB 134	Faculty	15 of 15
	Lab -T-----	09:00-12:50 PM	08/23/16-12/18/16	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, 4 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$80

Outline (http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81190 001 F2F	-T-----	05:00-05:50 PM	08/23/16-12/18/16	ATB 128	Tanking J	15 of 15
	Lab -T-----	06:00-09:50 PM	08/23/16-12/18/16	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/coursedescriptions/mfab/#MFAB_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81191 001 F2F	MTWR---	12:00-12:50 PM	08/22/16-09/15/16	ATB 131	Tremain R	15 of 15
	Lab MTWR---	01:00-04:50 PM	08/22/16-09/15/16	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/coursedescriptions/mfab/#MFAB_133)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81255 001 F2F	MTWR---	12:00-12:50 PM	09/19/16-10/13/16	ATB 131	Tremain R	15 of 15
	Lab MTWR---	01:00-04:50 PM	09/19/16-10/13/16	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/coursedescriptions/mfab/#MFAB_136)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81256 001 F2F	MTWR---	12:00-12:50 PM	10/17/16-11/10/16	ATB 131	Tremain R	15 of 15
	Lab MTWR---	01:00-04:50 PM	10/17/16-11/10/16	ATB 150		

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/coursedescriptions/mfab/#MFAB_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81192 001 F2F	M-----	06:00-07:50 PM	08/22/16-12/18/16	ATB 134	Pommier G	18 of 18

Kansas Senate Bill SB 155

MFAB 205 - Shielded Metal Arc Welding (SMAW) II

Upon successful completion of this course, the student should be able to weld fillet welds in the vertical-up (3F), and overhead (4F) weld positions, and groove joints in the vertical up, (3G) and overhead position (4G) weld positions with and/or without backing to industry standards. Students will be required to prepare materials using oxy-fuel cutting techniques. Students will perform a welding proficiency test equal to or exceeding the American Welding society (AWS) standard D1.1. Structural welding code. Students will be expected to provide basic hand tools and/or equipment. 1 hr. lecture, 4hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Prerequisite: MFAB 131

Outline (http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81193 001 F2F	-T-----	05:00-05:50 PM	08/23/16-12/18/16	ATB 125	Faculty	14 of 14
	Lab -T-----	06:00-09:50 PM	08/23/16-12/18/16	ATB 150		

Kansas Senate Bill SB 155

MFAB 210 - Gas Metal Arc Welding (GMAW) II

Upon completion of this course the student should be able to perform more advanced welds in selected positions on a variety of metal thicknesses. Mild steel, stainless steel, and aluminum metals will be utilized. Emphasis will be on short circuit, spray arc and pulse arc modes of metal transfer using larger diameter wire electrode. Industry standard testing techniques will be used. 1 hr. lecture, 4hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Prerequisite: MFAB 133

Outline (http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81194 001 F2F	--W----	05:00-05:50 PM	08/24/16-12/18/16	ATB 125	Davidson M	14 of 14
	Lab --W----	06:00-09:50 PM	08/24/16-12/18/16	ATB 150		

Kansas Senate Bill SB 155

MFAB 215 - Fabrication Practices I

Upon completion of this class, the student should be able to work from discipline specific drawings to manufacture and assemble a mock building section. This class is a capstone course and is intended to serve all MFAB graduate students who have completed the fundamental skills coursework within the metal fabrication certificate or degree programs. The Fabrication Practices I class is part one of an advanced comprehensive class intended to put to practical use the skills obtained throughout the existing Metal Fabrication and Welding Technology Career program. This class will put emphasis on structural steel fabrication, erection, and assembly. The coursework will focus on modern welding fabrication techniques and practices used in the manufacturing and installation of structural steel, piping systems, and miscellaneous welded mechanical items. Students will work in teams of three or four persons. 1 hr. lecture, 6 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Prerequisites: MFAB 131 and MFAB 133 and MFAB 136

Outline (http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81195 001 F2F	-T-R---	05:30-05:55 PM	08/23/16-12/18/16	WLB 102	Lipko J	15 of 15
	Lab -T-R---	06:00-08:50 PM	08/23/16-12/18/16	WLB 130		

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MFAB 220 - Flux Core Arc Welding (FCAW)

Upon completion of this course the student should be able to identify safety rules associated with the flux core arc welding (FCAW) process, identify FCAW equipment components, and perform welds in selected positions on a variety of metal thicknesses to industry standards. 1hr. lecture, 4hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Prerequisite: MFAB 133

Outline (http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81207 001 F2F	M-----	05:00-05:50 PM	08/22/16-12/18/16	WLB 102	Neal M	15 of 15
	Lab M-----	06:00-09:50 PM	08/22/16-12/18/16	WLB 130		

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/coursedescriptions/mfab/#MFAB_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81211 001 F2F	---F--	02:00-03:50 PM	08/26/16-12/18/16	ATB 127	Stoufer J	18 of 18

Kansas Senate Bill SB 155

MFAB 241 - Gas Tungsten Arc Welding (GTAW) II

Upon successful completion of this course the student will be able to do more advanced GTAW welding projects. Weld in a variety of positions and on several thicknesses of material. Emphasis will be on safety, quality, measurements, and out of position welding. Students will weld on tubular material of a variety of sizes and thicknesses. Square and/or round tube will be fabricated to mate at several common angles using power tools and equipment. 1hr. lecture, 4hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Prerequisite: MFAB 136

Outline (http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_241)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81212 001 F2F	---R---	05:00-05:50 PM	08/25/16-12/18/16	ATB 142	Sprague B	15 of 15
	Lab ---R---	06:00-09:50 PM	08/25/16-12/18/16	ATB 150		

Kansas Senate Bill SB 155

MFAB 255 - Advanced Machine Tool Technology

This course provides students further instruction and practice on machine tool operations. Advanced techniques using lathes, milling machine, drill presses and precision grinders and the use of specialized tooling, clamps and jigs are covered. Machining techniques requiring special applications such as steady rest, and centering techniques will be addressed. Students will learn the various techniques of working with stock to produce parts from drawing, plans and sketches. Hardening, tempering and basic metallurgy will also be covered. 5 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$85

Prerequisite: MFAB 128

Outline (http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81213 001 F2F	---R---	05:00-05:50 PM	08/25/16-12/18/16	ATB 125	Tanking J	14 of 14
	Lab ---R---	06:00-09:50 PM	08/25/16-12/18/16	ATB 146		

Kansas Senate Bill SB 155

Med Info & Revenue Management

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/coursedescriptions/mirm/#MIRM_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80857 350 ONLNE	-----	-	08/22/16-12/18/16	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/coursedescriptions/mirm/#MIRM_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80858 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	15 of 15

Kansas Senate Bill SB 155

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/coursedescriptions/mirm/#MIRM_142)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80859 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	15 of 15

Kansas Senate Bill SB 155

80860 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	15 of 15
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Kansas Senate Bill SB 155

MIRM 143 - Coding Classification Systems I

This course focuses on the International Classification of Diseases 9th revision clinical modification (ICD-9-CM), as well as the 10th revision clinical modification and procedural coding system (ICD-10-CM/PCS) used in medical coding. Students will learn the role of ICD-9-CM and ICD-10-CM/PCS in coding for inpatient healthcare encounters, as well as the use of ICD-9-CM and ICD-10-CM codes for diagnosis coding in ambulatory and physician service settings. Students will examine the evolution from ICD-9-CM to ICD-10-CM/PCS in the United States, as well as compare and contrast between the 9th and 10th revisions of ICD. Instruction focuses on the importance of ethical conduct for coding professionals. 3 hrs. lecture/wk. This course is taught in the fall semester.

Credit Hours: 3

Prerequisites: BIOL 144 and HC 130 and MIRM 140

Outline (http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_143)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80861 001 F2F	---R---	05:00-07:50 PM	08/25/16-12/18/16		Faculty	15 of 15

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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/coursedescriptions/mirm/#MIRM_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80862 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Faculty	15 of 15

Kansas Senate Bill SB 155

MIRM 146 - Coding Classification Systems III

This course focuses on intermediate-level content related to diagnosis and procedure coding. Students will build upon entry-level knowledge of diagnosis and procedure coding for hospitals, ambulatory healthcare settings and physician services. Students will apply this knowledge to more complex coding topics and exercises. Instruction focuses on the importance of ethical conduct for coding professionals. 3 hrs. lecture/instructional lab/wk. This course is taught in the fall semester.

Credit Hours: 3

Prerequisite: MIRM 144

Outline (http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_146)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80863 001 F2F	-T-R---	06:00-07:30 PM	08/23/16-12/18/16		Faculty	15 of 15

Kansas Senate Bill SB 155

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/coursedescriptions/mirm/#MIRM_147)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80864 001 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	RC 185	Faculty	15 of 15

Kansas Senate Bill SB 155

MIRM 148 - Medical Coding Internship

This internship provides students with real-world coding experience in a healthcare facility. Students will shadow professional coders, as well as practice coding for a 40-hour work week. This internship also introduces students to various departments and professionals whose job functions relate to the work of medical coders through tours and interviews in the healthcare facility, with approximately 8 hours spent in this capacity. Students will prepare a daily journal describing their internship experiences. This internship includes 48 hours of internship responsibilities. A background check will be conducted on each student for internship placement purposes. Some healthcare facilities may require TB skin tests and/or drug screens for interns.

Note: Students must complete all other required certificate coursework with a 'C' or higher grade to enroll in this course.

Credit Hours: 1

Prerequisite or Corequisite: MIRM 146 and department approval

Outline (http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_148)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80865 500 INT	M-----	05:00-05:50 PM	08/22/16-08/22/16		Faculty	8 of 8
	-----	-	08/22/16-12/18/16	Online		

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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/coursedescriptions/mkt/#MKT_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80135 001 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	LIB 353B	Millard B	18 of 18
80136 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Millard B	24 of 24

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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.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80138 001 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	OCB 142	Hulen P	20 of 20
80139 350 ONLINE	-----	-	08/22/16-12/18/16	Online	Hulen P	22 of 22

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MKT 146 - Introduction to Social Media Marketing

Students in this course will survey usage of social media for marketing purposes. This course will study the relevance and importance of new and emerging marketing processes within social media. Students will analyze basic practical social media as well as learn "best practices" and use different social media throughout the class to create content. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_146)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80140 350 ONLINE	-----	-	08/29/16-12/18/16	Online	Spilde B	24 of 24

Kansas Senate Bill SB 155

MKT 180 - Experiential Marketing

This course consists of a series of hands-on experiences designed to help students identify and enhance skills needed as a marketing professional. Each experience will give students the opportunity to apply knowledge gained in prior class work toward the management of real-world marketing positions as well as prepare them for the job search. Students will acquire this applied experience in appropriate business situations through the development and implementation of an individualized professional development plan, job shadowing, involvement in professional marketing associations and events, informational interviews, a marketing simulation, the development of materials to support a job search, and analysis of/reflection on these activities. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$50 to \$100

Prerequisites: MKT 134 and MKT 230

Outline (http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80909 376 HYB	-----	-	09/12/16-12/18/16	Online	Millard B	18 of 18
	---R---	02:00-04:30 PM	09/15/16-09/15/16	GEB 353A		
	---R---	02:00-04:30 PM	10/13/16-10/13/16	GEB 353A		
	---R---	02:00-04:30 PM	12/01/16-12/01/16	GEB 353A		

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

Mandatory Class Times: 2:00pm-4:30pm on: Thursday, September 15th, October 13th and December 1st. Special arrangements can be made for mandatory class meetings with students living outside the KC Metro area and taking only online courses.

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/coursedescriptions/mkt/#MKT_202)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80141 001 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	OCB 248	Lundeen S	24 of 24
80143 350 ONLINE	-----	-	09/05/16-12/18/16	Online	Lundeen S	24 of 24

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/coursedescriptions/mkt/#MKT_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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80146 001 F2F --W---- 01:00-03:30 PM 09/14/16-12/14/16 GEB 379 Spilde B 20 of 20

Kansas Senate Bill SB 155

80147 350 ONLNE ----- - 08/29/16-12/18/16 Online Webb E 20 of 20

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/coursedescriptions/mkt/#MKT_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80148 350 ONLNE	-----	-	09/05/16-12/18/16	Online	Smith B	6 of 6

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80911 001 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16		Nikravan S	22 of 22

Kansas Senate Bill SB 155

80149 002 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	LIB 353B	Hulen P	22 of 22
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Kansas Senate Bill SB 155

80150 003 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	GEB 258	Hulen P	24 of 24
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Kansas Senate Bill SB 155

80151 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Millard B	22 of 22
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Kansas Senate Bill SB 155

80152 351 ONLNE	-----	-	08/29/16-12/18/16	Online	Millard B	22 of 22
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Kansas Senate Bill SB 155

80155 352 ONLNE	-----	-	09/05/16-12/18/16	Online	Hollister A	24 of 24
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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/coursedescriptions/mkt/#MKT_234)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80951 350 ONLINE	-----	-	09/12/16-12/18/16	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/coursedescriptions/mkt/#MKT_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80160 001 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	OCB 144	Thum G	24 of 24

Kansas Senate Bill SB 155

80161 350 ONLINE	-----	-	09/05/16-12/18/16	Online	Smith B	22 of 22
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Kansas Senate Bill SB 155

MKT 275 - Marketing Analytics and CRM (Customer Relationship Management)

This course will focus on the principles and strategic concepts of marketing analytics and customer relationship management (CRM). Digital marketing analytics uses digital models and metrics to improve marketing decisions and return on marketing investment (ROMI). Students will analyze the most up-to-date technologies in digital data analytics, automated marketing, database management, and CRM, as well as the role of business intelligence based on data in this process. Furthermore, the student will interpret the value of analytics and CRM in uncovering the human element in data and discovering behavioral insights that lead to higher profits. At the core of this class is the application of database marketing and maintaining profitable customer relationships. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: MKT 205

Outline (http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80900 350 ONLINE	-----	-	09/12/16-12/18/16	Online	Hollister A	22 of 22

Kansas Senate Bill SB 155

MKT 284 - Marketing 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 48 hours, per semester, of on-the-job training is required.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_284)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80162 500 INT	-----	-	08/22/16-12/18/16		Millard B	10 of 10

Kansas Senate Bill SB 155

MKT 286 - Marketing 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 48 hours, per semester, of on-the-job training is required.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/mkt#MKT_286)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80164 500 INT	-----	-	08/22/16-12/18/16		Millard B	10 of 10

Kansas Senate Bill SB 155

MKT 290 - Capstone: Marketing Management

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. The student will finalize a resume and marketing portfolio. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: MKT 134 and MKT 205 and MKT 230 or department approval Prerequisite or corequisite: MKT 180

Outline (http://catalog.jccc.edu/coursedescriptions/mkt#MKT_290)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80166 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Hulen P	22 of 22

Kansas Senate Bill SB 155

MKT 292 - Special Topics:

This course offers specialized or advanced discipline-specific content related to diverse areas of Marketing Management. Special Topics may be repeated for credit, but only on different topics. The course is structured to allow current marketing topics to be explored as an industry-valued skillset.

Credit Hours: 1

Associated Costs: \$35 to \$80

Outline (http://catalog.jccc.edu/coursedescriptions/mkt#MKT_292)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80952 350 ONLNE	-----	-	08/29/16-12/18/16	Online	Spilde B	22 of 22

This section's title is **Special Topics: Personal Branding.**

Special Focus

82413 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Faculty	22 of 22
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This section's title is **Special Topics: Insurance Marketing.**

Special Focus

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/coursedescriptions/mus#MUS_121) [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81465 001 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	OCB 144	Faculty	26 of 26
81466 002 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	OCB 144	Faculty	26 of 26
81468 003 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	OCB 144	Faculty	26 of 26

81470 004 F2F	-T-R---	04:00-05:15 PM	08/23/16-12/18/16	OCB 144	Kennedy N	26 of 26
81472 005 F2F	---R---	06:00-08:50 PM	08/25/16-12/18/16	OCB 144	Kennedy N	26 of 26
81473 006 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/18/16	OCB 144	Teal T	26 of 26
81474 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Brown D	25 of 25
81475 352 ONLINE	-----	-	08/22/16-12/18/16	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/coursedescriptions/mus/#MUS_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81476 001 F2F	-T-R---	09:30-10:20 AM	08/23/16-12/18/16	OCB 182	Shiflett K	26 of 26
81477 002 F2F	M-W----	11:00-11:50 AM	08/22/16-12/18/16	OCB 144	Shiflett K	26 of 26
For Elementary Ed Majors Only.						
81480 003 F2F	-T-R---	11:00-11:50 AM	08/23/16-12/18/16	OCB 192	Teal T	26 of 26

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/coursedescriptions/mus/#MUS_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81481 001 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	OCB 144	Ashlock C	26 of 26
81482 002 F2F	-T-----	06:00-08:50 PM	08/23/16-12/18/16	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/coursedescriptions/mus/#MUS_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81483 001 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	OCB 144	Auwarter D	26 of 26
81484 002 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	OCB 144	Auwarter D	26 of 26

MUS 128 - History of Rock and Roll Music

Through the study of the history of Rock and Roll music, students will discover how the various styles and structures of Rock have evolved, and how these styles reflected the social and cultural events in each stylistic era. By studying this history the students will also learn about the major Rock artists and what their contributions were to the development of the art form and the social climate in which the artist lived. The course will also address the role of technology on the development of the

music and the music business. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/mus#MUS_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81485 001 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	LIB 353B	Fitzer H	26 of 26
81486 002 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/18/16	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/coursedescriptions/mus#MUS_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81488 001 F2F	-T-R---	09:30-10:20 AM	08/23/16-12/18/16	OCB 192	Teal T	20 of 20

MUS 141 - Music Theory: Harmony I

This course is a basic study of the harmonic system sited in Western music composed from 1650 to 1900 and still in use in areas of music composition. Students will learn the basic skills involved in writing and analyzing music of this nature, as well as play simple chord progressions on the piano. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: MUS 123 with a grade of 'C' or higher or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/mus#MUS_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81489 001 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	OCB 192	Teal T	20 of 20

KBOR Seamless Transfer

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/coursedescriptions/mus#MUS_151)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81491 201 F2F	M-W-F--	12:00-12:50 PM	09/07/16-12/18/16	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/coursedescriptions/mus/#MUS_152)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81498 201 F2F	M-W-F--	12:00-12:50 PM	09/07/16-12/18/16	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/coursedescriptions/mus/#MUS_153)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81499 201 F2F	M-W-F--	12:00-12:50 PM	09/07/16-12/18/16	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/coursedescriptions/mus/#MUS_154)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81500 201 F2F	M-W-F--	12:00-12:50 PM	09/07/16-12/18/16	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/coursedescriptions/mus/#MUS_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81501 001 F2F	M-----	11:00-12:50 PM	08/22/16-12/18/16	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/coursedescriptions/mus/#MUS_156)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81502 001 F2F	--W-F--	09:00-10:50 AM	08/24/16-12/18/16	OCB 364	Moreland M	12 of 12
81791 002 F2F	--W-F--	11:00-12:50 PM	08/24/16-12/18/16	OCB 364	Moreland M	12 of 12
81505 003 F2F	-T-R---	09:00-10:50 AM	08/23/16-12/18/16	OCB 364	Moreland M	12 of 12
81506 004 F2F	-T-R---	11:00-12:50 PM	08/23/16-12/18/16	OCB 364	Moreland M	12 of 12
81503 005 F2F	-T-R---	04:00-05:50 PM	08/23/16-12/18/16	OCB 364	Olvera V	12 of 12
81504 006 F2F	-----S-	09:00-12:50 PM	08/27/16-12/18/16	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/coursedescriptions/mus/#MUS_157)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81793 001 F2F	-T-R---	02:00-03:50 PM	08/23/16-12/18/16	OCB 364	Olvera V	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/coursedescriptions/mus/#MUS_158)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81794 001 F2F	M-W----	01:00-03:20 PM	08/22/16-12/18/16	OCB 364	Ransom T	12 of 12
81795 002 F2F	M-W----	03:30-05:50 PM	08/22/16-12/18/16	OCB 364	Ransom T	12 of 12

Kansas Senate Bill SB 155

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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/coursedescriptions/mus/#MUS_161)

81804 201 F2F M-W-F-- 11:00-11:50 AM 09/07/16-12/18/16 OCB 192 Teal T 35 of 35

Requirement: audition required

MUS 162 - Chamber Choir II

This auditioned choral ensemble is open to participation by the student body. Prior choral experience or a reasonable level of music reading and vocal technique is necessary. The choir will learn a varied body of choral materials from the choral traditions of both past and present, performing at student and community activities. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisites: MUS 161 and audition

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_162)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81805 201 F2F	M-W-F--	11:00-11:50 AM	09/07/16-12/18/16	OCB 192	Teal T	35 of 35

Requirement: audition required

MUS 163 - Chamber Choir III

This auditioned choral ensemble is open to participation by the student body. Prior choral experience or a reasonable level of music reading and vocal technique is necessary. The choir will learn a varied body of choral materials from the choral traditions of both past and present, performing at student and community activities. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisites: MUS 162 and audition

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_163)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81806 201 F2F	M-W-F--	11:00-11:50 AM	09/07/16-12/18/16	OCB 192	Teal T	35 of 35

Requirement: audition required

MUS 164 - Chamber Choir IV

This auditioned choral ensemble is open to participation by the student body. Prior choral experience or a reasonable level of music reading and vocal technique is necessary. The choir will learn a varied body of choral materials from the choral traditions of both past and present, performing at student and community activities. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisites: MUS 163 and audition

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_164)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82408 201 F2F	M-W-F--	11:00-11:50 AM	09/07/16-12/18/16	OCB 192	Teal T	35 of 35

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/coursedescriptions/mus/#MUS_169)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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/coursedescriptions/mus/#MUS_170)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81808 001 F2F	-T-R---	12:00-12:50 PM	08/23/16-12/18/16	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/coursedescriptions/mus/#MUS_176)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81809 201 F2F	M-W-F--	10:00-10:50 AM	09/07/16-12/18/16	OCB 182	Ashlock C	25 of 25

Requirement: audition required

MUS 177 - Jazz Band II

This is a beginning-level course for the student with at least one semester of prior jazz band experience. Through rehearsal and performance, the student will learn beginning elements of music as applied to the jazz band performing format. Topics covered will include syncopated rhythm, Dorian minor scales and blues form. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisite: MUS 176 or audition required

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_177)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81810 201 F2F	M-W-F--	10:00-10:50 AM	09/07/16-12/18/16	OCB 182	Ashlock C	25 of 25

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/coursedescriptions/mus/#MUS_178)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81811 201 F2F	M-W-F--	10:00-10:50 AM	09/07/16-12/18/16	OCB 182	Ashlock C	25 of 25

Requirement: audition required

MUS 179 - Jazz Band IV

This is an advanced-level course for the student with at least three semesters of prior jazz band experience. Advanced elements of jazz music will be learned through rehearsal and performance. Topics covered will include Lydian scales and ensemble performance techniques. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisites: MUS 178 and audition required

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_179)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81812 201 F2F	M-W-F--	10:00-10:50 AM	09/07/16-12/18/16	OCB 182	Ashlock C	25 of 25

Requirement: audition required

MUS 185 - Live Sound Production I

This course is designed to teach the basic elements of sound, and the equipment and set-ups required to operate sound at live venues, like churches, live theaters or live musical venues. Students will learn techniques through demonstration, lecture and "hands-on" exercises in a professional facility. 4 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_185)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81813 001 F2F	M-----	01:00-04:50 PM	08/22/16-12/18/16	CC	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/coursedescriptions/mus/#MUS_186)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81814 001 F2F	M-----	06:00-09:50 PM	08/22/16-12/18/16	CC	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/coursedescriptions/mus/#MUS_187)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81815 001 F2F	M-W----	11:00-11:50 AM	09/07/16-12/18/16	OCB 182	Ashlock C	12 of 12

Requirement: audition required

MUS 188 - Jazz Improvisation II

This is an advanced-level course for the student with at least one semester of jazz improvisation. Through performance on the chosen instrument and written studies, the student will learn advanced concepts of jazz improvisation. Topics to be covered include jazz performance style, construction of the improvised solo and 32-bar song form. 2 hrs. integrated lecture/lab/wk.

Credit Hours: 2

Prerequisites: MUS 187 and audition required

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_188)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81816 001 F2F	M-W----	11:00-11:50 AM	09/07/16-12/18/16	OCB 182	Ashlock C	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/coursedescriptions/mus/#MUS_191)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81817 001 F2F	M-W-F--	01:00-01:50 PM	09/07/16-12/18/16	OCB 182	Faculty	40 of 40

Requirement: audition required

MUS 192 - Concert Band II

This is a beginning-level course in the concert band format for the student with at least one semester of prior concert band experience. Students will learn the beginning-level elements of music as related to the concert band through rehearsal and performance. Topics to be covered include odd meters, minor scales and homophonic texture. 3 hrs. integrated lecture/lab/wk..

Credit Hours: 1

Prerequisites: MUS 191 and audition required

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_192)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81818 001 F2F	M-W-F--	01:00-01:50 PM	09/07/16-12/18/16	OCB 182	Faculty	40 of 40

Requirement: audition required

MUS 193 - Concert Band III

This is an intermediate course for the student with at least two semesters of prior concert band experience. Through rehearsal and performance, the student will learn intermediate levels of the elements of music in the concert band format. Topics will include parade march style, concert march style and concert overture style. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisite: MUS 192 or audition required

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_193)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81819 001 F2F	M-W-F--	01:00-01:50 PM	09/07/16-12/18/16	OCB 182	Faculty	40 of 40

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/coursedescriptions/mus/#MUS_194)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81820 001 F2F	M-W-F--	01:00-01:50 PM	09/07/16-12/18/16	OCB 182	Faculty	40 of 40

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/coursedescriptions/mus/#MUS_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81821 001 F2F	-T-R---	06:00-06:50 PM	08/23/16-12/18/16	OCB 362	Dolnik N	8 of 8
81822 002 F2F	--W-F--	09:00-09:50 AM	08/24/16-12/18/16	OCB 362	Pretzel M	8 of 8
81823 003 F2F	-T-R---	10:00-10:50 AM	08/23/16-12/18/16	OCB 362	Pretzel M	8 of 8
81824 004 F2F	--W-F--	10:00-10:50 AM	08/24/16-12/18/16	OCB 362	Pretzel M	8 of 8

MUS 222 - Piano Class II

This is a beginning-level course that provides a basic knowledge of keyboard instruments. Students will learn and review musical terminology, musical notation and symbols, and specific piano-related terminology. Topics covered will include major and minor key signatures; exercises and repertoire using major and minor scales; exercises and repertoire using major, minor, diminished and augmented triads in root position and inversions; chord progressions; ensemble playing of two to four parts; and use of the damper pedal. This course is the continuation of MUS 221. Completion of this course should precede Applied Piano I. This course is for beginners able to progress at a fast pace, students with minimal previous experience or students who have completed MUS 221. 2 hrs./wk.

Credit Hours: 2

Prerequisites: MUS 221 and department approval required

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_222)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81825 001 F2F	--W-F--	11:00-11:50 AM	08/24/16-12/18/16	OCB 362	Pretzel M	8 of 8

Requirement: Department approval

MUS 226 - Applied Guitar I (Class)

Students will be provided with a foundation in guitar technique upon which to base further study of the instrument. The course consists of an introduction to the use of the guitar as a solo, accompaniment and ensemble instrument. 1 hr./wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_226)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81826 001 F2F	M-----	12:00-12:50 PM	08/22/16-12/18/16	OCB 182	Fitzer H	12 of 12

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/coursedescriptions/mus/#MUS_227)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81828 201 F2F	-T-----	11:00-11:50 AM	09/06/16-12/18/16	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/coursedescriptions/mus/#MUS_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81982 601 PVL	-----	-	08/22/16-12/18/16	OCB 184	Shiflett K	5 of 5

Requirement: Department approval

81985 602 PVL	-----	-	08/22/16-12/18/16	OCB 184	Teal T	5 of 5
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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/coursedescriptions/mus/#MUS_232)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81989 601 PVL	-----	-	08/22/16-12/18/16	OCB 184	Shiflett K	5 of 5

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/coursedescriptions/mus/#MUS_233)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81990 601 PVL	-----	-	08/22/16-12/18/16	OCB 184	Shiflett K	5 of 5

Requirement: Department approval

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/coursedescriptions/mus/#MUS_236)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81994 601 PVL	-----	-	08/22/16-12/18/16	OCB 186	Pretzel M	5 of 5

Requirement: Department approval

81995 602 PVL	-----	-	08/22/16-12/18/16	OCB 186	Dolnik N	5 of 5
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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/coursedescriptions/mus/#MUS_237)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82459 601 PVL	-----	-	08/22/16-12/18/16	OCB 186	Pretzel M	5 of 5

Requirement: Department approval

82005 602 PVL	-----	-	08/22/16-12/18/16	OCB 364	Dolnik N	5 of 5
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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/coursedescriptions/mus/#MUS_238)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82006 601 PVL	-----	-	08/22/16-12/18/16	OCB 186	Pretzel M	5 of 5

Requirement: Department approval

82007 602 PVL	-----	-	08/22/16-12/18/16	OCB 186	Dolnik N	5 of 5
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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/coursedescriptions/mus#MUS_239)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82104 601 PVL	-----	-	08/22/16-12/18/16	OCB 186	Pretzel M	5 of 5

Requirement: Department approval

82106 602 PVL	-----	-	08/22/16-12/18/16	OCB 186	Dolnik N	5 of 5
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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/coursedescriptions/mus#MUS_241)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82108 601 PVL	-----	-	08/22/16-12/18/16	OCB 188	Fitzer H	5 of 5

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/coursedescriptions/mus#MUS_242)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82111 601 PVL	-----	-	08/22/16-12/18/16	OCB 188	Fitzer H	5 of 5

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/coursedescriptions/mus#MUS_243)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82114 601 PVL	-----	-	08/22/16-12/18/16	OCB 188	Fitzer H	5 of 5

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/coursedescriptions/mus#MUS_244)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82115 601 PVL	-----	-	08/22/16-12/18/16	OCB 188	Fitzer H	5 of 5

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/coursedescriptions/mus#MUS_246)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82116 601 PVL	-----	-	08/22/16-12/18/16	OCB 188	Fitzer H	5 of 5

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/coursedescriptions/mus#MUS_247)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82117 601 PVL	-----	-	08/22/16-12/18/16	OCB 188	Fitzer H	5 of 5

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/coursedescriptions/mus#MUS_251)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82118 601 PVL	-----	-	08/22/16-12/18/16	OCB 184	Faculty	5 of 5

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 dupe and triple rhytm. snare drum rudiments and basic snare drum performance patterns.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_256)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82120 601 PVL	-----	-	08/22/16-12/18/16	OCB 182	Auwarter D	5 of 5

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/coursedescriptions/mus/#MUS_257)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82122 601 PVL	-----	-	08/22/16-12/18/16	OCB 182	Auwarter D	5 of 5

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/coursedescriptions/mus/#MUS_261)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82124 601 PVL	-----	-	08/22/16-12/18/16	OCB 182	Isaac J	5 of 5

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/coursedescriptions/mus/#MUS_263)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82125 601 PVL	-----	-	08/22/16-12/18/16	OCB 182	Isaac J	5 of 5

Requirement: Department approval

Neurodiagnostic Technology

NDT 125 - Introduction to Neurodiagnostic Technology

This course provides an introduction to Neurodiagnostic Technology (NDT) including history, concepts, techniques, and instruments used in recording brain activity. Students will engage in a variety of learning activities to explore the Neurodiagnostic career field and establish foundational concepts used in later courses. In the lab, students will receive hands-on experience using the internationally recognized method to describe the location of scalp electrodes (International 10-20 System).

Emphasis will be placed on ensuring electrical safety, electrode application, patient interaction, developing an accurate patient history, careful handling of the patient, reviewing normal electroencephalographic (EEG) activity, identifying normal variants and artifacts. The course will use a blended approach that ties the classroom concepts to performing an EEG in the lab. 3 hrs. lecture/wk. and 2 hrs. lab/wk.

Credit Hours: 4

Requirements: Admission to the Neurodiagnostic Program Corequisites: EMS 121 and NDT 130 and NDT 135

Outline (http://catalog.jccc.edu/coursedescriptions/ndt#NDT_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82723 001 F2F	-T-R---	08:00-09:45 AM	08/23/16-12/15/16	OHEC 119	Sanner C	12 of 12

Kansas Senate Bill SB 155

NDT 130 - Foundations of Neurodiagnostic Technology

Students will engage in a variety of learning activities to build on neurodiagnostic technology knowledge to perform diagnostic procedures and react to patient responses in the clinical setting. This course is designed to build on learned concepts of anatomy and physiology. Emphasis will be on neurobiological processes and patient responses to medication and diseases. Students will explore medications that affect the cellular function of the nervous system and how chemical interactions alter the electroencephalogram (EEG). Students will also study how medications treat or alleviate symptoms of neurological disorders. 3 hrs. lecture/wk.

Credit Hours: 3

Requirements: Admission to the Neurodiagnostic Program Corequisites: NDT 125 and NDT 135 Prerequisite or corequisite: EMS 121

Outline (http://catalog.jccc.edu/coursedescriptions/ndt#NDT_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82725 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Sanner C	12 of 12

Kansas Senate Bill SB 155

NDT 135 - Pediatric Neurodiagnostic Technology I

This course will discuss pediatric terminology as it relates to the Neurodiagnostic Technology (NDT) field. Students will study the development of the brain from premature infants to older children and its correlations on the electroencephalogram (EEG). Students will learn to assess pediatric electrographic activity in a variety of ranges including pediatric EEG variants, normal and abnormal categories, as well as seizure patterns. In the lab students will develop the skills necessary for accurate electrode placement and application on pediatric patients. A variety of learning activities will allow students to perform an EEG in the lab prior to performing an EEG in the clinical setting. Course instruction will occur using a blended approach that focuses on active engagement of the student in the classroom and simulated lab setting. 3 hrs. lecture/wk. and 4 hrs. lab/wk.

Credit Hours: 5

Requirements: Admission to the Neurodiagnostic Program Corequisites: EMS 121 and NDT 125 and NDT 130

Outline (http://catalog.jccc.edu/coursedescriptions/ndt#NDT_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82724 001 F2F	-T-R---	10:00-12:00 PM	08/23/16-12/18/16	OHEC 119	Sanner C	12 of 12

Kansas Senate Bill SB 155



NDT 225 - Polysomnography

This course will provide a comprehensive study of Polysomnography (PSG) including: the history of sleep medicine, neurophysiologic mechanisms of normal sleep, cardiopulmonary anatomy and physiology as it relates to sleep medicine, electrocardiogram (ECG) interpretation, sleep study equipment, disease processes and conditions which adversely affect sleep, patient and equipment preparation, PSG monitoring and documentation, sleep study scoring, and therapeutic interventions associated with PSG procedures. 7 hrs. integrated/lecture/lab/wk.

Credit Hours: 5

Prerequisites: NDT 140 and NDT 145 and NDT 150 and NDT 155 (All courses must be completed with a grade of "C" or higher.) Corequisites: NDT 230 and NDT 240

Outline (http://catalog.jccc.edu/coursedescriptions/ndt#NDT_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82726 001 F2F	-T-----	09:30-12:00 PM	08/23/16-12/13/16	 OHEC 105	Sanner C	12 of 12
<i>Kansas Senate Bill SB 155</i>						
82727 002 F2F	-T-----	01:00-03:00 PM	08/23/16-12/13/16	 OHEC 119	Sanner C	12 of 12
<i>Kansas Senate Bill SB 155</i>						


NDT 230 - Adult Neurodiagnostic Technology II

This course will expand on concepts acquired in Adult Neurodiagnostic Technology I and include discussion of the effects of trauma and cerebral vascular accidents as well as the use of EEG in differential diagnosis. Students will correlate electroencephalographic (EEG) patterns with clinical conditions. This course reinforces the role of the neurodiagnostic technologist in aiding the physician with differential diagnosis of patients. Students will have the opportunity to refine knowledge and skills related to equipment and modifications of the neurodiagnostic procedures based on current patient information in the co-requisite clinical course. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: NDT 140 and NDT 145 and NDT 150 and NDT 155 (All courses must be completed with a grade of "C" or higher.) **Corequisites:** NDT 225 and NDT 240

Outline (http://catalog.jccc.edu/coursedescriptions/ndt#NDT_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82728 001 F2F	M-----	09:00-12:00 PM	08/22/16-12/12/16	 OHEC 105	Sanner C	12 of 12
<i>Kansas Senate Bill SB 155</i>						

NDT 240 - Neurodiagnostic Clinical II

This course is the second in a series of three clinical courses in the Neurodiagnostic Technologist (NDT) program. Students will build on fundamental neurodiagnostic knowledge and skills acquired in the first NDT course to provide a safe recording environment while performing neurodiagnostic recordings. Students will have the opportunity to work with patients under supervision to develop their skills and understanding of NDT procedures. 240 hrs. clinical/total

Credit Hours: 4

Prerequisites: NDT 140 and NDT 145 and NDT 150 and NDT 155 (All courses must be completed with a grade of "C" or higher.) **Corequisites:** NDT 225 and NDT 230

Outline (http://catalog.jccc.edu/coursedescriptions/ndt#NDT_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82729 001 CLI	--WRF--	08:00-05:00 PM	08/24/16-12/14/16		Portmann R	12 of 12
<i>Kansas Senate Bill SB 155</i>						

Nursing

NURS 100 - Concepts of Nursing Care: Foundations

Students will engage in a variety of learning activities to build nursing knowledge and skills necessary to care for patients who present with diverse characteristics across the healthcare continuum. The course establishes a foundation of concepts that students will use and expand upon in subsequent courses. These concepts will serve as a foundation for building the 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 apply theoretical content and therapeutic interventions to patients with common health alterations in the clinical component of the course, which will focus on patients with low complexity diseases (i.e. stable, predictable illnesses). Course instruction will occur using a blended approach that focuses on active engagement of the student in the classroom, online, and in the Health Resource Center, the Simulation Center and a variety of healthcare agencies.

Credit Hours: 8

Requirements: Admission to the Nursing Program Prerequisite or Corequisite: BIOL 227 Corequisite: NURS 125

Outline (http://catalog.jccc.edu/coursedescriptions/nurs#NURS_100)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81062 001 F2F	M-----	08:00-02:00 PM	08/22/16-08/22/16	RC 101A	Foster M Deines W Plank K	64 of 64

Gibbar S
 Shank L
 Kendrick L
 Duggan C
 Carver K
 Wilson D
 LaMartina K
 Barlett M
 Ronnebaum E
 Ritter M
 Welch K
 McNally J
 Gill R
 Quinn R
 Vezendan C
 Lafferty L

M-----	08:00-02:00 PM	08/22/16-08/22/16	RC 101B
-T-----	08:00-03:00 PM	08/23/16-08/23/16	SCI 222
--W----	08:00-02:00 PM	08/24/16-08/24/16	SCI 222
---R---	08:00-12:00 PM	08/25/16-08/25/16	SCI 222
----F--	08:00-12:00 PM	08/26/16-08/26/16	RC 101C
----F--	08:00-12:00 PM	08/26/16-08/26/16	RC 101D
M-----	12:00-02:00 PM	08/29/16-08/29/16	SCI 222
----F--	10:00-12:00 PM	09/02/16-09/02/16	SCI 222
----F--	08:00-03:00 PM	09/09/16-09/09/16	CLB 111
----F--	08:00-03:00 PM	09/09/16-09/09/16	CLB 113
----F--	11:00-11:30 AM	09/09/16-09/09/16	SCI 222
M-----	08:00-02:00 PM	09/12/16-09/12/16	SCI 222
---R---	08:00-12:00 PM	09/15/16-09/15/16	SCI 222
----F--	08:00-04:00 PM	09/16/16-09/16/16	CC 211
----F--	08:00-04:00 PM	09/16/16-09/16/16	CLB 111
----F--	08:00-04:00 PM	09/16/16-09/16/16	CLB 113
M-----	08:00-11:59 AM	09/19/16-09/19/16	SCI 222
M-----	12:00-01:00 PM	09/19/16-09/19/16	CC 211
----F--	08:00-09:59 AM	09/23/16-09/23/16	SCI 222
----F--	10:00-12:00 PM	09/23/16-09/23/16	CLB 111
----F--	10:00-12:00 PM	09/23/16-09/23/16	CLB 113
M-----	08:00-03:00 PM	09/26/16-09/26/16	SCI 222
----F--	10:00-12:00 PM	09/30/16-09/30/16	SCI 222
M-----	11:00-11:59 AM	10/03/16-10/03/16	SCI 222
M-----	08:00-05:00 PM	10/10/16-10/10/16	SCI 222
----F--	08:00-12:00 PM	10/14/16-10/14/16	SCI 222
M-----	12:00-03:00 PM	10/17/16-10/17/16	RC 101C
M-----	12:00-03:00 PM	10/17/16-10/17/16	RC 101D
----F--	08:30-03:30 PM	10/21/16-10/21/16	CLB 111
----F--	08:30-03:30 PM	10/21/16-10/21/16	CLB 113
M-----	10:00-10:50 AM	10/24/16-10/24/16	SCI 222
M-----	12:00-04:00 PM	10/24/16-10/24/16	SCI 222
M-----	08:00-02:00 PM	10/31/16-10/31/16	SCI 222
----F--	10:00-12:00 PM	11/04/16-11/04/16	SCI 222
M-----	10:30-04:00 PM	11/07/16-11/07/16	SCI 222
M-----	08:00-03:00 PM	11/14/16-11/14/16	SCI 222
----F--	08:00-05:00 PM	11/18/16-11/18/16	CC 232

----F--	08:00-05:00 PM	11/18/16-11/18/16	CLB 111
M-----	08:00-03:00 PM	11/28/16-11/28/16	SCI 222
----F--	12:00-05:00 PM	12/02/16-12/02/16	SCI 222
M-----	10:00-12:00 PM	12/05/16-12/05/16	SCI 222
----F--	12:00-12:30 PM	12/09/16-12/09/16	SCI 222
--W----	08:00-10:00 AM	12/14/16-12/14/16	SCI 222
--W----	01:00-01:30 PM	12/14/16-12/14/16	SCI 222

Kansas Senate Bill SB 155

NURS 125 - Health Assessment in Nursing

Health Assessment in Nursing is a three credit course designed to provide students with a basic understanding and working knowledge of health assessment in the adult. The course is divided into modules that correlate with the bodily systems, including content preparation for subsequent courses including pediatric and older adult. Learning environments will include both classroom and simulated lab setting.

Credit Hours: 3

Requirements: Admission to Nursing Program Corequisite: NURS 100

Outline (http://catalog.jccc.edu/coursedescriptions/nurs/#NURS_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81063 376 HYB	M-----	08:00-11:00 AM	08/29/16-08/29/16	SCI 222	Foster M Deines W Plank K Gibbar S Shank L Kendrick L Ilten T Duggan C Carver K Wilson D LaMartina K Barlett M Ronnebaum E Ritter M Welch K McNally J Gill R Quinn R Vezendan C Lafferty L	64 of 64
	-T-----	09:30-11:30 AM	08/30/16-08/30/16	CLB 111		
	-T-----	02:00-04:00 PM	08/30/16-08/30/16	CLB 111		
	--W----	09:30-11:30 AM	08/31/16-08/31/16	CLB 111		
	---R---	09:30-11:30 AM	09/01/16-09/01/16	CLB 111		
	-T-----	08:30-11:30 AM	09/06/16-09/06/16	CLB 111		
	-T-----	02:00-05:00 PM	09/06/16-09/06/16	CLB 111		
	--W----	08:30-11:30 AM	09/07/16-09/07/16	CLB 113		
	---R---	08:30-11:30 AM	09/08/16-09/08/16	CLB 113		
	-T-----	08:30-11:30 AM	09/13/16-09/13/16	CLB 111		
	-T-----	02:00-05:00 PM	09/13/16-09/13/16	CLB 111		
	--W----	08:30-03:00 PM	09/14/16-09/14/16	CLB 111		
	-T-----	08:00-12:00 PM	09/20/16-09/20/16	CLB 111		
	--W----	08:00-12:00 PM	09/21/16-09/21/16	CLB 113		
	---R---	08:00-12:00 PM	09/22/16-09/22/16	CLB 113		
	M-----	08:00-10:59 AM	10/03/16-10/03/16	CLB 113		
	M-----	12:00-03:00 PM	10/03/16-10/03/16	CLB 113		

-T-----	08:00-11:00 AM	10/04/16-10/04/16	CLB 113
--W----	08:00-11:00 AM	10/05/16-10/05/16	CLB 113
----F--	08:00-04:00 PM	10/07/16-10/07/16	CLB 111
----F--	08:00-04:00 PM	10/07/16-10/07/16	CLB 113
M-----	08:00-09:00 AM	10/17/16-10/17/16	SCI 222
M-----	11:00-11:30 AM	10/24/16-10/24/16	SCI 222
-T-----	08:00-10:00 AM	12/13/16-12/13/16	SCI 222

Kansas Senate Bill SB 155

NURS 200 - Concepts of Nursing Care: Adult Health Alterations

Students will engage in a variety of learning activities to build nursing knowledge and skills necessary to care for adult and mental health patients who present with varying physiological and psychosocial health alterations. This course will focus on the adult lifespan with an emphasis on the older adult population. Course concepts will increase in complexity, as they apply to adults, to meet the program outcomes: clinical judgment, facilitator of learning, advocacy, caring practices, collaboration, systems thinking, response to diversity and clinical inquiry. Students will apply theoretical content and therapeutic interventions in the clinical component of the course, which will focus on the increasingly vulnerable patient with more complex disease processes. Course instruction will occur using a blended approach that focuses on active engagement of the student in the classroom, online, and in the Health Resource Center, the Simulation Center and a variety of healthcare agencies.

Credit Hours: 10

Requirements: Admission to the Nursing Program and Prerequisites: NURS 150 and PSYC 218

Outline (http://catalog.jccc.edu/coursedescriptions/nurs/#NURS_200)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81064 001 F2F	M-----	08:00-02:00 PM	08/22/16-08/22/16	RC 101C	Foster M Gibbar S Aks N Ilten T Sears A Carver K LaMartina K Ronnebaum E Lanier N Ritter M McNally J Zeller K Quinn R Parker C Vezendan C Schull H Lafferty L	72 of 72
	M-----	08:00-02:00 PM	08/22/16-08/22/16	RC 101D		
	-T-----	08:00-03:00 PM	08/23/16-08/23/16	CC 211		
	--W----	08:00-03:00 PM	08/24/16-08/24/16	CC 211		
	---R---	08:00-05:00 PM	08/25/16-08/25/16	CC 211		
	---R---	08:00-05:00 PM	08/25/16-08/25/16	CLB 111		
	---R---	08:00-05:00 PM	08/25/16-08/25/16	CLB 113		
	----F--	08:00-12:00 PM	08/26/16-08/26/16	CC 211		
	M-----	08:00-10:00 AM	08/29/16-08/29/16	CC 211		
	---R---	08:00-03:00 PM	09/01/16-09/01/16	CC 211		
	----F--	08:00-03:30 PM	09/02/16-09/02/16	CC 211		
	----F--	08:00-03:30 PM	09/02/16-09/02/16	CLB 111		
	----F--	08:00-03:30 PM	09/02/16-09/02/16	CLB 113		
	M-----	08:00-03:00 PM	09/12/16-09/12/16	TBA TBA		
	M-----	08:00-01:00 PM	09/19/16-09/19/16	CC 211		
	M-----	08:00-12:00 PM	09/26/16-09/26/16	CC 211		
	M-----	08:00-10:00 AM	10/03/16-10/03/16	CC 211		

M-----	08:00-04:00 PM	10/10/16-10/10/16	CC 211
M-----	02:00-02:50 PM	10/10/16-10/10/16	CLB 111
M-----	02:00-02:50 PM	10/10/16-10/10/16	CLB 113
M-----	08:00-12:00 PM	10/17/16-10/17/16	CC 211
M-----	08:00-12:00 PM	10/24/16-10/24/16	CC 211
M-----	08:00-12:00 PM	10/31/16-10/31/16	CC 211
M-----	12:45-04:00 PM	10/31/16-10/31/16	CC 211
M-----	12:45-04:00 PM	10/31/16-10/31/16	CLB 111
M-----	12:45-04:00 PM	10/31/16-10/31/16	CLB 113
M-----	08:00-10:00 AM	11/07/16-11/07/16	CC 211
M-----	08:00-11:59 AM	11/14/16-11/14/16	CC 211
M-----	12:00-04:00 PM	11/14/16-11/14/16	CLB 111
M-----	12:00-04:00 PM	11/14/16-11/14/16	CLB 113
M-----	12:00-04:00 PM	11/21/16-11/21/16	CC 211
-T-----	08:00-12:00 PM	11/22/16-11/22/16	CC 211
M-----	08:00-12:00 PM	11/28/16-11/28/16	CC 211
M-----	08:00-03:00 PM	12/05/16-12/05/16	CC 211
---R---	08:00-10:00 AM	12/08/16-12/08/16	CC 211
---R---	02:00-02:30 PM	12/08/16-12/08/16	CC 211
M-----	08:00-10:00 AM	12/12/16-12/12/16	CC 211
M-----	01:00-01:30 PM	12/12/16-12/12/16	CC 211

Kansas Senate Bill SB 155

NURS 234 - Registered Nurse Refresher

The course will prepare the Registered Nurse (RN) to re-enter the acute healthcare setting for employment after an absence from the patient care arena. The course has a general med-surg focus, and will review adult anatomy and physiology, pathophysiology, pharmacology, lab values and key issues related to patient care. The course includes classroom, lab, simulation, clinical and preceptorship experiences.

Credit Hours: 9

Prerequisite: Current or previously licensed as a registered nurse. Current CPR certification for healthcare providers, health and dental records up-to-date, including current immunizations; personal health insurance.

Outline (http://catalog.jccc.edu/coursedescriptions/nurs/#NURS_234)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81065 001 F2F	--W----	08:00-02:00 PM	09/07/16-09/07/16	CLB 111	Foster M Kendrick L Isaacson J Carver K Wilson D LaMartina K Barlett M Ronnebaum E Ritter M McNally J Quinn R Kasson B Vezendan C Lafferty L	16 of 16
	---R---	08:00-04:00 PM	09/08/16-09/08/16	CLB 111		
	--W----	08:00-02:00 PM	09/14/16-09/14/16	CLB 111		
	---R---	08:00-04:00 PM	09/15/16-09/15/16	CLB 111		
	--W----	08:00-02:00 PM	09/21/16-09/21/16	CLB 111		
	---R---	08:00-04:00 PM	09/22/16-09/22/16	CLB 111		
	--W----	08:00-02:00 PM	09/28/16-09/28/16	CLB 111		

---R---	08:00-04:00 PM	09/29/16-09/29/16	CLB 111
--W----	08:00-02:00 PM	10/05/16-10/05/16	CLB 111
---R---	08:00-04:00 PM	10/06/16-10/06/16	CLB 111
--W----	08:00-02:00 PM	10/12/16-10/12/16	CLB 111
---R---	08:00-04:00 PM	10/13/16-10/13/16	CLB 111
--W----	08:00-02:00 PM	10/19/16-10/19/16	CLB 111
---R---	08:00-04:00 PM	10/20/16-10/20/16	CLB 111
--W----	08:00-02:00 PM	10/26/16-10/26/16	CLB 111
---R---	08:00-04:00 PM	10/27/16-10/27/16	CLB 111
--W----	08:00-02:00 PM	11/02/16-11/02/16	CLB 111
---R---	08:00-04:00 PM	11/03/16-11/03/16	CLB 111
M-----	06:30-07:30 PM	11/07/16-12/05/16	TBA TBA

Requirement: Department approval

Philosophy

PHIL 121 - Introduction to Philosophy

Students will examine the basic questions of philosophical inquiry, such as the nature of being, and the ways humans acquire knowledge and moral, social, religious and political values. Emphasis is on the application of the study of traditional problems of philosophy to the study of contemporary society. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_121) Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
81624 001 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	GEB 317	Faculty	35 of 35
<i>KBOR Seamless Transfer</i>						
81625 002 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	GEB 317	Gale D	35 of 35
<i>KBOR Seamless Transfer</i>						
81626 003 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	GEB 317	Gale D	35 of 35
<i>KBOR Seamless Transfer</i>						
81627 004 F2F	M-W-F--	02:00-02:50 PM	08/22/16-12/18/16	GEB 317	Arjo D	35 of 35
<i>KBOR Seamless Transfer</i>						
81628 005 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	GEB 342	Conrad O	35 of 35
<i>KBOR Seamless Transfer</i>						
81629 006 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	GEB 317	Faculty	35 of 35
<i>KBOR Seamless Transfer</i>						
81631 007 F2F	-T-----	06:00-08:50 PM	08/23/16-12/18/16	GEB 317	Quillen L	35 of 35
<i>KBOR Seamless Transfer</i>						
82344 009 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	GEB 238	Gale D	26 of 26
This section's title is Introduction to Philosophy Honors .						
<i>KBOR Seamless Transfer</i>						
<i>Honors Course</i>						
81632 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Jones A	25 of 25
<i>KBOR Seamless Transfer</i>						
81633 352 ONLNE	-----	-	08/22/16-12/18/16	Online	Jones A	25 of 25
<i>KBOR Seamless Transfer</i>						

PHIL 124 - Logic and Critical Thinking

This course examines the basic elements of formal and informal reasoning. Topics include the elements of argumentative discourse, informal fallacies, inductive and deductive arguments, and propositional logic. The class also focuses on the analysis and evaluation of argumentative discourse in a variety of everyday and academic contexts. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81634 001 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	GEB 317	Conrad O	35 of 35
<i>KBOR Seamless Transfer</i>						
81635 002 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	GEB 317	Conrad O	35 of 35
<i>KBOR Seamless Transfer</i>						
81636 003 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	CC 338	Coleman K	35 of 35
<i>KBOR Seamless Transfer</i>						
81637 004 F2F	-T-----	06:00-08:50 PM	08/23/16-12/18/16	CC 338	Coleman K	35 of 35
<i>KBOR Seamless Transfer</i>						

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/coursedescriptions/phil/#PHIL_138)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81638 001 F2F	--W----	06:00-08:50 PM	08/24/16-09/28/16	CC 344	Gustafson C	35 of 35
81639 351 ONLNE	-----	-	08/22/16-10/02/16	Online	Arp R	25 of 25
81640 352 ONLNE	-----	-	08/22/16-10/02/16	Online	Arp R	25 of 25

PHIL 142 - History of Asian Philosophy

This course provides a thorough exploration of the philosophical traditions of Asia with a focus on the classical philosophies of India and China. Covered are the origins of Indian philosophy in the Vedas and Upanishads, the development of various Vedic schools of thought. The origins of Buddhism and Jainism are also explored. The development and influence of Confucianism, Daoism and Chinese Buddhism are covered as well, as is the lasting influence of Asian philosophy outside of both India and China including its increasing relevance in the West. In the process, the class provides a comprehensive understanding of the distinctive philosophical foundations of the Asian world view. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_142)


CRN	Days	Time	Date	Location	Instructor	Seats Open
81641 001 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	GP 102	Arjo D	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/coursedescriptions/phil/#PHIL_143) Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
81642 001 F2F <i>KBOR Seamless Transfer</i>	-T-R---	08:00-09:15 AM	08/23/16-12/18/16	GEB 317	Faculty	35 of 35
81643 002 F2F <i>KBOR Seamless Transfer</i>	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	GEB 317	Faculty	35 of 35
81644 003 F2F <i>KBOR Seamless Transfer</i>	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	GEB 317	Gale D	35 of 35
81645 004 F2F <i>KBOR Seamless Transfer</i>	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	CC 338	Arjo D	35 of 35
81646 005 F2F <i>KBOR Seamless Transfer</i>	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	CC 338	Gustafson C	35 of 35
81647 006 F2F <i>KBOR Seamless Transfer</i>	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16		Gustafson C	35 of 35
81648 007 F2F <i>KBOR Seamless Transfer</i>	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	GEB 317	Ramos-Reyes M	35 of 35
82286 201 F2F <i>KBOR Seamless Transfer</i>	M-----	06:00-09:00 PM	09/12/16-12/18/16	 DSH	Musil B	27 of 27
82287 202 F2F <i>KBOR Seamless Transfer</i>	--W----	06:00-09:00 PM	09/07/16-12/18/16	CC 338	Musil B	35 of 35
81649 351 ONLINE <i>KBOR Seamless Transfer</i>	-----	-	08/22/16-12/18/16	Online	Jones A	25 of 25
81650 352 ONLINE <i>KBOR Seamless Transfer</i>	-----	-	08/22/16-12/18/16	Online	Arp R	25 of 25

PHIL 154 - History of Ancient Philosophy

This course provides a thorough exploration of ancient Greek and Roman philosophical thought from the original efforts of the Pre-Socratics to understand the fundamental operations of the natural world to concerns about the way a person might live successfully in nature and society. Also explored are the notable Athenians of the classical period, Protagoras, Socrates, Plato and Aristotle, and the later schools of thought such as cynicism, skepticism, hedonism and stoicism. In the process, it provides a comprehensive understanding of the philosophical foundations of the Western world view. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_154)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81651 001 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	GP 102	Arjo D	25 of 25

PHIL 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: PHIL 155 and BIOL 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/coursedescriptions/phil/#PHIL_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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/coursedescriptions/phil/#PHIL_176)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81653 001 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/18/16	CC 338	Conrad O	35 of 35

Photography

PHOT 121 - Fundamentals of Photography

This course provides an introduction to the tools, procedures, concepts and application of photographic imaging. Students will use cameras, light meters and darkroom equipment for film developing and printing to make images to meet the requirements of a series of assignments designed to develop specific skills, competencies and points of view and to stimulate the students' creative capacities for personal expression, communication and self-understanding. Students must provide their own camera with adjustable focus, shutter speeds and aperture. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$150 to 175

Outline (http://catalog.jccc.edu/coursedescriptions/phot/#PHOT_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81781 001 F2F	M-W----	08:00-10:50 AM	08/22/16-12/18/16	ATB 147	Wessel M	18 of 18
81782 002 F2F	M-W----	12:00-02:50 PM	08/22/16-12/18/16	ATB 147	Wessel M	18 of 18
81783 003 F2F	-T-R---	08:00-10:50 AM	08/23/16-12/18/16	ATB 147	Long A	18 of 18
81784 004 F2F	-T-R---	12:00-02:50 PM	08/23/16-12/18/16	ATB 147	Long A	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/coursedescriptions/phot/#PHOT_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81785 001 F2F	M-W----	06:30-09:20 PM	08/22/16-12/18/16	ATB 145D	Nichols J	20 of 20

PHOT 128 - Digital Photography

This course is an introduction to the concepts, tools and technology of digital imaging for photographers. Students will develop competence in the use of digital photographic equipment, software, storage devices and printers to produce digital photographic images satisfying the requirements of a series of assignments designed to develop specific skills and competencies. Students will "capture " import adjust correct transmit store and output images. They will use digital imaging

technology to produce photographs for visual communication and artistic expression. Ethics and cultural implications of the technology will be discussed. 6 hrs. integrated lecture/lab per/wk.

Credit Hours: 3

Associated Costs: \$75 to 150

Outline (http://catalog.jccc.edu/coursedescriptions/phot/#PHOT_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81786 001 F2F	-T-R---	12:00-02:50 PM	08/23/16-12/18/16	ATB 135	Heying P	20 of 20
81787 002 F2F	M-W----	12:00-02:50 PM	08/22/16-12/18/16	ATB 135	Sands C	20 of 20
81788 201 F2F	-T-R---	03:00-06:15 PM	09/06/16-12/18/16	ATB 139	Heying P	20 of 20
81789 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Nichols M	25 of 25

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/coursedescriptions/phot/#PHOT_129)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81790 001 F2F	----F--	12:00-05:50 PM	08/26/16-12/18/16	ATB 135	Sands C	20 of 20

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/coursedescriptions/phys/#PHYS_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81509 001 F2F	MTWR---	08:00-08:50 AM	08/22/16-12/18/16	SCI 117	Malek G	24 of 24
	Lab M-----	11:00-01:50 PM	08/22/16-12/18/16	SCI 117		

KBOR Seamless Transfer

Note: This course does not normally fulfill the requirements of engineering programs.

81510 002 F2F	MTWR---	09:00-09:50 AM	08/22/16-12/18/16	SCI 117	Malek G	24 of 24
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Lab -T----- 11:00-01:50 PM 08/23/16-12/18/16 SCI 117

KBOR Seamless Transfer

Note: This course does not normally fulfill the requirements of engineering programs.

81511 003 F2F MTWR--- 10:00-10:50 AM 08/22/16-12/18/16 SCI 117 Malek G 24 of 24

Lab M----- 02:00-04:50 PM 08/22/16-12/18/16 SCI 117

KBOR Seamless Transfer

Note: This course does not normally fulfill the requirements of engineering programs.

81512 004 F2F M-W---- 11:00-12:50 PM 08/22/16-12/18/16 GEB 217 Weaver L 24 of 24

Lab ----F-- 11:00-01:50 PM 08/26/16-12/18/16 SCI 121

KBOR Seamless Transfer

Note: This course does not normally fulfill the requirements of engineering programs.

81513 005 F2F M-W---- 02:00-03:50 PM 08/22/16-12/18/16 GEB 217 Weaver L 24 of 24

Lab ----F-- 02:00-04:50 PM 08/26/16-12/18/16 SCI 121

KBOR Seamless Transfer

Note: This course does not normally fulfill the requirements of engineering programs.

81514 050 F2F M----- 06:00-08:50 PM 08/22/16-12/18/16 GEB 217 Weaver L 24 of 24

--W---- 06:00-06:50 PM 08/24/16-12/18/16 GEB 217

Lab --W---- 07:00-09:50 PM 08/24/16-12/18/16 SCI 121

KBOR Seamless Transfer

Note: This course does not normally fulfill the requirements of engineering programs.



PHYS 131 - College Physics II

In this introductory course for pre-professional and general education, students will learn the fundamentals of selected areas of classical physics. Using the tools of algebra and trigonometry, the course develops the topics of electricity and magnetism, waves, light and optics and some elements of modern physics, such as relativity and quantum physics. The two-semester PHYS 130/131 sequence is designed to meet the requirements of area pre-professional programs. This is a transfer course that meets the college's requirements for associate's degree programs and also meets transfer requirements of area colleges and universities. This course does not normally fulfill the requirements of engineering programs. The course includes an integrated laboratory component the completion of which is a necessary part of the total instructional package. 4 hrs. lecture, 3 hrs. lab/wk.

Note: This course does not normally fulfill the requirements of engineering programs.

Credit Hours: 5

Prerequisite: PHYS 130

Outline (http://catalog.jccc.edu/coursedescriptions/phys#PHYS_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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81515 001 F2F	MTWR---	11:00-11:50 AM	08/22/16-12/18/16	SCI 120	Martinez D	24 of 24
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Lab -T-----	02:00-04:50 PM	08/23/16-12/18/16	SCI 117
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KBOR Seamless Transfer

Note: This course does not normally fulfill the requirements of engineering programs.

PHYS 214 - Introduction to Teaching Math and Science I

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

Credit Hours: 1

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

Outline (http://catalog.jccc.edu/coursedescriptions/phys#PHYS_214)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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82702 100 F2F	M-----	03:00-04:15 PM	08/22/16-12/18/16	CLB 213	Rothrock K	24 of 24
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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/coursedescriptions/phys/#PHYS_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82703 100 F2F	--W----	03:00-04:15 PM	08/24/16-12/18/16	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.

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

Credit Hours: 5

Prerequisite or Corequisite: MATH 242

Outline (http://catalog.jccc.edu/coursedescriptions/phys/#PHYS_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81516 001 F2F	MTWR---	09:00-09:50 AM	08/22/16-12/18/16	GEB 217	Martinez D	24 of 24
	Lab --W----	02:00-04:50 PM	08/24/16-12/18/16	SCI 121		
81517 002 F2F	MTWR---	10:00-10:50 AM	08/22/16-12/18/16	GEB 217	Martinez D	24 of 24
	Lab ---R---	02:00-04:50 PM	08/25/16-12/18/16	SCI 121		
81518 050 F2F	-T-----	06:00-06:50 PM	08/23/16-12/18/16	SCI 120	Richman M	24 of 24
	Lab -T-----	07:00-09:50 PM	08/23/16-12/18/16	SCI 121		
	---R---	06:00-08:50 PM	08/25/16-12/18/16	SCI 120		

PHYS 221 - Engineering Physics II

This is an introduction to physics for engineering and science students. Included are mathematical approaches to the study of electricity, magnetism, sound, optics and modern physics. 4 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 5

Prerequisites: PHYS 220 and MATH 242

Outline (http://catalog.jccc.edu/coursedescriptions/phys/#PHYS_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81519 050 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	SCI 120	Thuma R	24 of 24
	--W----	06:00-06:50 PM	08/24/16-12/18/16	SCI 120		
	Lab --W----	07:00-09:50 PM	08/24/16-12/18/16	SCI 117		

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/coursedescriptions/pols/#POLS_122) Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
81589 001 F2F <i>KBOR Seamless Transfer</i>	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	GEB 213	Bedell T	32 of 32
81590 002 F2F <i>KBOR Seamless Transfer</i>	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	GEB 213	Wright B	32 of 32
81592 201 F2F <i>KBOR Seamless Transfer</i>	-T-----	06:00-09:00 PM	09/06/16-12/18/16	GEB 213	Elmore C	32 of 32
81593 351 ONLNE <i>KBOR Seamless Transfer</i>	-----	-	08/22/16-12/18/16	Online	Harmon L	25 of 25
81594 352 ONLNE <i>KBOR Seamless Transfer</i>	-----	-	08/22/16-12/18/16	Online	Wright B	25 of 25
81591 353 ONLNE <i>KBOR Seamless Transfer</i>	-----	-	08/22/16-12/18/16	Online	Faculty	25 of 25
82691 354 ONLNE <i>KBOR Seamless Transfer</i>	-----	-	08/22/16-12/18/16	Online	Faculty	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.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/pols/#POLS_124) Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
81596 002 F2F <i>KBOR Seamless Transfer</i>	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	GEB 342	Faculty	32 of 32
81597 003 F2F <i>KBOR Seamless Transfer</i>	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	GEB 213	Faulwell B	32 of 32
81598 004 F2F <i>KBOR Seamless Transfer</i>	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	GEB 279	Wright B	32 of 32
81599 005 F2F <i>KBOR Seamless Transfer</i>	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	GEB 279	Burns J	32 of 32
81600 006 F2F <i>KBOR Seamless Transfer</i>	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	GEB 279	Cusser J	32 of 32
81601 201 F2F <i>KBOR Seamless Transfer</i>	--W----	06:00-09:00 PM	09/07/16-12/18/16	GEB 213	Faulwell B	32 of 32
81602 351 ONLNE <i>KBOR Seamless Transfer</i>	-----	-	08/22/16-12/18/16	Online	Burns J	25 of 25
81595 352 ONLNE <i>KBOR Seamless Transfer</i>	-----	-	08/22/16-12/18/16	Online	Elmore C	25 of 25

POLS 126 - State and Local Government

This course examines the executive, legislative, judicial and service functions of state and local government in the United States in general and in Kansas in particular. The course includes guest lectures by elected officials, government personnel and community activists. 3 hrs. lecture/wk. This course is typically offered only once each academic year.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/pols/#POLS_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81603 001 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	GEB 213	Owens T	32 of 32

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/coursedescriptions/pols/#POLS_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81604 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Burns J	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/coursedescriptions/pols/#POLS_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81605 001 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	GEB 213	Wright B	32 of 32
<i>KBOR Seamless Transfer</i>						
81606 002 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	GEB 213	Wright B	32 of 32
<i>KBOR Seamless Transfer</i>						
81607 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Belzer G	25 of 25
<i>KBOR Seamless Transfer</i>						

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/coursedescriptions/pols/#POLS_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81608 351 ONLINE	-----	-	08/22/16-12/18/16	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/coursedescriptions/psci/#PSCI_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81520 001 F2F	M-----	09:00-11:50 AM	08/22/16-12/18/16	SCI 125	Finnicum S	24 of 24
	--W----	09:00-11:50 AM	08/24/16-12/18/16	SCI 125		
<i>KBOR Seamless Transfer</i>						
81521 002 F2F	M-----	01:00-03:50 PM	08/22/16-12/18/16	SCI 125	Hess J	24 of 24
	--W----	01:00-03:50 PM	08/24/16-12/18/16	SCI 125		
<i>KBOR Seamless Transfer</i>						
81522 003 F2F	-T-----	09:00-11:50 AM	08/23/16-12/18/16	SCI 125	Finnicum S	24 of 24
	---R---	09:00-11:50 AM	08/25/16-12/18/16	SCI 125		
<i>KBOR Seamless Transfer</i>						
81523 004 F2F	-T-----	02:00-04:50 PM	08/23/16-12/18/16	SCI 125	Finnicum S	24 of 24
	---R---	02:00-04:50 PM	08/25/16-12/18/16	SCI 125		
<i>KBOR Seamless Transfer</i>						
81524 050 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	SCI 125	Hess J	24 of 24
	--W----	06:00-08:50 PM	08/24/16-12/18/16	SCI 125		
<i>KBOR Seamless Transfer</i>						

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/coursedescriptions/psci/#PSCI_214)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82704 100 F2F	M-----	03:00-04:15 PM	08/22/16-12/18/16	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/coursedescriptions/psci/#PSCI_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82705 100 F2F	--W----	03:00-04:15 PM	08/24/16-12/18/16	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/coursedescriptions/psyc/#PSYC_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81845 001 F2F	M-----	03:00-05:50 PM	08/22/16-12/18/16	GEB 377	Filley D	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.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_130) [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81846 001 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	GEB 377	Ward A	35 of 35
<i>Accelerating Opportunity KS KBOR Seamless Transfer</i>						
81847 002 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	CLB 312	Rader M	35 of 35
<i>Accelerating Opportunity KS KBOR Seamless Transfer</i>						
81848 003 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	GEB 377	Sympson S	35 of 35
<i>KBOR Seamless Transfer Accelerating Opportunity KS</i>						
81849 004 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	CLB 312	Rader M	35 of 35
<i>KBOR Seamless Transfer Accelerating Opportunity KS</i>						
81850 005 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	SCI 212	Magenheimer L	35 of 35
<i>Accelerating Opportunity KS KBOR Seamless Transfer</i>						
81851 006 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	GEB 342	Sympson S	35 of 35
<i>Accelerating Opportunity KS KBOR Seamless Transfer</i>						
81852 007 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	CLB 312	Ward A	35 of 35
<i>Accelerating Opportunity KS KBOR Seamless Transfer</i>						
81853 008 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	SCI 212	Pettitt J	35 of 35
<i>Accelerating Opportunity KS KBOR Seamless Transfer</i>						
81854 009 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	CLB 312	Rader M	35 of 35
<i>Accelerating Opportunity KS KBOR Seamless Transfer</i>						
81856 011 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	SCI 212	Sympson S	35 of 35
<i>Accelerating Opportunity KS KBOR Seamless Transfer</i>						
81857 012 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	CLB 312	Kelly D	35 of 35

KBOR Seamless Transfer
Accelerating Opportunity KS

81858 013 F2F M-W-F-- 01:00-01:50 PM 08/22/16-12/18/16 CLB 312 Kelly D 35 of 35

KBOR Seamless Transfer
Accelerating Opportunity KS

81859 014 F2F M-W-F-- 01:00-01:50 PM 08/22/16-12/18/16 SCI 212 Pettitt J 35 of 35

Accelerating Opportunity KS
KBOR Seamless Transfer

81860 015 F2F M-W-F-- 02:00-02:50 PM 08/22/16-12/18/16 CLB 312 Kappen D 35 of 35

Accelerating Opportunity KS
KBOR Seamless Transfer

81861 016 F2F -T-R--- 08:00-09:15 AM 08/23/16-12/18/16 GEB 377 Martin K 35 of 35

KBOR Seamless Transfer
Accelerating Opportunity KS

81862 017 F2F -T-R--- 08:00-09:15 AM 08/23/16-12/18/16 CC 126A Darrow R 35 of 35

KBOR Seamless Transfer
Accelerating Opportunity KS

81863 018 F2F -T-R--- 09:30-10:45 AM 08/23/16-12/18/16 CLB 312 Redburn B 35 of 35

KBOR Seamless Transfer
Accelerating Opportunity KS

81864 019 F2F -T-R--- 09:30-10:45 AM 08/23/16-12/18/16 SCI 212 Martin K 35 of 35

Accelerating Opportunity KS
KBOR Seamless Transfer

81865 020 F2F -T-R--- 11:00-12:15 PM 08/23/16-12/18/16 CLB 312 Redburn B 35 of 35

KBOR Seamless Transfer
Accelerating Opportunity KS

81866 021 F2F -T-R--- 11:00-12:15 PM 08/23/16-12/18/16 SCI 212 Pettitt J 35 of 35

KBOR Seamless Transfer
Accelerating Opportunity KS

81867 022 F2F -T-R--- 11:00-12:15 PM 08/23/16-12/18/16 GEB 238 Ladd B 26 of 26

This section's title is **Introduction to Psychology Honors**.

Honors Course

KBOR Seamless Transfer
Accelerating Opportunity KS

Note: This is an honors section. Enrollment is by permission, requiring a minimum GPA of 3.5. Course objectives and competencies remain the same as for other PSYC 130 classes, although the instructor may have selected different textbooks. For additional information and permission to enroll, please contact the honors office at either honors@jccc.edu or 913-469-8500 ext. 2434.

81868 023 F2F -T-R--- 12:30-01:45 PM 08/23/16-12/18/16 SCI 212 Ladd B 70 of 70

KBOR Seamless Transfer
Accelerating Opportunity KS

81869 024 F2F -T-R--- 12:30-01:45 PM 08/23/16-12/18/16 SCI 212 Ward P 70 of 70

KBOR Seamless Transfer
Accelerating Opportunity KS

81870 025 F2F -T-R--- 12:30-01:45 PM 08/23/16-12/18/16 CLB 312 Lawrenz C 35 of 35

Accelerating Opportunity KS
KBOR Seamless Transfer

81871 026 F2F -T-R--- 02:00-03:15 PM 08/23/16-12/18/16 SCI 212 Ward P 70 of 70

KBOR Seamless Transfer
Accelerating Opportunity KS

81872 027 F2F -T-R--- 02:00-03:15 PM 08/23/16-12/18/16 CLB 312 Lawrenz C 35 of 35

KBOR Seamless Transfer
Accelerating Opportunity KS

81873 028 F2F -T-R--- 02:00-03:15 PM 08/23/16-12/18/16 SCI 212 Ladd B 70 of 70

KBOR Seamless Transfer
Accelerating Opportunity KS

81874 029 F2F -T-R--- 03:30-04:45 PM 08/23/16-12/18/16 GEB 377 Rilev N 35 of 35

KBOR Seamless Transfer
Accelerating Opportunity KS

81875 030 F2F M----- 06:00-08:50 PM 08/22/16-12/18/16 CLB 312 Kelly D 35 of 35

KBOR Seamless Transfer
Accelerating Opportunity KS

81876 031 F2F M----- 06:00-08:50 PM 08/22/16-12/18/16 GEB 377 Riley N 35 of 35

Accelerating Opportunity KS
KBOR Seamless Transfer

81877 032 F2F --W---- 06:00-08:50 PM 08/24/16-12/18/16 GEB 377 Riley N 35 of 35

Accelerating Opportunity KS
KBOR Seamless Transfer

81878 033 F2F ---R--- 06:00-08:50 PM 08/25/16-12/18/16 GEB 377 Darrow R 35 of 35

Accelerating Opportunity KS
KBOR Seamless Transfer

81879 034 F2F M-W---- 07:00-09:50 PM 08/22/16-10/12/16 OCB 144 Filley D 24 of 24


KBOR Seamless Transfer
Accelerating Opportunity KS
Two x 2 x 2

81880 201 F2F --W---- 06:00-09:00 PM 09/07/16-12/18/16 CLB 312 DeJarnette D 35 of 35


KBOR Seamless Transfer
Accelerating Opportunity KS

81881 202 F2F -T----- 06:00-09:00 PM 09/06/16-12/18/16 GEB 377 Jones D 35 of 35

KBOR Seamless Transfer
Accelerating Opportunity KS

81882 203 F2F -T----- 06:00-09:00 PM 09/06/16-12/18/16  OHEC 107 Faculty 24 of 24

Accelerating Opportunity KS
KBOR Seamless Transfer

81883 204 F2F M----- 06:00-09:00 PM 09/12/16-12/18/16  SMN DeJarnette D 28 of 28

KBOR Seamless Transfer
Accelerating Opportunity KS

81884 351 ONLNE ----- - 08/22/16-12/18/16 Online Klinger T 25 of 25

Accelerating Opportunity KS
KBOR Seamless Transfer

81885 352 ONLNE ----- - 08/22/16-12/18/16 Online Klinger T 25 of 25

Accelerating Opportunity KS
KBOR Seamless Transfer

81886 353 ONLNE ----- - 08/22/16-12/18/16 Online Redburn B 25 of 25

KBOR Seamless Transfer
Accelerating Opportunity KS

81887 354 ONLNE ----- - 08/22/16-12/18/16 Online Redburn B 25 of 25

Accelerating Opportunity KS
KBOR Seamless Transfer

81888 355 ONLNE ----- - 08/22/16-12/18/16 Online Rader M 25 of 25

Accelerating Opportunity KS
KBOR Seamless Transfer

81889 356 ONLNE ----- - 08/22/16-12/18/16 Online Klinger T 25 of 25

KBOR Seamless Transfer
Accelerating Opportunity KS

81890 357 ONLNE ----- - 08/22/16-12/18/16 Online Rader M 25 of 25

Accelerating Opportunity KS
KBOR Seamless Transfer

81891 358 ONLNE ----- - 08/22/16-12/18/16 Online Faculty 25 of 25

KBOR Seamless Transfer
Accelerating Opportunity KS

Accelerating Opportunity KS
KBOR Seamless Transfer

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/coursedescriptions/psyc/#PSYC_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81893 001 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	OCB 142	Schwartz L	24 of 24
81894 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Schwartz L	25 of 25
81895 352 ONLINE	-----	-	08/22/16-12/18/16	Online	Redburn B	25 of 25

PSYC 210 - Research Methods in Psychology

This course deals with scientific research methods utilized in the social sciences, especially psychology, sociology, political science and anthropology. The course examines a wide range of data collection methodologies including observation, questionnaire construction, and controlled experimentation. The course will be beneficial for analyzing and evaluating the quality of research findings reported in both the popular and academic press. It will also be useful to those who plan to engage in occupations requiring the use of research methodology. This course may not be offered every semester. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: PSYC 130 and MATH 171

Outline (http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81896 001 F2F	--W----	04:00-06:50 PM	08/24/16-12/18/16	OCB 144	Kappen D	20 of 20



PSYC 215 - Child Development

This course is a comprehensive account of human development from conception through adolescence. The course integrates genetic, biological, physical and anthropological influences with psychological processes and explores determinants of behavior from a genetic and environmental perspective. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: PSYC 130

Outline (http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81897 001 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	GEB 377	Hinson J	35 of 35
<i>KBOR Seamless Transfer</i>						
81898 002 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	GEB 377	Hinson J	35 of 35
<i>KBOR Seamless Transfer</i>						
81899 003 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	SCI 212	Pettitt J	35 of 35
<i>KBOR Seamless Transfer</i>						
81900 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Hurst D	25 of 25
<i>KBOR Seamless Transfer</i>						
81901 352 ONLINE	-----	-	08/22/16-12/18/16	Online	Slessor R	25 of 25



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/coursedescriptions/psyc/#PSYC_218)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81902 001 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	GEB 377	Peterson P	35 of 35
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
81903 002 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	GEB 377	Peterson P	35 of 35
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
81904 003 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	GEB 377	Peterson P	35 of 35
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
81905 004 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	GEB 377	Pettitt J	35 of 35
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
81906 005 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	CC 126A	Faculty	35 of 35
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
81907 201 F2F	--W----	06:00-09:00 PM	09/07/16-12/18/16	SCI 212	Jones D	35 of 35
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
81908 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Klinger T	25 of 25
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
81909 352 ONLINE	-----	-	08/22/16-12/18/16	Online	Salvato M	25 of 25
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
81910 353 ONLINE	-----	-	08/22/16-12/18/16	Online	Salvato M	25 of 25
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
81911 354 ONLINE	-----	-	08/22/16-12/18/16	Online	Klinger T	25 of 25
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						

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/coursedescriptions/psyc/#PSYC_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81912 001 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	GEB 342	Ward A	35 of 35

PSYC 225 - Educational Psychology

This course addresses issues that apply theories of psychology to the educational environment. Topics included in the study of educational psychology include research methodology, theories of human development, principles of learning, the psychology of motivation, theories of intelligence, testing and assessment techniques, and career development. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: PSYC 130

Outline (http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81913 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Salvato M	25 of 25

Respiratory Care

Missouri residents see reverse cooperative information. For complete program information: www.jccc.edu/respiratorycare (<http://www.jccc.edu/respiratorycare/>)

RC 120 - Respiratory Structure and Function

This is a comprehensive study of the physiology and pathophysiology of the pulmonary, cardiovascular and renal systems as they relate to respiratory care. 2 hrs. lecture/wk.

Credit Hours: 2

Requirement: Admission to the Respiratory Care Program Prerequisites: BIOL 144 and CHEM 122 and ENGL 121 Prerequisite or corequisite: BIOL 230 (All courses must be completed with a "C" or higher.) Corequisites: RC 124 and RC 131

Outline (http://catalog.jccc.edu/coursedescriptions/rc/#RC_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82720 001 F2F	--W----	08:00-10:00 AM	08/24/16-12/14/16	OHEC 119	Murray J	18 of 18

Kansas Senate Bill SB 155

RC 124 - Fundamentals of Respiratory Care

This course covers therapeutic modalities and equipment used in respiratory care. Medical gas production and storage is also addressed. Emphasis is on patient assessment, clinical application of therapies, therapy evaluation and communication techniques. The course also examines the roles of respiratory care in the healthcare system and basic respiratory care services scope. The role the respiratory care practitioner assumes in an organization and the operation of a respiratory care department are also introduced. 4 hrs. lecture and 4 hrs. lab/wk.

Credit Hours: 6

Requirements: Admission to the Respiratory Care Program Prerequisites: BIOL 144 and CHEM 122 and ENGL 121 Prerequisites or corequisites: BIOL 230 (All courses must be completed with a grade of "C" or higher.) Corequisites: RC 120 and RC 131

Outline (http://catalog.jccc.edu/coursedescriptions/rc/#RC_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82721 001 F2F	M-----	08:00-12:00 PM	08/22/16-12/12/16	OHEC 119	Murray J Oestreich K Sanner C Portmann R	18 of 18

Kansas Senate Bill SB 155

RC 131 - Cardiopulmonary Diagnostics

This course is a detailed review of the procedures, equipment, interpretation and analysis used in the diagnosis of cardiopulmonary disease. Diagnostic procedures will include: non-invasive oxygen and carbon dioxide measurements, arterial blood gas analysis, pulmonary function testing, thoracic imaging studies, clinical laboratory data, the electrocardiogram, bronchoscopy, thoracentesis, cardiopulmonary exercise studies and sleep studies. 2 hrs. lecture and 1.25 hrs. lab/wk.

Credit Hours: 3

Requirement: Admission to the Respiratory Care Program Prerequisites: BIOL 144 and CHEM 122 and ENGL 121 Prerequisite or corequisite: BIOL 230 (All courses must be completed with a "C" or higher.) Corequisites: RC 120 and RC 124

Outline (http://catalog.jccc.edu/coursedescriptions/rc/#RC_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82722 001 F2F	--W----	10:00-01:00 PM	08/24/16-12/14/16	OHEC 119	Sanner C	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/coursedescriptions/rdg/#RDG_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81030 001 F2F	M-W----	08:00-09:15 AM	08/22/16-12/18/16	CC 321	Franklin S	22 of 22
<i>Co-requisite to enroll in</i>						
81032 002 F2F	M-W----	09:00-10:15 AM	09/07/16-12/18/16		Parra L	22 of 22
<i>Co-requisite to enroll in</i>						
81033 003 F2F	M-W----	10:00-11:15 AM	08/22/16-12/18/16	CC 321	Franklin S	22 of 22
<i>Co-requisite to enroll in</i>						
82038 004 F2F	M-W----	11:00-12:15 PM	08/22/16-12/18/16	SCI 122	Rottinghaus D	22 of 22
<i>Co-requisite to enroll in</i>						
82039 005 F2F	M-W----	12:00-01:15 PM	08/22/16-12/18/16	CC 321	Franklin S	22 of 22
<i>Co-requisite to enroll in</i>						
82040 006 F2F	M-W----	01:00-02:15 PM	08/22/16-12/18/16		Rottinghaus D	22 of 22
<i>Co-requisite to enroll in</i>						
82041 007 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/18/16	CC 321	Sawyer C	22 of 22
<i>Co-requisite to enroll in</i>						
82042 008 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CC 321	Sawyer C	22 of 22
<i>Co-requisite to enroll in</i>						
82043 009 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	CC 321	Parra L	22 of 22
<i>Co-requisite to enroll in</i>						
82044 010 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	CC 321	Creason L	22 of 22
<i>Co-requisite to enroll in</i>						
82045 011 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	CC 321	Creason L	22 of 22
<i>Co-requisite to enroll in</i>						
82046 012 F2F	-T-R---	03:30-04:55 PM	09/06/16-12/18/16	CC 321	Fielder R	22 of 22
<i>Co-requisite to enroll in</i>						

82047 013 F2F	-T-----	06:00-08:50 PM	08/23/16-12/18/16	CC 321	Graham L	22 of 22
<i>Co-requisite to enroll in</i>						
82048 014 F2F	--W----	06:00-09:15 PM	09/07/16-12/18/16	CC 321	McCall S	22 of 22
<i>Co-requisite to enroll in</i>						
82049 015 F2F	---R---	06:00-09:15 PM	09/08/16-12/18/16	 LPC	Steel S	22 of 22
<i>Co-requisite to enroll in</i>						
82050 016 F2F	----F--	10:00-12:50 PM	08/26/16-12/18/16	CC 321	Graham L	22 of 22
<i>Co-requisite to enroll in</i>						
82051 017 F2F	----F--	02:00-04:50 PM	08/26/16-12/18/16	CC 321	Fielder R	22 of 22
<i>Co-requisite to enroll in</i>						

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 \(http://catalog.jccc.edu/coursedescriptions/rdg/#RDG_127\)](http://catalog.jccc.edu/coursedescriptions/rdg/#RDG_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82052 376 HYB	-T-----	12:30-01:45 PM	08/23/16-12/18/16		Parra L	22 of 22
	-----	-	08/23/16-12/18/16	Online		

Note: The topic of sustainability is integrated throughout the course readings. To find out more about the course contact the course instructor.

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 \(http://catalog.jccc.edu/coursedescriptions/rel/#REL_120\)](http://catalog.jccc.edu/coursedescriptions/rel/#REL_120) [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81654 001 F2F	M-W-F--	02:00-02:50 PM	08/22/16-12/18/16	CC 338	Hoare T	35 of 35
<i>KBOR Seamless Transfer</i>						
81655 002 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	CC 338	Bevell Hull M	35 of 35
<i>KBOR Seamless Transfer</i>						
81656 003 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/18/16	CC 352	Hoare T	35 of 35
<i>KBOR Seamless Transfer</i>						
81657 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Robertson M	25 of 25
<i>KBOR Seamless Transfer</i>						
81658 352 ONLNE	-----	-	08/22/16-12/18/16	Online	Robertson M	25 of 25
<i>KBOR Seamless Transfer</i>						

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/coursedescriptions/rel/#REL_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81659 001 F2F	--W----	06:00-09:00 PM	09/07/16-12/18/16	GEB 317	Stockton W	35 of 35

REL 126 - Religions of the West

Religions of the West is a detailed examination of the rich and diverse religious traditions that originated in the ancient Near East (Judaism, Christianity, Islam), examples of indigenous traditions of Africa and North America, and examples of "alternative religions" of modern/contemporary Western culture. The student will explore the histories, cultural influences, beliefs and practices of these religions, stressing the characteristics that they share and those that differentiate them, both from one another and from the religious traditions of South and East Asian cultures. The primary texts, as well as the iconographic and artistic traditions of these religions, will be examined as appropriate. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/rel/#REL_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81660 001 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	CC 352	MacArthur S	35 of 35

REL 150 - Islam: Religion & Civilization

This course covers the context in which Islam arose; the career of the Prophet Muhammad; the main teachings and practices of the religion; the Qur'an and other early Islamic literature; subsequent political developments in the religion and its spread; its main religious branches; its history during the Middle Ages; the Christian crusades and their consequences; the major components of Islamic civilization including law, the arts, literature, philosophy, science, and mathematics; Sufi; the effects of Western imperialism upon Islamic states; major developments in Islamic thought and practice since the seventeenth century; the Islamic diaspora; and Islam today. REL 150 is the same course as HIST 150 and HUM 150; enroll in one only. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/rel/#REL_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81661 001 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	CC 338	Bevell Hull M	35 of 35

Railroad Operations

RRT 120 - History of Railroading

This course covers the history and traditions of railroading and the industry's role in North American economic development. Upon successful completion of this course, students will be able to list and explain the significance of major events in North American railroading. 3 hrs. lecture/wk. This course is only taught in the fall semester. This course is only taught in the fall semester.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/rrt/#RRT_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82164 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Zarrelli C	20 of 20

RRT 121 - Railroad Technical Careers

This course includes information about technical careers in railroading, enabling students to choose suitable career paths. This course includes field trips that will demonstrate the relationships among technical work groups in day-to-day railroad operations. Upon successful completion of this course, students should be able to describe basic technical job functions, requirements and characteristics. 3 hrs. lecture/wk. This course is only taught in the fall semester.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/rrt/#RRT_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82165 350 ONLINE	-----	-	08/22/16-12/18/16		Wapp D	20 of 20

Sustainable Agriculture

SAG 245 - Principles of Sustainable Market Farming

This course is designed to familiarize Market Farmers with sustainable methods of production of crops grown in the Market Farming industry. The course will prepare students in the basic principles of soils; pest and weed management; varieties of plants to grow; establishment, growth, harvesting and post-harvesting of crops; marketing methods; and business management. Students will become familiar with principles of sustainability and the importance of good record keeping. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/sag/#SAG_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82565 001 F2F	---R---	01:00-03:50 PM	08/25/16-12/18/16	PA 133	Shafer S	20 of 20

Kansas Senate Bill SB 155

SAG 272 - Sustainable Agriculture Fall Practicum

Through practical experience complemented by lectures and discussions, students will gain exposure to a broad range of tasks facing the market farmer during the fall and early winter seasons. This includes production and marketing of summer crops, planning, and production of fall crops in high tunnels and open field, and marketing these fall crops. Topics include production planning, planting, integrated crop management, harvest and postharvest practices, marketing through various channels, tools and equipment, soil fertility management, and record keeping. Practicum activities will integrate with other courses in this market farming certificate program. Students will learn both conventional and organic production techniques. Entrepreneurship will be emphasized throughout. 7 hrs. practicum/wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/sag/#SAG_272)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81525 001 F2F	-T-----	01:00-01:50 PM	08/23/16-12/18/16	HSC 124	Shafer S	20 of 20
	Lab -T-----	02:00-04:50 PM	08/23/16-12/18/16	HSC 124		

Kansas Senate Bill SB 155

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.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/soc/#SOC_122) Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
81685 001 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/18/16	GEB 240	Grinter B	35 of 35
<i>KBOR Seamless Transfer</i>						
81686 002 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	GEB 240	Grinter B	35 of 35

KBOR Seamless Transfer

81687	003 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	GEB 375	Divney J	35 of 35
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KBOR Seamless Transfer

81688	004 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	CC 338	Grinter B	35 of 35
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KBOR Seamless Transfer

81689	005 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	GEB 375	Divney J	35 of 35
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KBOR Seamless Transfer

81690	006 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	GEB 375	Foster M	35 of 35
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KBOR Seamless Transfer

81691	007 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	GEB 342	Spence J	35 of 35
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KBOR Seamless Transfer

81692	008 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	GEB 240	Divney J	35 of 35
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KBOR Seamless Transfer

81693	009 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	GEB 375	Zale S	35 of 35
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KBOR Seamless Transfer

81694	010 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	GEB 375	Zale S	35 of 35
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KBOR Seamless Transfer

81695	011 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	GEB 240	Killeen J	35 of 35
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KBOR Seamless Transfer

81696	012 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	GEB 240	Divney J	35 of 35
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KBOR Seamless Transfer

81697	013 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	CC 352	Killeen J	35 of 35
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KBOR Seamless Transfer

81698	014 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	GEB 240	Zirkle B	35 of 35
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KBOR Seamless Transfer

81699	015 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	GEB 375	Petrovic U	35 of 35
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KBOR Seamless Transfer

81700	016 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	GEB 240	Zirkle B	35 of 35
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KBOR Seamless Transfer

81701	017 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	GEB 375	Zale S	35 of 35
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KBOR Seamless Transfer

81702	018 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	GEB 240	Shafer S	35 of 35
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KBOR Seamless Transfer

81703	019 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	GEB 375	Burbidge S	35 of 35
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KBOR Seamless Transfer

81704	020 F2F	M-W-F--	02:00-02:50 PM	08/22/16-12/18/16	GEB 375	Foster M	35 of 35
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KBOR Seamless Transfer

81705	021 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	GEB 375	Whitman L	35 of 35
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KBOR Seamless Transfer

81707	022 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	GEB 375	Whitman L	35 of 35
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KBOR Seamless Transfer

81706	201 F2F	-T-----	06:00-09:00 PM	09/06/16-12/18/16	GEB 240	Faculty	35 of 35
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KBOR Seamless Transfer

81708	202 F2F	M-W----	01:00-03:50 PM	10/17/16-12/11/16	CC 352	Spence J	35 of 35
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KBOR Seamless Transfer

81709	350 ONLINE	-----	-	08/22/16-12/18/16	Online	Ketter T	25 of 25
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KBOR Seamless Transfer

81710	351 ONLINE	-----	-	08/22/16-12/18/16	Online	Ketter T	25 of 25
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81711 352 ONLINE	-----	-	08/22/16-12/18/16	Online	Ketter T	25 of 25
<i>KBOR Seamless Transfer</i>						
81712 353 ONLINE	-----	-	08/22/16-12/18/16	Online	Pant R	25 of 25
<i>KBOR Seamless Transfer</i>						
81713 354 ONLINE	-----	-	08/22/16-12/18/16	Online	Pant R	25 of 25
<i>KBOR Seamless Transfer</i>						
81714 426 SEL	-----	-	08/22/16-12/17/17	Self Paced	Grinter B	6 of 6
<i>KBOR Seamless Transfer</i>						
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/coursedescriptions/soc/#SOC_125) Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
81715 001 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	GEB 240	Zirkle B	35 of 35
<i>KBOR Seamless Transfer</i>						
81716 002 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	GEB 240	Zirkle B	35 of 35
<i>KBOR Seamless Transfer</i>						
81717 003 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	GEB 375	Foster M	35 of 35
<i>KBOR Seamless Transfer</i>						
81718 004 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	GEB 375	Zirkle B	35 of 35
<i>KBOR Seamless Transfer</i>						
81719 005 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	GEB 342	Foster M	35 of 35
<i>KBOR Seamless Transfer</i>						
81720 006 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	GEB 342	Foster M	35 of 35
<i>KBOR Seamless Transfer</i>						
81721 007 F2F	---R---	06:00-08:50 PM	08/25/16-12/18/16	GEB 240	Seiler C	35 of 35
<i>KBOR Seamless Transfer</i>						
81722 201 F2F	--W----	06:00-09:00 PM	09/07/16-12/18/16	GEB 240	Seiler C	35 of 35
<i>KBOR Seamless Transfer</i>						
81723 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Blobaum E	25 of 25
<i>KBOR Seamless Transfer</i>						
81724 352 ONLINE	-----	-	08/22/16-12/18/16	Online	Blobaum E	25 of 25
<i>KBOR Seamless Transfer</i>						
81725 353 ONLINE	-----	-	08/22/16-12/18/16	Online	Petrovic U	25 of 25
<i>KBOR Seamless Transfer</i>						

SOC 127 - Criminology

This class will identify the major criminology theories. Various explanations for criminal conduct will be explored and society's responses to crime will 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/coursedescriptions/soc/#SOC_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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81925 001 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	PA 145	Divney J	32 of 32
81927 002 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	PA 145	Galbrecht F	32 of 32
81929 003 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	PA 133	Ashman C	32 of 32
82651 004 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	PA 145	Ladd G	32 of 32
81931 201 F2F	-T-----	06:00-09:00 PM	09/06/16-12/18/16	PA 133	Daniels M	32 of 32
81933 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Groves M	25 of 25

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.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/soc/#SOC_131) Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
81726 001 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	GP 101	Spence J	25 of 25
81727 002 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	CC 338	Pant R	35 of 35
81728 003 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	OCB 246	Divney J	32 of 32
81729 201 F2F	-T-----	06:00-09:00 PM	09/06/16-12/18/16	GEB 375	Whitman L	35 of 35
81730 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Blobaum E	25 of 25
81731 352 ONLINE	-----	-	08/22/16-12/18/16	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/coursedescriptions/soc/#SOC_146)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81732 001 F2F	---R---	02:00-04:50 PM	08/25/16-12/18/16	GEB 279	Vause C	32 of 32

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/coursedescriptions/soc/#SOC_147)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81733 001 F2F	---R---	06:00-08:50 PM	08/25/16-12/18/16	GEB 279	Kircher J	32 of 32

SOC 165 - Contemporary Chinese Society

A survey of major issues and changes in Chinese society since 1949, this course focuses on social change while analyzing both continuity and change in social forces and historical processes. Social movements, political and economic change, social conflict and globalization are examined and analyzed through competing narratives. 3 hrs. lecture/wk. This course is typically offered in the spring semester.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/soc/#SOC_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81734 001 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	CC 352	Shafer S	35 of 35

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/coursedescriptions/soc/#SOC_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81735 351 ONLINE	-----	-	08/22/16-12/18/16	Online	Petrovic U	25 of 25

SOC 292 - Special Topics:

This course periodically offers specialized or advanced discipline-specific content related to the study of Sociology, not normally taught in the curriculum, to interested and qualified students within the program.

Credit Hours: 3

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/soc/#SOC_292)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81736 001 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	OCB 144	Killeen J	20 of 20

This section's title is **Special Topics: Sociology of the Body**.

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.

Credit Hours: 3

Associated Costs: \$5 to \$10

Outline (http://catalog.jccc.edu/coursedescriptions/spd/#SPD_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82166 001 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	CC 332	Naeymi D	25 of 25

KBOR Seamless Transfer

82167 002 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	CC 332	Naeymi D	25 of 25
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KBOR Seamless Transfer

82168	003 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	CC 332	Craig B	25 of 25
<i>KBOR Seamless Transfer</i>							
82169	004 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	CC 332	Craig B	25 of 25
<i>KBOR Seamless Transfer</i>							
82170	005 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	CC 332	Faculty	25 of 25
<i>KBOR Seamless Transfer</i>							
82171	006 F2F	-T-R---	08:00-10:50 AM	08/23/16-10/13/16	CC 318	Fagan M	24 of 24
<i>KBOR Seamless Transfer</i>							
82172	007 F2F	-T-R---	08:00-10:50 AM	10/18/16-12/08/16	CC 318	Fagan M	24 of 24
<i>KBOR Seamless Transfer</i>							
82173	008 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CC 331	Welsch L	25 of 25
<i>KBOR Seamless Transfer</i>							
82174	009 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	CC 332	Vasquez A	25 of 25
<i>KBOR Seamless Transfer</i>							
82175	010 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	CC 331	Faculty	25 of 25
<i>KBOR Seamless Transfer</i>							
82176	011 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	CC 332	Vasquez A	25 of 25
<i>KBOR Seamless Transfer</i>							
82177	012 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	CC 332	Kiser M	25 of 25
<i>KBOR Seamless Transfer</i>							
82179	013 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	CC 332	Gibbens M	25 of 25
<i>KBOR Seamless Transfer</i>							
82180	014 F2F	-T-----	06:00-09:05 PM	09/06/16-12/18/16	CC 318	Dillavou T	24 of 24
<i>KBOR Seamless Transfer</i>							
82182	015 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	CC 332	Locascio K	25 of 25
<i>KBOR Seamless Transfer</i>							
82183	016 F2F	---R---	06:00-08:50 PM	08/25/16-12/18/16	CC 332	Ayers J	25 of 25
<i>KBOR Seamless Transfer</i>							
82184	017 F2F	----S-	09:00-11:50 AM	08/27/16-12/18/16	CC 332	Ayers J	25 of 25
<i>KBOR Seamless Transfer</i>							
82186	350 ONLNE	-----	-	08/22/16-12/18/16	Online	Anderson R	18 of 18
<i>KBOR Seamless Transfer</i>							
82187	351 ONLNE	-----	-	08/22/16-12/18/16	Online	Anderson R	18 of 18
<i>KBOR Seamless Transfer</i>							
82188	352 ONLNE	-----	-	08/22/16-12/18/16	Online	Anderson R	18 of 18
<i>KBOR Seamless Transfer</i>							
82189	353 ONLNE	-----	-	08/22/16-12/18/16	Online	Sewell E	18 of 18
<i>KBOR Seamless Transfer</i>							
Note: SPD 120 353 is a completely online section; there are no campus meetings. Students will use D2L to access course materials, submit written work, participate in class discussion and communicate with the instructor and other students in the class. There are specific deadlines for the course. The course is not self-paced. For more information, contact the instructor, Emily Sewell, at 913-469-8500, ext. 5336, or e-mail esewell2@jccc.edu .							
82191	354 ONLNE	-----	-	08/22/16-12/18/16	Online	Sewell E	18 of 18
<i>KBOR Seamless Transfer</i>							
Note: SPD 120 354 is a completely online section; there are no campus meetings. Students will use D2L to access course materials, submit written work, participate in class discussion and communicate with the instructor and other students in the class. There are specific deadlines for the course. The course is not self-paced. For more information, contact the instructor, Emily Sewell, at 913-469-8500, ext. 5336, or e-mail esewell2@jccc.edu .							
82192	355 ONLNE	-----	-	09/06/16-12/18/16	Online	Welsch L	18 of 18
<i>KBOR Seamless Transfer</i>							
Note: SPD 120 355 is a completely online section; there are no campus meetings. Students will use D2L to access course materials, submit written work, participate in class discussion and communicate with the instructor and other students in the class. There are specific deadlines for the course. The course is not self-paced. For more information, contact the instructor, Lindsey Welsch, at 913-469-8500, ext. 5323, or e-mail lwelsch@jccc.edu .							

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/coursedescriptions/spd/#SPD_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82207 001 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	CC 318	Naeymi D	20 of 20
<i>KBOR Seamless Transfer</i>						
82208 002 F2F	M-W-F--	08:00-08:50 AM	08/22/16-12/18/16	CC 216	Mohr M	20 of 20
<i>KBOR Seamless Transfer</i>						
82209 003 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	CC 216	Mohr M	20 of 20
<i>KBOR Seamless Transfer</i>						
82210 004 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	CC 312	Rose S	20 of 20
<i>KBOR Seamless Transfer</i>						
82211 005 F2F	M-W-F--	09:00-09:50 AM	08/22/16-12/18/16	CC 331	Luongo J	20 of 20
<i>KBOR Seamless Transfer</i>						
82212 006 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	CC 312	Rose S	20 of 20
<i>KBOR Seamless Transfer</i>						
82213 007 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	CC 331	Luongo J	20 of 20
<i>KBOR Seamless Transfer</i>						
82214 008 F2F	M-W-F--	10:00-10:50 AM	08/22/16-12/18/16	CC 216	Mohr M	20 of 20
<i>KBOR Seamless Transfer</i>						
82215 009 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	CC 216	Rose T	20 of 20
<i>KBOR Seamless Transfer</i>						
82216 010 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	CC 331	Luongo J	20 of 20
<i>KBOR Seamless Transfer</i>						
82217 011 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	CC 312	Rose S	20 of 20
<i>KBOR Seamless Transfer</i>						
82219 012 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	CC 318	Vasquez A	20 of 20
<i>KBOR Seamless Transfer</i>						
82220 013 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	CC 216	Rose T	20 of 20
<i>KBOR Seamless Transfer</i>						
82221 014 F2F	M-W-F--	12:00-12:50 PM	08/22/16-12/18/16	CC 312	Faculty	20 of 20
<i>KBOR Seamless Transfer</i>						
82222 015 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	CC 318	Vasquez A	20 of 20
<i>KBOR Seamless Transfer</i>						
82223 016 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	CC 216	Craig B	20 of 20
<i>KBOR Seamless Transfer</i>						
82224 017 F2F	M-W-F--	01:00-01:50 PM	08/22/16-12/18/16	GEB 281	Faculty	20 of 20
<i>KBOR Seamless Transfer</i>						
82225 018 F2F	M-W----	09:00-10:15 AM	08/22/16-12/18/16	CC 318	Buta C	20 of 20
<i>KBOR Seamless Transfer</i>						
82226 019 F2F	M-W----	10:30-11:45 AM	08/22/16-12/18/16	CC 318	Buta C	20 of 20
<i>KBOR Seamless Transfer</i>						
82227 020 F2F	M-W----	01:00-02:15 PM	08/22/16-12/18/16	CC 312	Hilton M	20 of 20

KBOR Seamless Transfer

82228	021 F2F	M-W----	02:00-03:15 PM	08/22/16-12/18/16	CC 331	Wichman T	20 of 20
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KBOR Seamless Transfer

82229	022 F2F	M-W----	02:30-03:45 PM	08/22/16-12/18/16	CC 312	Hilton M	20 of 20
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KBOR Seamless Transfer

82230	023 F2F	M-W----	04:00-05:15 PM	08/22/16-12/18/16	CC 312	Hilton M	20 of 20
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KBOR Seamless Transfer

82231	024 F2F	--W-F--	10:00-11:15 AM	08/24/16-12/18/16	CC 325	Coupe K	20 of 20
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KBOR Seamless Transfer

82232	025 F2F	--W-F--	11:30-12:45 PM	08/24/16-12/18/16	CC 325	Coupe K	20 of 20
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KBOR Seamless Transfer

82233	026 F2F	--W-F--	01:00-02:15 PM	08/24/16-12/18/16	CC 325	Coupe K	20 of 20
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KBOR Seamless Transfer

82234	027 F2F	-T-R---	08:00-10:50 AM	08/23/16-10/13/16	CC 325	Mayo S	20 of 20
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KBOR Seamless Transfer

82235	028 F2F	-T-R---	08:00-10:50 AM	10/18/16-12/08/16	CC 325	Mayo S	20 of 20
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KBOR Seamless Transfer

82236	029 F2F	-T-R---	08:00-09:15 AM	08/23/16-12/18/16	CC 216	Schrag C	20 of 20
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KBOR Seamless Transfer

82237	030 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	GEB 238	Stanley J	15 of 15
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This section's title is **Public Speaking Honors**.

*Honors Course**KBOR Seamless Transfer*

Requirement: Department approval

82238	031 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CC 312	Stout D	20 of 20
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KBOR Seamless Transfer

82239	032 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CC 216	Schrag C	20 of 20
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KBOR Seamless Transfer

82241	033 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	CC 318	Young M	20 of 20
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KBOR Seamless Transfer

82242	034 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	CC 216	Stanley J	20 of 20
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KBOR Seamless Transfer

82243	035 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	CC 312	Fagan M	20 of 20
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KBOR Seamless Transfer

82244	036 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	CC 216	Stanley J	20 of 20
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KBOR Seamless Transfer

82245	037 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	CC 312	Stout D	20 of 20
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KBOR Seamless Transfer

82246	038 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	CC 318	Faculty	20 of 20
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KBOR Seamless Transfer

82247	039 F2F	---R---	12:30-03:20 PM	09/01/16-12/18/16	CC 325	Miller D	20 of 20
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KBOR Seamless Transfer

82248	040 F2F	-T-R---	02:00-03:15 PM	08/23/16-12/18/16	CC 318	Faculty	20 of 20
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KBOR Seamless Transfer

82249	041 F2F	-T-R---	04:00-05:25 PM	08/23/16-12/18/16	CC 318	Kiser M	20 of 20
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KBOR Seamless Transfer

82250	042 F2F	M-----	03:00-05:50 PM	08/22/16-12/18/16	CC 318	Geiger W	20 of 20
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KBOR Seamless Transfer

82251	043 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	CC 216	Heapes T	20 of 20
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KBOR Seamless Transfer

82288 044 F2F	-T-----	06:00-09:05 PM	09/06/16-12/18/16	CC 216	Broxterman P	20 of 20
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KBOR Seamless Transfer

82289 045 F2F	-T-----	06:00-08:50 PM	08/23/16-12/18/16	CC 331	Schaefer M	20 of 20
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KBOR Seamless Transfer

82290 046 F2F	-T-----	06:00-09:05 PM	09/06/16-12/18/16	 SMN	Buta C	20 of 20
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KBOR Seamless Transfer

82291 047 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	CC 216	Patrick B	20 of 20
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KBOR Seamless Transfer

82292 048 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	CC 331	Sewell E	20 of 20
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KBOR Seamless Transfer

82293 049 F2F	---R---	06:00-08:50 PM	08/25/16-12/18/16	CC 331	Schaefer M	20 of 20
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KBOR Seamless Transfer

82294 050 F2F	---R---	06:00-09:05 PM	09/08/16-12/18/16	 DSH	Broxterman P	20 of 20
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KBOR Seamless Transfer

82295 051 F2F	-----S-	09:00-11:50 AM	08/27/16-12/18/16	CC 331	Schaefer M	20 of 20
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KBOR Seamless Transfer

82252 350 ONLNE	-----	-	09/06/16-12/18/16	Online	Anderson R	14 of 14
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M-----	05:30-09:30 PM	10/10/16-10/10/16	Online
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M-----	05:30-09:30 PM	10/24/16-10/24/16	Online
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M-----	05:30-09:30 PM	11/28/16-11/28/16	Online
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M-----	05:30-09:30 PM	12/05/16-12/05/16	Online
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KBOR Seamless Transfer

82253 351 ONLNE	-----	-	09/06/16-12/18/16	Online	Easley-Giraldo T	14 of 14
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-T-----	06:00-10:00 PM	09/27/16-09/27/16	Online
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-T-----	06:00-10:00 PM	11/01/16-11/01/16	Online
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-T-----	06:00-10:00 PM	11/22/16-11/22/16	Online
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-T-----	06:00-10:00 PM	12/06/16-12/06/16	Online
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KBOR Seamless Transfer

Note: SPD 121 351 will incorporate the same content and expectations as the traditional on-campus course. In this online format, students will use Desire2Learn (D2L) to complete assignments, quizzes and communication functions. Students will give four speeches, which will be held through video-conferencing. The course will be available in D2L the first day of class. You must log into the course via D2L to get started.

82296 376 HYB	-----	-	08/22/16-10/24/16	Online	Anderson R	15 of 15
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M-----	10:00-12:50 PM	09/19/16-09/19/16	CC 325
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M-----	10:00-12:50 PM	09/26/16-09/26/16	CC 325
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M-----	10:00-12:50 PM	10/03/16-10/03/16	CC 325
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M-----	10:00-12:50 PM	10/10/16-10/10/16	CC 325
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KBOR Seamless Transfer

82297 377 HYB	-----	-	09/19/16-11/20/16	Online	Anderson R	15 of 15
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M-----	10:00-12:50 PM	10/24/16-10/24/16	CC 325
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M-----	10:00-12:50 PM	10/31/16-10/31/16	CC 325
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M-----	10:00-12:50 PM	11/07/16-11/07/16	CC 325
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M-----	10:00-12:50 PM	11/14/16-11/14/16	CC 325
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KBOR Seamless Transfer

82298 378 HYB	-----	-	08/22/16-12/18/16	Online	Miller D	15 of 15
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-T-----	12:30-03:20 PM	09/27/16-09/27/16	CC 325
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-T-----	12:30-03:20 PM	10/18/16-10/18/16	CC 325
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-T-----	12:30-03:20 PM	11/08/16-11/08/16	CC 325
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-T-----	12:30-03:20 PM	11/29/16-11/29/16	CC 325
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KBOR Seamless Transfer

with the instructor and fellow students. In addition, attendance at four on-campus sessions to deliver speeches to fellow students and the instructor is required. For more information, contact the instructor, Deana Miller, at 913-469-8500, ext. 4522, or at demiller@jccc.edu.

82299 379 HYB	-----	-	08/22/16-12/18/16	Online	Miller D	15 of 15
	-T-----	12:30-03:20 PM	10/04/16-10/04/16	CC 325		
	-T-----	12:30-03:20 PM	10/25/16-10/25/16	CC 325		
	-T-----	12:30-03:20 PM	11/15/16-11/15/16	CC 325		
	-T-----	12:30-03:20 PM	12/06/16-12/06/16	CC 325		

KBOR Seamless Transfer

Note: SPD 121 379 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use D2L to complete written assignments, testing and to communicate with the instructor and fellow students. In addition, attendance at four on-campus sessions to deliver speeches to fellow students and the instructor is required. For more information, contact the instructor, Deana Miller, at 913-469-8500, ext. 4522, or at demiller@jccc.edu.

82300 380 HYB	-----	-	08/22/16-12/18/16	Online	Miller D	15 of 15
	-T-----	06:00-08:50 PM	09/27/16-09/27/16	CC 325		
	-T-----	06:00-08:50 PM	10/18/16-10/18/16	CC 325		
	-T-----	06:00-08:50 PM	11/08/16-11/08/16	CC 325		
	-T-----	06:00-08:50 PM	11/29/16-11/29/16	CC 325		

KBOR Seamless Transfer

Note: SPD 121 380 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use D2L to complete written assignments, testing and to communicate with the instructor and fellow students. In addition, attendance at four on-campus sessions to deliver speeches to fellow students and the instructor is required. For more information, contact the instructor, Deana Miller, at 913-469-8500, ext. 4522, or at demiller@jccc.edu.

82301 381 HYB	-----	-	08/29/16-12/18/16	Online	Young M	15 of 15
	-T-----	06:00-08:50 PM	10/04/16-10/04/16	CC 325		
	-T-----	06:00-08:50 PM	10/25/16-10/25/16	CC 325		
	-T-----	06:00-08:50 PM	11/15/16-11/15/16	CC 325		
	-T-----	06:00-08:50 PM	12/06/16-12/06/16	CC 325		

KBOR Seamless Transfer

Note: SPD 121 381 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use D2L to complete written assignments, quizzes and communication functions. Students will also attend four required on-campus class meetings to present their speeches to classmates and the instructor. A letter with more explanation will be sent, via JCCC stumail, to students approximately one week before the start of the semester. Since this is a late-start class, the course will be available in D2L on the first day of this class, August 29, 2016. For more information, contact the instructor, Myra Young, at myyoung@jccc.edu or 913-469-8500, ext. 4128.

82302 382 HYB	-----	-	08/22/16-12/18/16	Online	Easley-Giraldo T	15 of 15
	--W----	06:00-08:50 PM	09/14/16-09/14/16	CC 325		
	--W----	06:00-08:50 PM	10/05/16-10/05/16	CC 325		
	--W----	06:00-08:50 PM	10/26/16-10/26/16	CC 325		
	--W----	06:00-08:50 PM	11/16/16-11/16/16	CC 325		

KBOR Seamless Transfer

Note: SPD 121 382 will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, students will use D2L to complete assignments, quizzes and communication functions. Students will also attend four required on-campus class meetings to present their speeches. The course will be available in D2L on the first day of class. You must log into the course via D2L to get started.

82303 383 HYB	-----	-	08/22/16-12/18/16	Online	Easley-Giraldo T	15 of 15
	--W----	06:00-08:50 PM	09/21/16-09/21/16	CC 325		
	--W----	06:00-08:50 PM	10/12/16-10/12/16	CC 325		
	--W----	06:00-08:50 PM	11/02/16-11/02/16	CC 325		
	--W----	06:00-08:50 PM	11/30/16-11/30/16	CC 325		

KBOR Seamless Transfer

Note: SPD 121 383 will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, students will use D2L to complete assignments, quizzes and communication functions. Students will also attend four required on-campus class meetings to present their speeches. The course will be available in D2L on the first day of class. You must log into the course via D2L to get started.

82304 384 HYB	-----	-	08/22/16-12/18/16	Online	Easley-Giraldo T	15 of 15
	--W----	06:00-08:50 PM	09/28/16-09/28/16	CC 325		
	--W----	06:00-08:50 PM	10/19/16-10/19/16	CC 325		
	--W----	06:00-08:50 PM	11/09/16-11/09/16	CC 325		
	--W----	06:00-08:50 PM	12/07/16-12/07/16	CC 325		

KBOR Seamless Transfer

Note: SPD 121 384 will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, students will use D2L to complete assignments, quizzes and communication functions. Students will also attend four required on-campus class meetings to present their speeches. The course will be available in D2L on the first day of class. You must log into the course via D2L to get started.

82311 385 HYB	-----	-	08/22/16-12/18/16	Online	Faculty	15 of 15
	---R---	03:00-05:50 PM	09/29/16-09/29/16	CC 331		
	---R---	03:00-05:50 PM	10/20/16-10/20/16	CC 331		
	---R---	03:00-05:50 PM	11/10/16-11/10/16	CC 331		
	---R---	03:00-05:50 PM	12/01/16-12/01/16	CC 331		

KBOR Seamless Transfer

82312 386 HYB	-----	-	08/29/16-12/18/16	Online	Faculty	15 of 15
	----F--	09:00-11:50 AM	09/30/16-09/30/16	CC 318		
	----F--	09:00-11:50 AM	10/21/16-10/21/16	CC 318		
	----F--	09:00-11:50 AM	11/11/16-11/11/16	CC 318		
	----F--	09:00-11:50 AM	12/02/16-12/02/16	CC 318		

KBOR Seamless Transfer

82313 387 HYB	-----	-	08/22/16-12/18/16	Online	Vasquez A	15 of 15
	----S-	09:00-11:50 AM	09/24/16-09/24/16	CC 325		
	----S-	09:00-11:50 AM	10/22/16-10/22/16	CC 325		
	----S-	09:00-11:50 AM	11/12/16-11/12/16	CC 325		
	----S-	09:00-11:50 AM	12/03/16-12/03/16	CC 325		

KBOR Seamless Transfer

Note: SPD 121 387 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use D2L to complete written assignments, testing and to communicate with the instructor and fellow students. In addition, attendance at four on-campus sessions to deliver speeches to fellow students and the instructor is required. A letter with more explanation will be sent, via JCCC stumail, to students approximately one week before the first day of class. For more information, contact the instructor, Ashley Vasquez, at 913-469-8500, ext. 2606, or at avasque3@jccc.edu.

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/coursedescriptions/spd/#SPD_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82193 001 F2F	M-W----	12:30-01:45 PM	08/22/16-12/18/16	CC 331	Wichman T	22 of 22
82195 002 F2F	-T-R----	11:00-12:15 PM	08/23/16-12/18/16	CC 325	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/coursedescriptions/spd/#SPD_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82202 001 F2F	--W----	02:00-04:50 PM	08/24/16-12/18/16	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/coursedescriptions/spd/#SPD_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82203 001 F2F	--W----	02:00-04:50 PM	08/24/16-12/18/16	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-cultural 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/coursedescriptions/spd/#SPD_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82196 001 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	CC 331	Schrag C	25 of 25
82198 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Miller D	18 of 18

Note: Intercultural Communication is an online course that incorporates the same content and expectations as the traditional on-campus course. It is not a self-paced course. Students should be actively engaged in the class and should expect to be online at least 2-3 times a week. Students should be self-motivated, able to manage time effectively and computer literate. For more information, contact the instructor, Deana Miller, at 913-469-8500, ext. 4522, or at demiller@jccc.edu.

82199 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Miller D	18 of 18
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Note: Intercultural Communication is an online course that incorporates the same content and expectations as the traditional on-campus course. It is not a self-paced course. Students should be actively engaged in the class and should expect to be online at least 2-3 times a week. Students should be self-motivated, able to manage time effectively and computer literate. For more information, contact the instructor, Deana Miller, at 913-469-8500, ext. 4522, or at demiller@jccc.edu.

82200 352 ONLNE	-----	-	09/06/16-12/18/16	Online	Easley-Giraldo T	15 of 15
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Note: This Intercultural Communication course is an online course that incorporates the same content and expectations as the traditional on-campus course. Since this course will use D2L students should be actively engaged in the class and should expect to be online at least 2-3 times a week. Students should be self-motivated, able to manage time effectively and computer literate. This is a late-start class so the course will be available in D2L on the first day of class, September 6, 2016. You must log into the course via D2L to get started.

82201 353 ONLNE	-----	-	08/22/16-12/18/16	Online	Gibbens M	18 of 18
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Note: For more information, contact the instructor, Meredith Gibbens at mgibbens@jccc.edu.

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/coursedescriptions/spd/#SPD_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82205 001 F2F	--W----	02:00-04:50 PM	08/24/16-12/18/16	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/coursedescriptions/spd/#SPD_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82206 001 F2F	--W----	02:00-04:50 PM	08/24/16-12/18/16	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/coursedescriptions/thea/#THEA_120) [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81446 001 F2F	M-W-F--	11:00-11:50 AM	08/22/16-12/18/16	GEB 342	Noble T	35 of 35
<i>KBOR Seamless Transfer</i>						
81448 003 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	GEB 342	Philip S	35 of 35
<i>KBOR Seamless Transfer</i>						
82255 201 F2F	M-W----	07:00-09:50 PM	10/17/16-12/11/16	CC 344	Roose A	35 of 35
<i>KBOR Seamless Transfer</i>						
81449 351 ONLNE	-----	-	08/22/16-12/18/16	Online	Roose A	25 of 25
<i>KBOR Seamless Transfer</i>						
81450 352 ONLNE	-----	-	08/22/16-12/18/16	Online	Roose A	25 of 25
<i>KBOR Seamless Transfer</i>						

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/coursedescriptions/thea/#THEA_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81451 001 F2F	M-W----	12:00-01:15 PM	08/22/16-12/18/16	CC BLBOX	Pettigrew B	15 of 15
81452 002 F2F	-T-R---	11:00-12:15 PM	08/23/16-12/18/16	CC BLBOX	Urban A	15 of 15
81453 003 F2F	M-W----	04:00-05:15 PM	08/22/16-12/18/16	CC 232	Noble T	15 of 15

THEA 123 - Improvisation for the Theater

The student will be introduced to theater improvisation, which will emphasize creative stage activities not requiring a written script. Participation in activities of this course will release and enhance the work of serious acting students and show the students how to approach characterization viscerally rather than intellectually, spontaneously rather than intentionally. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: THEA 130

Outline (http://catalog.jccc.edu/coursedescriptions/thea/#THEA_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81454 001 F2F	----F--	11:00-12:50 PM	08/26/16-12/18/16	CC BLBOX	Schmidli M	20 of 20



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/coursedescriptions/thea/#THEA_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81455 002 F2F	M-W----	10:30-11:45 AM	08/22/16-12/18/16	CC BLBOX	Pettigrew B	15 of 15

KBOR Seamless Transfer



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/coursedescriptions/thea/#THEA_133)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81456 500 INT	-----	-	08/22/16-12/18/16		Faculty	3 of 3

KBOR Seamless Transfer

Requirement: Department approval

THEA 134 - Performance Practicum I

This course will enable students to gain practical experience in performance-related aspects of college theater productions. Admission may be granted upon being cast in a JCCC production. 2 hrs. lab/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/thea/#THEA_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81457 500 INT	-----	-	08/22/16-12/18/16		Pettigrew B	8 of 8

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.

Associated Costs: \$30 to 60

Outline (http://catalog.jccc.edu/coursedescriptions/thea/#THEA_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81458 001 F2F	M-----	04:00-05:50 PM	08/22/16-12/18/16	CC 296	Flaharty G	14 of 14

THEA 136 - Costume Construction

This is a survey of the theory, techniques and skills used in costume creation for the theater and film. Areas of study and practice include basic construction, patterning and cutting; fabrics, design and realization; millinery; craftwork; and organization. 2 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/thea/#THEA_136)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81459 001 F2F	M-W----	10:00-11:15 AM	08/22/16-12/18/16	CC 296	Faculty	10 of 10



THEA 140 - Basic Stagecraft

This course introduces the general student and theater major to basic stagecraft. Through lectures, in-class demonstrations and hands-on experiences, the student will gain a working and appreciative knowledge of technical theater. The course includes 15 lab hours and attendance at two live theatrical productions. 2 hrs. lecture, 2 hrs. lab/wk. This course is typically offered in the fall semester.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/thea/#THEA_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81460 001 F2F	-T-R---	09:30-10:45 AM	08/23/16-12/18/16	CC BLBOX	Faculty	20 of 20

KBOR Seamless Transfer

THEA 209 - Script Analysis

Script Analysis introduces students to those methods used in the theater for the study and/or analysis of plays. Directors, actors and designers use script analysis during their preparatory work and then continue to use it through the rehearsal process until, and sometimes even after, the production has finished. This course is of value to the student because it focuses on the crucial elements of a play encountered during the production process including dramatic structure, content and meaning. 3 hrs. lecture/wk. This course is typically offered in the fall semester only.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/thea/#THEA_209)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81461 001 F2F	M-W----	02:00-03:15 PM	08/22/16-12/18/16	CC 229	Noble T	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/coursedescriptions/thea/#THEA_233)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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KBOR Seamless Transfer

Requirement: Department approval

THEA 292 - Special Topics:

This course periodically offers specialized or advanced discipline-specific content related to performance, technical theatre, and design not normally taught in the curriculum, to interested and qualified students within the program. 3 hrs. lecture/wk.

Credit Hours: 3**Prerequisite:** Instructor approval

Outline (http://catalog.jccc.edu/coursedescriptions/thea/#THEA_292)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81463 001 F2F	----F--	02:00-04:50 PM	08/26/16-12/18/16	CC 229	Schmidli M	15 of 15

This section's title is **Special Topics: Accents & Dialects for the Actor.**

This course will focus on the major accents and dialects that professional actors encounter in their careers. Focus will be on accents and dialects from the Americas, Europe and Asia. To obtain department approval, e-mail Beate Pettigrew. bpettigr@jccc.edu (please include your JCCC student ID number)

Requirement: Department approval

81464 002 F2F	-T-R---	12:30-01:45 PM	08/23/16-12/18/16	CC BLBOX	Crenshaw C	15 of 15
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This section's title is **Special Topics: Physical Theatre & Ensemble Creation.**

This course will focus on physical theatre acting techniques. Emphasis on motivation, characterization and showmanship through training in Grotowski, clowning, and physical ensemble creation. Styles and techniques used in this class will include Grotowski, BodyWorks, Viewpoints, Clowning, Alexander Technique and others. To obtain department approval, e-mail Beate Pettigrew. bpettigr@jccc.edu (please include your JCCC student ID number)

Requirement: Department approval

Web Development Digital Media**WEB 110 - HTML and CSS**

This course will cover the essential skills needed to create websites, with a focus on using HyperText Markup Language (HTML) and Cascading Style Sheets (CSS). Students will be introduced to the concepts, foundations, syntax and structure of HTML. Additional topics include the use of File Transfer Protocol (FTP) to publish websites and validation to web standards established by the World Wide Web Consortium (W3C) and other organizations. 3 hrs. lecture/wk.

Credit Hours: 3**Associated Costs:** \$10-\$15

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82652 001 F2F	M-----	09:00-11:50 AM	08/22/16-12/18/16	RC 323	Hopper J	15 of 15
<i>Accelerating Opportunity KS Kansas Senate Bill SB 155</i>						
82653 002 F2F	M-----	02:00-05:50 PM	08/22/16-12/18/16	RC 376	Hopper J	15 of 15
<i>Accelerating Opportunity KS Kansas Senate Bill SB 155</i>						
82654 003 F2F	-T-----	06:00-08:50 PM	08/23/16-12/18/16	RC 353	Lafferty P	17 of 17
<i>Accelerating Opportunity KS Kansas Senate Bill SB 155</i>						
82655 004 F2F	-----S-	09:00-11:50 AM	08/27/16-12/18/16	RC 376	Lafferty P	15 of 15
<i>Accelerating Opportunity KS Kansas Senate Bill SB 155</i>						
82656 350 ONLNE	-----	-	08/22/16-12/18/16	Online	Friedrichsen L	15 of 15
<i>Kansas Senate Bill SB 155 Accelerating Opportunity KS</i>						
82657 376 HYB	---R---	09:00-11:50 AM	09/29/16-12/08/16	RC 353	Friedrichsen L	17 of 17
<i>----- - 09/29/16-12/08/16 Online</i>						

82658 377 HYB	---R---	02:00-04:50 PM	09/29/16-12/08/16	RC 323	Friedrichsen L	15 of 15
	-----	-	09/29/16-12/08/16	Online		

WEB 112 - Professional Skills for the Digital Developer

Upon successful completion of this course, the student will be able to demonstrate effective communications and professional skills important to a career in digital development. Topics covered include the use of technology to achieve effective written and verbal communication skills, team management, project management and problem solving skills. Current and relevant legal, ethical and governmental issues important to a career in digital development are also covered. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10-\$15

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_112)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82659 001 F2F	M-W----	12:15-01:45 PM	08/22/16-12/18/16	RC 323	Hopper J	15 of 15

Accelerating Opportunity KS

82660 002 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	RC 323	Lafferty P	15 of 15
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Accelerating Opportunity KS

WEB 114 - Web Scripting: JavaScript I

This course provides a foundation to client-side scripting using the JavaScript language. Students will write, validate and debug JavaScript code to enhance the functionality of Web pages. Topics to be covered include common applications such as responding to user actions, creating pop-up dialog boxes and controlling the Web browser. Students will apply JavaScript to manipulate and validate Web form elements and data and to build menus and navigational structures. 2 hrs. lecture/wk.

Credit Hours: 2

Associated Costs: \$10-\$15

Prerequisite or corequisite: WEB 110

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_114)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82661 001 F2F	--W----	09:00-10:50 AM	08/24/16-12/18/16	RC 323	Sindt R	15 of 15

Accelerating Opportunity KS
Kansas Senate Bill SB 155

82662 002 F2F	---R---	06:00-08:50 PM	09/29/16-12/08/16	RC 376	Friedrichsen L	15 of 15
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Accelerating Opportunity KS
Kansas Senate Bill SB 155

82663 350 ONLNE	-----	-	09/29/16-12/08/16	Online	Friedrichsen L	15 of 15
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Accelerating Opportunity KS
Kansas Senate Bill SB 155

WEB 116 - Digital Media Concepts

This course examines the digital media creation process and the impact of emerging technology on that process. Emphasis is placed on the need to understand target audiences, as well as the impact of content on those audiences. Creative culture is examined so students may begin to understand the relationship between ideas and the structure and management of the organizations and intellectual property systems used to express those ideas. 2 hrs. lecture/wk.

Credit Hours: 2

Associated Costs: \$10-\$15

Prerequisite or corequisite: ENGL 121

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_116)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82664 001 F2F	M-W----	03:00-03:50 PM	08/22/16-12/18/16	RC 323	Lafferty P	15 of 15
<i>Accelerating Opportunity KS</i>						
82665 002 F2F	-T-R---	05:00-05:50 PM	08/23/16-12/18/16	RC 323	Lafferty P	15 of 15
<i>Accelerating Opportunity KS</i>						

WEB 121 - Digital Media Assets

This course focuses on technologies and workflows in managing digital image, digital video and audio assets throughout an asset's life cycle. Through the study of digital and interactive media and its application in information technology, students will analyze and assess current and emerging technologies. Students will design and create multimedia projects that address customer needs and solve real world problems. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. 3 hrs. lecture/wk. 2 hrs. open lab/wk.

Credit Hours: 4

Associated Costs: \$10-\$15

Prerequisite or corequisite: WEB 116

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82666 001 F2F	---R---	11:00-01:50 PM	08/25/16-12/18/16	RC 323	Lafferty P	15 of 15
<i>Kansas Senate Bill SB 155</i>						

WEB 124 - Web Scripting: JavaScript II

Students apply JavaScript to manage state information, cookies and security. Students will also study the elements of a basic Asynchronous JavaScript and eXtensible markup Language (AJAX) application. Students will learn advanced debugging techniques and apply their comprehensive JavaScript skills to a capstone case. 2 hr. lecture/wk.

Credit Hours: 2

Associated Costs: \$10-\$15

Prerequisite: WEB 114

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82667 001 F2F	-T-----	06:00-08:50 PM	09/27/16-11/29/16	RC 376	Meigs R	15 of 15
<i>Kansas Senate Bill SB 155</i>						

WEB 125 - Digital Video Tools

This introductory video production technology course will cover basic desktop computer operating systems and the technologies used to bring photographic (film, video, still) images and audio into the digital domain. Students will learn to prepare audio and video media from pre-production to post-production techniques for digital delivery systems and the Internet. 1hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10-\$15

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82668 001 F2F	----F--	11:00-01:50 PM	09/30/16-10/28/16	RC 323	Bandel W	15 of 15

WEB 126 - 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 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

Associated Costs: \$10-\$15

Prerequisite: WEB 110

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82669 002 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	RC 323	Nord E	15 of 15

Kansas Senate Bill SB 155

WEB 128 - Server Scripting: PHP with MySQL

This course covers the commands and techniques available to add functionality to Web pages using Hypertext Preprocessor (PHP). 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. Students also 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. 2 hr. lecture/wk.

Credit Hours: 2

Associated Costs: \$10-\$15

Prerequisite: WEB 110

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82670 001 F2F	---R---	06:00-08:50 PM	09/29/16-12/08/16	RC 355	Schultz B	17 of 17

Kansas Senate Bill SB 155

82671 350 ONLINE	-----	-	09/27/16-11/29/16	Online	Mein P	15 of 15
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Kansas Senate Bill SB 155

WEB 150 - Essential Web Concepts and Techniques I

This current-events course introduces students to essential Web concepts and techniques. Students will explore a range of topics, from fundamental existing technologies to new trends. Real-world applications of the Web will be the primary focus of this course. Hands-on, practical projects will be performed to reinforce the concepts. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10-\$15

Prerequisites or corequisites: CPCA 105 or CPCA 106 or CPCA 128 or appropriate score on an assesment test

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82672 350 ONLINE	-----	-	10/03/16-10/31/16	Online	Mahring B	15 of 15

Kansas Senate Bill SB 155

WEB 152 - Web Pages: Expression Web I

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 website, identifying the purpose of HyperText Markup Language (HTML) 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 website. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10-\$15

Prerequisite or corequisite: WEB 150

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_152)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82673 350 ONLINE	-----	-	10/03/16-10/31/16	Online	Mahring B	15 of 15

Kansas Senate Bill SB 155

WEB 154 - Web Pages: Dreamweaver I

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 HyperText Markup Language (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.

Credit Hours: 1

Associated Costs: \$10-\$15

Prerequisite or corequisite: WEB 150

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_154)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82674 350 ONLINE	-----	-	10/03/16-10/31/16	Online	Nastav C	15 of 15

Kansas Senate Bill SB 155

WEB 158 - Adobe Flash I

This course will cover the commands and techniques available to add Flash content to Web pages. 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.

Credit Hours: 1

Associated Costs: \$10-\$15

Prerequisite: WEB 110

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_158)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82675 350 ONLINE	-----	-	08/24/16-09/21/16	Online	Baxter P	15 of 15

Kansas Senate Bill SB 155

WEB 160 - Essential Web Concepts and Techniques II

This course is a continuation of Essential Web Concepts and Techniques I, and will cover intermediate commands and techniques required to use various Web based tools and programs. Students will explore a wide range of topics, from existing technologies to new trends. Real-world applications of the Web will be the primary focus of this course. Hands-on, practical projects will be performed to reinforce the concepts. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10-\$15

Prerequisite or corequisite: WEB 150

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82676 350 ONLINE	-----	-	11/07/16-12/05/16	Online	Mahring B	15 of 15

WEB 162 - Web Pages: Expression Web II

This course is a continuation of Web Pages: Expression Web I, and will cover intermediate-level commands and techniques required to create and enhance websites 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-\$15

Prerequisite or corequisite: WEB 152

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_162)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82677 350 ONLINE	-----	-	11/07/16-12/05/16	Online	Mahring B	15 of 15

Kansas Senate Bill SB 155

WEB 164 - Web Pages: Dreamweaver II

This course builds upon the concepts and design techniques presented in Dreamweaver I. The course includes a range of intermediate Dreamweaver techniques required to work efficiently and create manageable web site designs using Dreamweaver forms, templates and libraries, as well as covering managing your web site and checking files. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10-\$15

Prerequisite or corequisite: WEB 154

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_164)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82678 350 ONLINE	-----	-	11/07/16-12/05/16	Online	Nastav C	15 of 15

Kansas Senate Bill SB 155

WEB 168 - Adobe Flash II

This course will build on the fundamental skills learned in Adobe Flash I. Topics will include complex animation techniques, interactivity with simple frame actions, and interactivity using objects such as buttons, hotspots and movie clips. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10-\$15

Prerequisite or corequisite: WEB 158

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_168)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82679 350 ONLINE	-----	-	09/28/16-10/26/16	Online	Baxter P	15 of 15

Kansas Senate Bill SB 155

WEB 172 - WordPress I

This course will cover the commands and techniques required to create and revise blogs and websites using WordPress. Topics to be covered will include basic blogging techniques, working with digital images, hosting, spam and security issues, plugins and themes. Real-world applications of WordPress will be the primary focus of this course. Hands-on, practical projects will be performed to reinforce the concepts. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10-\$15

Prerequisite or corequisite: CPCA 105 or CPCA 106 or CPCA 128 or an appropriate score on an assessment test

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_172)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82680 001 F2F	--W----	06:00-08:50 PM	11/02/16-12/07/16	RC 353	Lafferty P	15 of 15

Kansas Senate Bill SB 155

WEB 178 - Adobe Flash III

This course will build on the skills learned in Adobe Flash II. 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-\$15

Prerequisite or corequisite: WEB 168

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_178)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82681 350 ONLINE	-----	-	11/02/16-12/07/16	Online	Baxter P	15 of 15

Kansas Senate Bill SB 155

WEB 188 - 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. Students will gain a strong foundation in the latest version of ActionScript and many more general object-oriented programming principles. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10-\$15

Prerequisite: WEB 178

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_188)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82682 350 ONLINE	-----	-	11/03/16-12/08/16	Online	Baxter P	15 of 15

Kansas Senate Bill SB 155

WEB 230 - Asynchronous JavaScript and XML

This course will introduce and explain the use of AJAX (Asynchronous JavaScript and eXtensible Markup Language). AJAX is not a technology itself but is a combination of HTML (HyperText Markup Language), CSS (Cascading Style Sheets) and JavaScript's use of the DOM (Document Object Model). Students will use AJAX to dynamically load data into a Web page. Topics include auto complete functionality and other interactive features to a Web page. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10-\$15

Prerequisite: WEB 114

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82683 001 F2F	---R---	06:00-08:50 PM	08/25/16-09/22/16	RC 376	Schultz B	15 of 15

Kansas Senate Bill SB 155

WEB 231 - Experience Design

This course will serve as a broad survey of the user experience design process for interactive products and services. Students will learn the building blocks of the user experience including interaction design, design research, information architecture and design principles. In addition to understanding how to discover needs and fulfill

Through readings, critiques, exercises and discussions, students will explore what makes the experience of an interactive media application successful. 3 hrs. lecture, 2 hrs. open lab/wk.

Credit Hours: 4

Associated Costs: \$10-\$15

Prerequisite: WEB 126

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82684 001 F2F	-T-----	06:00-08:50 PM	08/23/16-12/18/16	RC 323	Graves N	15 of 15

WEB 233 - Visual Storytelling

Storytelling is how people share ideas and meaning. It's how we communicate, reach each other and connect. This course provides an introduction to the methods and tools of visual storytelling. Students will explore the impact of visual storytelling and how to communicate visually. Students will use storytelling techniques enabling them to create, design and produce stories using digital media. This course will explore the key elements to tell realistic and compelling visual stories. Students will write scripts, design storyboards, create still and moving images using music and narration to tell their stories. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$10-\$15

Recommended Courses: CDTP 135 and/or PHOT 121

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_233)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82685 376 HYB	-T-----	01:00-04:50 PM	08/23/16-12/18/16	RC 323	Hopper J	15 of 15
	-----	-	08/23/16-12/18/16	Online		

Mandatory Classroom Meetings

WEB 234 - Web Apps I

Mobile devices outnumber desktop and laptop computers three to one worldwide. This course will cover practical guidelines, standards, techniques and best practices for building Web applications using Client-Side programming including Hypertext Markup Language (HTML), Cascading Style Sheet (CSS) and JavaScript, including basic design and development principles for all mobile devices and platforms. Students will have strong knowledge about the methods and tools used in developing Web applications. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10-\$15

Prerequisite: WEB 124

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_234)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82686 001 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	RC 376	Walla J	15 of 15

Kansas Senate Bill SB 155

WEB 236 - Content Management Systems Development

Content Management Systems (CMS) have gained in popularity as the number of robust and complex websites continues to grow. Students will cover the life cycle of websites, including their creation, management, distribution and publishing of content. This hands-on course will cover open source CMS applications such as Joomla, Drupal, WordPress and other technologies and the resources available to designers and developers. Students will explore the fundamentals of planning dynamic websites, CMS database management, developing Cascading Style Sheet (CSS)-controlled site templates, and creating database-driven websites through the planning and creation of their own topic-based sites. Student exercises include how to interact, engage and contribute to online communities and projects. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10-\$15

Prerequisite: WEB 128

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_236)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82687 001 F2F	---R---	06:00-08:50 PM	08/25/16-12/18/16	RC 323	Martin L	15 of 15

Kansas Senate Bill SB 155

WEB 238 - Interactive Scripting: JQuery

Designers and developers can use jQuery to have complete access to all Cascading Style Sheets (CSS) styles of any element on a Web page, effortless Web page content manipulation via filters and patterns, detection or creation of events (mouse movement or click), moving, hiding and fading elements and other features. Students will be exposed to how to write efficient jQuery selectors to round up sets of Document Object Model (DOM) elements, how to use the framework's many methods to manipulate DOM elements, how to use the jQuery event application programming interface (API) to set up event listeners and event delegation, how to manage Ajax requests with jQuery and how to extend jQuery with custom filters and methods. 3 hrs. lecture/wk. and 2 hrs. open lab/wk.

Credit Hours: 4

Associated Costs: \$10-\$15

Prerequisites: WEB 122 and WEB 124

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_238)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82688 001 F2F	M-----	06:00-08:50 PM	08/22/16-12/18/16	RC 376	Walla J	15 of 15

Kansas Senate Bill SB 155

WEB 243 - 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 website designs and strategies for search engine optimization. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10-\$15

Prerequisite: WEB 110

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_243)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82689 350 ONLINE	-----	-	11/03/16-12/08/16	Online	Lafferty P	15 of 15

Kansas Senate Bill SB 155

WEB 245 - Motion Graphics Tools

This course is designed to introduce students to motion graphics and special effects. All basic applications of the program will be touched upon including credits, transitions, filters, masks and mattes. Students will experience the complete motion graphics workflow, beginning by capturing their own still images and videos and concluding by rendering and exporting an original composition. 1hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10-\$15

Prerequisite or corequisite: WEB 125

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82690 001 F2F	----F--	11:00-01:50 PM	11/04/16-12/09/16	RC 323	Bandel W	15 of 15

Kansas Senate Bill SB 155

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/coursedescriptions/wgs/#WGS_201)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81914 001 F2F	--W----	06:00-08:50 PM	08/24/16-12/18/16	GP 101	Klinger T	25 of 25

Promoted Searches

- Winter Session Classes (/class/results/term_type/Credit?query=keywords%3Awinter&ecid=featured)
- Online Classes (/class/results/term_type/Credit/section_status/OPEN/section_delivery_method/ONLNE?ecid=featured)
- Evening Classes (/class/results/term_type/Credit/section_status/OPEN/meeting_time_category/EVENING?ecid=featured)
- Classes Starting Soon (/class/results/term_type/Credit/section_status/OPEN?startDaysOut=30&ecid=featured)
- Kansas State Bill 155 Classes (/class/results/term_type/Credit?query=keywords%3As155&ecid=featured)
- Short-term Classes (/class/results/term_type/Credit?query=keywords%3Ashortterm&ecid=featured)
- Two x 2 x 2 Classes (/class/results/term_type/Credit?query=keywords%3A2x2&ecid=featured)

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>)
- KBOR Transfer (http://www.kansasregents.org/transfer_articulation)

Need help?

Please call the Success Center at 913-469-3803 (tel:9134693803) for assistance.