

Credit Spring 2017

## Credit Spring 2017

**Note:** The spring schedule displayed is an historical record of the spring 2017 semester. The spring 2018 schedule of classes will be available online in September of 2018.

### 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. 20 hrs./semester

**Credit Hours:** 1

**Associated Costs:** \$2 to 5

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12186 001 IND	-----	-	01/17/17-05/19/17	OCB 304	Merritt J	Closed
12187 002 IND	-----	-	03/20/17-05/12/17	OCB 304	Merritt J	Closed

#### 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. 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
12188 001 IND	-----	-	01/17/17-05/19/17	OCB 304	Merritt J	Closed
12189 002 IND	-----	-	01/30/17-05/19/17	OCB 304	Merritt J	Closed

#### 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. 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
12190 001 IND	-----	-	01/17/17-05/19/17	OCB 304	Merritt J	Closed

### 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. 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
12191 001 IND	-----	-	01/17/17-05/19/17	OCB 304	Merritt J	Closed

### 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. 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
12192 001 IND	-----	-	01/17/17-05/19/17	OCB 304	Merritt J	Closed

### 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. 20 hrs./semester

**Credit Hours:** 1

**Associated Costs:** \$2 to 5

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12193 001 IND	-----	-	01/17/17-05/19/17	OCB 304	Merritt J	Closed
12194 002 IND	-----	-	02/13/17-05/19/17	OCB 304	Merritt J	Closed

### 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](http://catalog.jccc.edu/coursedescriptions/aac/#AAC_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12004 350 ONLINE	-----	-	01/30/17-05/19/17	Online	Hanyasz S	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12005 001 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	GP 102	Frigault R	Closed
12010 002 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CC 224	Frigault R	Closed
12011 003 F2F	M-----	06:00-09:05 PM	01/30/17-05/19/17	LPC B	Stevens L	Closed
12013 004 F2F	--W----	06:00-08:50 PM	01/18/17-05/19/17	OCB 144	Chapkin L	Closed

## AAC 150 - Job Search Skills

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

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

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/aac/#AAC\\_150](http://catalog.jccc.edu/coursedescriptions/aac/#AAC_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12124 001 F2F	----F--	08:00-12:00 PM	03/31/17-03/31/17	GEB 381	Goben B	Closed
	----F--	08:00-12:00 PM	04/07/17-04/07/17	GEB 381		
	----F--	08:00-12:00 PM	04/21/17-04/21/17	GEB 381		
	----F--	08:00-12:00 PM	05/05/17-05/05/17	GEB 381		

## 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](http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_111))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10001 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Farmer C	Closed
<i>Kansas Senate Bill SB 155</i>						
12966 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Farmer C	Closed
<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](http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_121))

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>10002</b> 001 F2F <i>Kansas Senate Bill SB 155</i>	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	GEB 363	Megariss M	<b>Closed</b>
<b>10003</b> 002 F2F <i>Kansas Senate Bill SB 155</i>	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	GEB 254	Krug D	<b>Closed</b>
<b>10005</b> 003 F2F <i>Kansas Senate Bill SB 155</i>	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	GEB 254	Krug D	<b>Closed</b>
<b>10006</b> 004 F2F <i>Kansas Senate Bill SB 155</i>	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	CC 229	Gluhovskyy A	<b>Closed</b>
<b>10008</b> 005 F2F <i>Kansas Senate Bill SB 155</i>	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	GEB 254	King A	<b>Closed</b>
<b>10010</b> 006 F2F <i>Kansas Senate Bill SB 155</i>	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	GEB 254	Forbes H	<b>Closed</b>
<b>10022</b> 008 F2F <i>Kansas Senate Bill SB 155</i>	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	GEB 254	Gluhovskyy A	<b>Closed</b>
<b>10025</b> 009 F2F <i>Kansas Senate Bill SB 155</i>	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	GEB 254	Spoolstra A	<b>Closed</b>
<b>10027</b> 010 F2F <i>Kansas Senate Bill SB 155</i>	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	GEB 254	Spoolstra A	<b>Closed</b>
<b>10028</b> 011 F2F <i>Kansas Senate Bill SB 155</i>	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	GEB 254	Gluhovskyy A	<b>Closed</b>
<b>10033</b> 012 F2F <i>Kansas Senate Bill SB 155</i>	-T----	06:00-08:50 PM	01/17/17-05/19/17	GEB 254	Wright J	<b>Closed</b>
<b>10034</b> 013 F2F <i>Kansas Senate Bill SB 155</i>	--W----	06:00-08:50 PM	01/18/17-05/19/17	GEB 254	Holbrook C	<b>Closed</b>
<b>10036</b> 350 ONLNE <i>Kansas Senate Bill SB 155</i>	-----	-	01/17/17-05/19/17	Online	Krug D	<b>Closed</b>
<b>10037</b> 351 ONLNE <i>Kansas Senate Bill SB 155</i>	-----	-	01/17/17-05/19/17	Online	Krug D	<b>Closed</b>
<b>10038</b> 352 ONLNE <i>Kansas Senate Bill SB 155</i>	-----	-	01/17/17-05/19/17	Online	Fisher E	<b>Closed</b>
<b>10039</b> 353 ONLNE <i>Kansas Senate Bill SB 155</i>	-----	-	01/17/17-05/19/17	Online	Sivaratnam L	<b>Closed</b>
<b>10040</b> 354 ONLNE <i>Kansas Senate Bill SB 155</i>	-----	-	01/17/17-05/19/17	Online	Kolich R	<b>Closed</b>
<b>10042</b> 355 ONLNE <i>Kansas Senate Bill SB 155</i>	-----	-	01/17/17-03/12/17	Online	Cole L	<b>Closed</b>
<b>10041</b> 356 ONLNE <i>Kansas Senate Bill SB 155</i>	-----	-	03/20/17-05/14/17	Online	Cole L	<b>Closed</b>

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>10043</b> 001 F2F <i>Kansas Senate Bill SB 155</i>	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	GEB 256	King A	<b>Closed</b>
<b>10044</b> 002 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	GEB 256	King A	<b>Closed</b>

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Kansas Senate Bill SB 155</i>						
10045 003 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	GEB 256	Krug D	Closed
<i>Kansas Senate Bill SB 155</i>						
10046 004 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	GEB 256	McNeil K	Closed
<i>Kansas Senate Bill SB 155</i>						
10047 005 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	GEB 256	McNeil K	Closed
<i>Kansas Senate Bill SB 155</i>						
10048 006 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	GEB 256	Jones D	Closed
<i>Kansas Senate Bill SB 155</i>						
10049 007 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	GEB 256	Jones D	Closed
<i>Kansas Senate Bill SB 155</i>						
10050 008 F2F	-T-----	06:00-08:50 PM	01/24/17-05/15/17	GEB 256	Smith H	Closed
<i>Kansas Senate Bill SB 155</i>						
10051 350 ONLNE	-----	-	01/17/17-05/19/17	Online	McNeil K	Closed
<i>Kansas Senate Bill SB 155</i>						
10052 351 ONLNE	-----	-	01/17/17-05/19/17	Online	McNeil K	Closed
<i>Kansas Senate Bill SB 155</i>						
10053 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Callanan J	Closed
<i>Kansas Senate Bill SB 155</i>						
10054 353 ONLNE	-----	-	01/17/17-03/12/17	Online	Callanan J	Closed
<i>Kansas Senate Bill SB 155</i>						
10055 354 ONLNE	-----	-	03/20/17-05/14/17	Online	Farmer C	Closed
<i>Kansas Senate Bill SB 155</i>						
13134 960 ONLNE	-----	-	01/17/17-05/19/17	Online	Cole L	1 of 1
<i>Kansas Senate Bill SB 155</i>						
Requirement: unavailable						

## 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](http://catalog.jccc.edu/coursedescriptions/acct#ACCT_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10056 001 F2F	--W----	06:00-08:50 PM	01/18/17-05/19/17	GEB 363	Spoolstra A	Closed
<i>Kansas Senate Bill SB 155</i>						
10057 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Spoolstra A	Closed
<i>Kansas Senate Bill SB 155</i>						
10058 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Spoolstra A	Closed
<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](http://catalog.jccc.edu/coursedescriptions/acct#ACCT_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10059 350 ONLNE	-----	-	01/17/17-05/19/17	Online	McNeil K	Closed

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

## ACCT 140 - Computerized Accounting Problems

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

**Credit Hours:** 3

**Prerequisite:** ACCT 122

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10060 350 ONLNE	-----	-	01/17/17-05/19/17	Online	King A	Closed
	---R---	05:00-05:50 PM	01/19/17-01/19/17	GEB 363		

*Mandatory Classroom Meetings*

Kansas Senate Bill SB 155

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 Thursday, January 19th 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](http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_215))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10061 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Fisher E	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10063 001 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	GEB 363	McNeil K	Closed
10064 002 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	GEB 363	Forbes H	Closed
10065 003 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	GEB 363	McNeil K	Closed
10066 005 F2F	-T-----	06:00-08:50 PM	01/17/17-05/19/17	OCB 332	Henn R	Closed
10073 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Cole L	Closed
10075 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Cole L	Closed
10077 352 ONLNE	-----	-	03/20/17-05/14/17	Online	Cole L	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10078 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Krug D	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10081 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Cordes S	Closed

*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](http://catalog.jccc.edu/coursedescriptions/acct#ACCT_278))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10083 500 INT	-----	-	01/17/17-05/19/17		King A	8 of 17
	---R---	06:00-06:30 PM	01/19/17-01/19/17	GEB 379		

*Kansas Senate Bill SB 155*

*Mandatory Classroom Meetings*

Note: There is a mandatory meeting time for this course on Thursday, January 19th from 6:00-6:30pm in GEB 379.

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10084 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Spoolstra A	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
	--W----	04:30-05:45 PM	01/18/17-01/18/17	GEB 363		

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

Note: There is a mandatory meeting time for this course on Wednesday, January 18th from 4:30-5:45pm in GEB 363.

## 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
11395 001 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	PA 145	Galbrecht F	Closed
11396 002 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	PA 133	Galbrecht F	Closed
11397 201 F2F	M-----	06:00-09:00 PM	01/30/17-05/19/17	PA 145	Groves M	Closed
11398 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Daniels M	Closed
11399 352 ONLNE	-----	-	03/20/17-05/14/17	Online	King K	Closed

### 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
11400 001 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	PA 145	Ashman C	Closed
<i>Kansas Senate Bill SB 155</i>						
11401 002 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	PA 133	Ashman C	Closed
<i>Kansas Senate Bill SB 155</i>						
11402 351 ONLNE	-----	-	01/17/17-05/19/17	Online	King K	Closed
<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
11403 001 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	PA 145	Divney J	Closed
11458 002 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	PA 145	Ashman C	Closed
11463 003 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	PA 145	Ladd G	Closed
11465 201 F2F	M-----	06:00-09:00 PM	01/30/17-05/19/17	PA 133	Gabrielson J	Closed
11473 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Gabrielson J	Closed
11476 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Galbrecht F	Closed



## 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
11478 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Simpson M	Closed

## 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
11484 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Blank S	Closed

## 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
11485 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Hammen S	Closed

## 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
11488 001 F2F	---R---	06:00-08:50 PM	01/19/17-05/19/17	PA 133	Blank S	Closed
12734 002 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	PA 134	Galbrecht F	Closed

## ADMJ 154 - Fundamentals of Criminal Investigation

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

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ\\_154](http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_154))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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## ADMJ 221 - Forensic Science and Crime Scene Investigation

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

**Credit Hours:** 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
11490 001 F2F	---R---	06:00-08:50 PM	01/19/17-05/19/17	PA 144	McGill Carroll K	Closed

## ADMJ 223 - The World of Crime

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

**Credit Hours:** 3

**Prerequisite:** ADMJ 121

Outline ([http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ\\_223](http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_223))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11492 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Blank S	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_228))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11493 201 F2F	--W----	06:00-09:00 PM	02/01/17-05/19/17	PA 133	O'Halloran G	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_235))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11495 001 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	PA 144	King K	Closed
12974 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Welch J	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
11497 001 F2F	-T-----	06:00-08:50 PM	01/17/17-05/19/17	PA 145	Groves M	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
11499 501 INT	-----	-	01/17/17-05/19/17		King K	6 of 6

Requirement: Department approval

## Automation Engineering Tech

### AET 120 - Industrial Fluid Power

This course examines theory, applications and operation of industrial hydraulic and pneumatic systems. The inspection, maintenance and repair of the various components are covered in this course. Interpretation of the various schematic symbols used in hydraulic and pneumatic circuit diagrams will be discussed. 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\\_120](http://catalog.jccc.edu/coursedescriptions/aet/#AET_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11538 001 F2F	Lab --W----	02:00-04:50 PM	01/18/17-05/19/17	ATB 168A	Clark H	Closed
	M-----	02:00-04:50 PM	01/23/17-05/19/17	ATB 164		

Kansas Senate Bill SB 155

### AET 240 - Industrial Robotics

This course examines types, applications and troubleshooting of industrial robots and subsystems. Included in this course is the programming of industrial robotic control software. Students learn to home a robot, test teach points and design simple robot programs for different applications. 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\\_240](http://catalog.jccc.edu/coursedescriptions/aet/#AET_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11539 001 F2F	---R---	05:00-06:50 PM	01/19/17-05/19/17	ITC 188	Clark H	Closed
	Lab ---R---	07:00-09:50 PM	01/19/17-05/19/17	ITC 191A		

### AET 260 - Programmable Logic Controllers II

This course is a continuation of Programmable Logic Controllers I. Principle topics include sequencers, file and block transfers, analog control and proportional-integral-derivative (PID) functions. In addition, methods of networking and advanced user interface will be covered. 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:** AET 160

Outline ([http://catalog.jccc.edu/coursedescriptions/aet/#AET\\_260](http://catalog.jccc.edu/coursedescriptions/aet/#AET_260))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11541 001 F2F	-T-----	05:00-06:50 PM	01/17/17-05/19/17	ITC 188	Clark H	Closed
	Lab -T-----	07:00-09:50 PM	01/17/17-05/19/17	ITC 191A		

*Kansas Senate Bill SB 155*

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12411 001 F2F	----FS-	09:00-11:50 AM	01/20/17-05/19/17	RC 311	Kimball L	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12412 001 F2F	----FS-	12:00-02:50 PM	01/20/17-05/19/17	RC 311	Kimball L	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12413 001 F2F	-T-R--	09:00-11:50 AM	01/17/17-05/19/17	RC 311	Stirk L	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12414 001 F2F	M-W----	06:00-08:50 PM	01/18/17-05/19/17	RC 311	Sanchez D	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12415 001 F2F	M-W----	12:00-02:50 PM	01/18/17-05/19/17	RC 311	Garrison A	Closed

*Kansas Senate Bill SB 155*

## ANI 220 - CG Environments and Animation

In this course students will create interior and exterior environments, generating various types of vegetation and terrain. The details of modeling for film and commercial environments and a range of simple to complex lighting and rendering techniques will be covered. Advanced materials and shaders will be explored. Students will also be introduced to render passes and render layers, and composite the rendered images into a polished animation product. 6 hrs. integrated lecture/lab/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/ani/#ANI\\_220](http://catalog.jccc.edu/coursedescriptions/ani/#ANI_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12416 001 F2F	-T-R---	12:00-02:50 PM	01/17/17-05/19/17	RC 311	Garrison A	Closed

*Kansas Senate Bill SB 155*

12417 002 F2F	----FS-	03:00-05:50 PM	01/20/17-05/19/17	RC 311	Garrison A	Closed
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*Kansas Senate Bill SB 155*

## ANI 245 - Character Animation

Students will develop and refine new skills in creating 3-dimensional character animation. The computer and cutting-edge software have become increasingly important tools in creating character animatics and 3-dimensional character animations. More principles and elements of character animation will be introduced to create more realistic, believable and engaging stories. Continued focus on the importance of plot, character development, key principles of animation and artistic skill will push students into realms of endless creativity and imagination. 6 hrs. integrated lecture/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\\_245](http://catalog.jccc.edu/coursedescriptions/ani/#ANI_245))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12418 001 F2F	-T-R---	09:00-11:50 AM	01/17/17-05/19/17	OCB 106	Byers J	Closed

*Kansas Senate Bill SB 155*

12553 002 F2F	M-W----	03:00-05:50 PM	01/18/17-05/19/17	RC 311	Byers J	Closed
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*Kansas Senate Bill SB 155*

## ANI 258 - Game Level Design

This course provides an introduction to game level design and how to create interior and exterior levels using the same state of the art editing tools that are used in 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](http://catalog.jccc.edu/coursedescriptions/ani/#ANI_258))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12419 001 F2F	M-W----	09:00-11:50 AM	01/18/17-05/19/17	RC 311	Byers J	Closed

*Kansas Senate Bill SB 155*

## ANI 260 - Animation Capstone

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

**Credit Hours:** 3

**Associated Costs:** \$50

**Prerequisite or corequisite:** ANI 255

Outline ([http://catalog.jccc.edu/coursedescriptions/ani/#ANI\\_260](http://catalog.jccc.edu/coursedescriptions/ani/#ANI_260))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12420 001 F2F	-T-R---	12:00-02:50 PM	01/17/17-05/19/17	OCB 106	Byers J	Closed

*Kansas Senate Bill SB 155*

## ANI 270 - Visual Effects and Compositing

This course emphasizes the importance of breaking down visual effects shots for effective compositing. Advanced topics will include 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](http://catalog.jccc.edu/coursedescriptions/ani/#ANI_270))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12421 001 F2F	-T-R---	06:00-08:50 PM	01/17/17-05/19/17	RC 311	Stirk L	Closed

*Kansas Senate Bill SB 155*

## ANI 275 - Animation Career Preparation

This course will provide animation majors instruction in the presentation of his or her work in a digital portfolio format of professional quality. A website, resume and cover letter will be produced. Self-promotion, networking, job searches and interview skills will also be covered. 6 hrs. integrated lecture/lab/wk.

**Credit Hours:** 3

**Prerequisite or corequisite:** ANI 255

Outline ([http://catalog.jccc.edu/coursedescriptions/ani/#ANI\\_275](http://catalog.jccc.edu/coursedescriptions/ani/#ANI_275))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12422 001 F2F	-T-R---	03:00-05:50 PM	01/17/17-05/19/17	RC 311	Garrison A	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
11020 001 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	GEB 338	Huber-Smith M	Closed
11021 002 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	GEB 338	Daley S	Closed
11022 003 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	GEB 338	Raab L	Closed
11024 004 F2F	-T-----	06:00-08:50 PM	01/17/17-05/19/17	GEB 338	Michaels D	Closed
11023 201 F2F	M-----	06:00-09:00 PM	01/30/17-05/19/17	GEB 338	Raab L	Closed
11025 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Raab A	Closed
11026 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Raab A	Closed
11027 353 ONLNE	-----	-	03/20/17-05/14/17	Online	Corbett S	Closed

### 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
11028 001 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	GEB 338	McFarlane W	Closed
11029 351 ONLNE	-----	-	01/17/17-05/19/17	Online	McFarlane W	Closed
11030 352 ONLNE	-----	-	01/17/17-05/19/17	Online	McFarlane W	Closed

### 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
11031 001 F2F	M-W-F--	02:00-02:50 PM	01/18/17-05/19/17	GEB 338	Divney J	Closed
11032 002 F2F	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	GEB 338	Harmon L	Closed
11034 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Huber-Smith M	Closed
12989 352 ONLNE	-----	-	01/30/17-05/19/17	Online	Ediger R	Closed

### 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
11036 001 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	GEB 338	McFarlane W	Closed

## ANTH 144 - Archaeology

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

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/anth/#ANTH\\_144\)](http://catalog.jccc.edu/coursedescriptions/anth/#ANTH_144)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11037 001 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	GEB 338	Raab A	Closed

## 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
12802 001 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	GEB 338	Daley S	Closed

## ANTH 165 - Linguistic Anthropology

This course is an introduction to the interaction between language and culture. We will explore the various ways humans communicate and analyze how these modes of communication reflect social and cultural identities. Students will also look at how linguistic anthropologists use methods in the field to analyze language use. At the conclusion of this course, students will see how race, ethnicity, gender and other cultural identities are expressed through language. 3 hrs. lecture/wk.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/anth/#ANTH\\_165\)](http://catalog.jccc.edu/coursedescriptions/anth/#ANTH_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11039 001 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	GEB 338	Huber-Smith M	Closed

## 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
11040 001 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	GEB 338	Daley S	Closed

This section's title is **Special Topics: Cross-Cultural Perspectives on Ghosts and Hauntings.**

This special topics course will utilize an ethnographic approach to introduce students to how cultures and societies all over the world define, interpret, and respond to the phenomena commonly referred to as ghosts and hauntings. Particular attention will be paid to cultural traditions from Africa, the Americas, Asia, and Europe. Lectures, discussions, readings, and films will be used to accomplish this, as well as optional trips to local sites associated with ghosts and hauntings.

## 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](http://catalog.jccc.edu/coursedescriptions/arch/#ARCH_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10086 001 F2F	M-W----	02:00-03:15 PM	01/23/17-05/19/17	ITC 134	Meadows B	Closed
10087 002 F2F	-T-R---	02:00-03:15 PM	01/24/17-05/19/17	ITC 134	Meadows B	Closed

## ARCH 123 - Architectural Principles

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

**Credit Hours:** 3

**Associated Costs:** \$10 to 30

**Prerequisite:** ARCH 120

Outline ([http://catalog.jccc.edu/coursedescriptions/arch/#ARCH\\_123](http://catalog.jccc.edu/coursedescriptions/arch/#ARCH_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10088 001 F2F	M-W----	12:00-01:15 PM	01/23/17-05/19/17	ITC 134	Miller J	Closed

## ARCH 131 - Architectural Graphics

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

**Credit Hours:** 3

**Associated Costs:** \$100 to 300

**Prerequisites:** ARCH 127

Outline ([http://catalog.jccc.edu/coursedescriptions/arch/#ARCH\\_131](http://catalog.jccc.edu/coursedescriptions/arch/#ARCH_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10089 001 F2F	M-W----	09:00-11:45 AM	01/18/17-05/19/17	ITC 134	Miller J	Closed

## ARCH 140 - Architectural Design

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

**Credit Hours:** 3

**Associated Costs:** \$100 to 300

**Prerequisites:** ARCH 127

Outline ([http://catalog.jccc.edu/coursedescriptions/arch/#ARCH\\_140](http://catalog.jccc.edu/coursedescriptions/arch/#ARCH_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10090 001 F2F	-T-R---	09:00-11:45 AM	01/17/17-05/19/17	ITC 134	Miller J	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10091 960 F2F	M-----	04:00-06:45 PM	01/23/17-05/19/17	ITC 134	Meadows B	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10092 001 F2F	-T-R---	12:00-01:15 PM	01/24/17-05/19/17	ITC 134	Meadows B	Closed

*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](http://catalog.jccc.edu/coursedescriptions/arch/#ARCH_244))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10093 001 F2F	-T-----	04:00-06:45 PM	01/24/17-05/19/17	ITC 134	Meadows B	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/arch/#ARCH_245))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10094 001 F2F	---R---	04:00-06:45 PM	01/26/17-05/19/17	ITC 134	Meadows B	Closed

## Art

### ART 124 - Design 2D

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

**Credit Hours:** 3

**Associated Costs:** \$200 to 400

**Prerequisite or corequisite:** CDTP 145

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
11041 001 F2F	----F--	01:30-06:45 PM	01/20/17-05/19/17	LIB 311	Hawkins P	Closed
11042 002 F2F	---R---	08:00-01:15 PM	01/19/17-05/19/17	LIB 311	Hawkins P	Closed
11043 003 F2F	---R---	01:30-06:45 PM	01/19/17-05/19/17	LIB 346	Hetler C	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/art/#ART_127))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11044 001 F2F	M-----	08:00-01:15 PM	01/23/17-05/19/17	LIB 311	Shinohara M	Closed
11045 002 F2F	-T-----	08:00-01:15 PM	01/17/17-05/19/17	LIB 311	Shinohara M	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
11046 001 F2F	-T-----	01:30-06:45 PM	01/17/17-05/19/17	LIB 346	Nemer T	Closed
11047 002 F2F	-T-----	08:00-01:15 PM	01/17/17-05/19/17	LIB 346	Nemer T	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/art/#ART_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11564 001 F2F	M-W----	08:00-10:50 AM	01/18/17-05/19/17	ATB 109	Ricketts C	Closed
11570 002 F2F	-----S-	08:00-01:50 PM	01/21/17-05/19/17	ATB 109	Stewart M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
11571 003 F2F	-T-R---	03:00-05:50 PM	01/17/17-05/19/17	ATB 109	Schell A	Closed
11572 004 F2F	-T-R---	06:00-08:50 PM	01/17/17-05/19/17	ATB 109	Schell A	Closed
11573 005 F2F	-T-R---	08:00-10:50 AM	01/17/17-05/19/17	ATB 109	Kira K	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/art/#ART_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11574 001 F2F	M-W----	12:00-02:50 PM	01/18/17-05/19/17	ATB 109	Carroll J	Closed
11575 002 F2F	-----S-	08:00-01:50 PM	01/21/17-05/19/17	ATB 109	Stewart M	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/art/#ART_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11576 001 F2F	-T-R---	08:00-10:50 AM	01/17/17-05/19/17	ATB 101	Kligman M	Closed
11577 002 F2F	-T-R---	12:00-02:50 PM	01/17/17-05/19/17	ATB 101	Kligman M	Closed
11578 003 F2F	M-W----	12:00-02:50 PM	01/18/17-05/19/17	ATB 101	Ricketts C	Closed

## ART 136 - Painting II

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

**Credit Hours:** 3

**Associated Costs:** \$100 to 200

**Prerequisite:** ART 135

Outline ([http://catalog.jccc.edu/coursedescriptions/art/#ART\\_136](http://catalog.jccc.edu/coursedescriptions/art/#ART_136))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11580 001 F2F	-T-R---	03:00-05:50 PM	01/17/17-05/19/17	ATB 101	Carroll J	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
11581 001 F2F	-T-R---	08:00-10:50 AM	01/17/17-05/19/17	ATB 135	Stewart M	Closed
11583 002 F2F	M-W----	12:00-02:50 PM	01/18/17-05/19/17	ATB 135	Hughes T	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/art/#ART_142))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11584 001 F2F	M-W----	08:00-10:50 AM	01/18/17-05/19/17	ATB 111	Gascogne L	Closed
11586 002 F2F	M-W----	06:00-08:50 PM	01/18/17-05/19/17	ATB 111	Davis S	Closed
11588 003 F2F	M-W----	12:00-02:50 PM	01/18/17-05/19/17	ATB 111	Davis S	Closed
11589 004 F2F	-----S-	08:00-01:50 PM	01/21/17-05/19/17	ATB 111	Haney N	Closed
11590 005 F2F	-T-R---	06:00-08:50 PM	01/17/17-05/19/17	ATB 111	Haney N	Closed
11591 006 F2F	-T-R---	08:00-10:50 AM	01/17/17-05/19/17	ATB 111	Gascogne L	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/art/#ART_143))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11592 001 F2F	-T-R---	12:00-02:50 PM	01/17/17-05/19/17	ATB 111	Gascogne L	Closed
11593 002 F2F	M-W----	06:00-08:50 PM	01/18/17-05/19/17	ATB 111	Davis S	Closed
11594 003 F2F	M-W----	12:00-02:50 PM	01/18/17-05/19/17	ATB 111	Davis S	Closed
11595 004 F2F	-----S-	08:00-01:50 PM	01/21/17-05/19/17	ATB 111	Haney N	Closed
11596 005 F2F	-T-R---	06:00-08:50 PM	01/17/17-05/19/17	ATB 111	Haney N	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/art/#ART_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11597 001 F2F	M-W----	08:00-10:50 AM	01/18/17-05/19/17	ATB 115	Cowardin M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
11600 003 F2F	-T-R---	03:00-05:50 PM	01/17/17-05/19/17	ATB 115	Burmood J	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/art/#ART_146))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11601 001 F2F	-T-R---	12:00-02:50 PM	01/17/17-05/19/17	ATB 115	Burmood J	Closed

## 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
11605 001 F2F	M-W----	03:00-05:50 PM	01/18/17-05/19/17	ATB 115	Pener S	Closed
11606 002 F2F	M-W----	12:00-02:50 PM	01/18/17-05/19/17	ATB 115	Pener S	Closed
11607 003 F2F	-----S-	12:00-05:50 PM	01/21/17-05/19/17	ATB 115	Roberson K	Closed

## 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
11608 001 F2F	M-W----	03:00-05:50 PM	01/18/17-05/19/17	ATB 115	Pener S	Closed
11609 002 F2F	M-W----	12:00-02:50 PM	01/18/17-05/19/17	ATB 115	Pener S	Closed
11610 003 F2F	-----S-	12:00-05:50 PM	01/21/17-05/19/17	ATB 115	Roberson K	Closed

## 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
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11611 001 F2F M-W---- 03:00-05:50 PM 01/18/17-05/19/17 ATB 101 Carroll J Closed

### 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
11612 001 F2F	-T-R---	12:00-02:50 PM	01/17/17-05/19/17	ATB 109	Kira K	Closed
11613 002 F2F	M-W----	03:00-05:50 PM	01/18/17-05/19/17	ATB 109	Kligman M	Closed

### 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](http://catalog.jccc.edu/coursedescriptions/art/#ART_232))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11614 001 F2F	-T-R---	12:00-02:50 PM	01/17/17-05/19/17	ATB 109	Kira K	Closed
11615 002 F2F	M-W----	03:00-05:50 PM	01/18/17-05/19/17	ATB 109	Kligman M	Closed

### ART 235 - Studio Workshop I

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

**Credit Hours:** 3

**Associated Costs:** \$100 to 200

**Prerequisite:** ART 131 or ART 136

Outline ([http://catalog.jccc.edu/coursedescriptions/art/#ART\\_235](http://catalog.jccc.edu/coursedescriptions/art/#ART_235))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11616 001 F2F	-T-R---	03:00-05:50 PM	01/17/17-05/19/17	ATB 101	Carroll J	Closed

### ART 236 - Studio Workshop II

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

**Credit Hours:** 3

**Associated Costs:** \$100 to 200

**Prerequisite:** ART 235

Outline ([http://catalog.jccc.edu/coursedescriptions/art/#ART\\_236](http://catalog.jccc.edu/coursedescriptions/art/#ART_236))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11617 001 F2F	-T-R---	03:00-05:50 PM	01/17/17-05/19/17	ATB 101	Carroll J	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
11618 001 F2F	-T-R---	08:00-10:50 AM	01/17/17-05/19/17	ATB 135	Stewart M	Closed
11619 002 F2F	M-W----	12:00-02:50 PM	01/18/17-05/19/17	ATB 135	Hughes T	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
11620 001 F2F	-T-R---	12:00-02:50 PM	01/17/17-05/19/17	ATB 111	Gascogne L	Closed

## 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
10847 001 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CC 352	DiCamillo R	Closed
10848 002 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	CC 352	DiCamillo R	Closed
10849 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Smith A	Closed
10850 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Zell V	Closed

Tests will be taken at the JCCC Testing Center or a proctored location as agreed upon with the instructor.

12988 353 ONLNE	-----	-	01/30/17-05/19/17	Online	Newlands J	Closed
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### 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
10852 001 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CC 352	Zell V	Closed
10853 002 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	CC 352	Smith A	Closed
10854 003 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CC 352	DiCamillo R	Closed
10855 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Newlands J	Closed
10856 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Zell V	Closed

Tests will be taken at the JCCC Testing Center or a proctored location as agreed upon with the instructor.

## 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
10857 001 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CC 352	Smith A	Closed
10858 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Smith A	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/arth/#ARTH_186))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10859 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Dolemo M	Closed

## ARTH 188 - History of Photography

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

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/arth/#ARTH\\_188](http://catalog.jccc.edu/coursedescriptions/arth/#ARTH_188))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10860 001 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	CC 352	Mendenhall K	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>12006</b> 001 F2F <i>Kansas Senate Bill SB 155</i>	M-W-F--	12:00-01:50 PM	01/18/17-05/19/17	GEB 311	Symansky R	<b>Closed</b>
<b>12008</b> 003 F2F <i>Kansas Senate Bill SB 155</i>	M-W----	06:00-08:50 PM	01/18/17-05/19/17	GEB 215	Horn-Marsh P	<b>Closed</b>
<b>12009</b> 004 F2F <i>Kansas Senate Bill SB 155</i>	-T-R---	08:00-10:50 AM	01/17/17-05/19/17	GEB 311	Symansky R	<b>Closed</b>
<b>12015</b> 005 F2F <i>Kansas Senate Bill SB 155</i>	-T-R---	12:00-02:50 PM	01/17/17-05/19/17	GEB 311	Symansky R	<b>Closed</b>
<b>12016</b> 006 F2F <i>Kansas Senate Bill SB 155</i>	-T-R---	06:00-08:50 PM	01/17/17-05/19/17	CC 325	Luton D	<b>Closed</b>

## 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](http://catalog.jccc.edu/coursedescriptions/asl/#ASL_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>12017</b> 001 F2F <i>Kansas Senate Bill SB 155</i>	M-W-F--	09:00-10:50 AM	01/18/17-05/19/17	PA 144	Gwynn T	<b>Closed</b>
<b>12018</b> 002 F2F <i>Kansas Senate Bill SB 155</i>	M-W-F--	02:00-03:50 PM	01/18/17-05/19/17	GEB 311	Symansky R	<b>Closed</b>
<b>12019</b> 003 F2F <i>Kansas Senate Bill SB 155</i>	M-W----	06:00-08:50 PM	01/18/17-05/19/17	GEB 311	Goben B	<b>Closed</b>

## 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
<b>12020</b> 001 F2F <i>Kansas Senate Bill SB 155</i>	-T-R---	06:00-08:50 PM	01/17/17-05/19/17	GEB 311	Gwynn T	<b>Closed</b>

## 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
12021 001 F2F	M-W----	06:00-08:50 PM	01/18/17-05/19/17	GEB 381	Kuhns K	Closed

*Kansas Senate Bill SB 155*

## ASL 135 - Intro to American Sign Language Linguistics

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

**Credit Hours:** 3

**Associated Costs:** \$10 to 50

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

Outline ([http://catalog.jccc.edu/coursedescriptions/asl/#ASL\\_135](http://catalog.jccc.edu/coursedescriptions/asl/#ASL_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12022 001 F2F	-T-----	06:00-08:50 PM	01/17/17-05/19/17	GEB 215	Kuhns K	Closed

*Kansas Senate Bill SB 155*

## ASL 150 - American Sign Language Literature

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

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

**Credit Hours:** 3

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

Outline ([http://catalog.jccc.edu/coursedescriptions/asl/#ASL\\_150](http://catalog.jccc.edu/coursedescriptions/asl/#ASL_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12023 001 F2F	---R---	06:00-08:50 PM	01/19/17-05/19/17	GEB 215	Kuhns K	Closed

*Kansas Senate Bill SB 155*

## Astronomy

### ASTR 120 - Fundamentals of Astronomy

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

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/ast/#ASTR\\_120](http://catalog.jccc.edu/coursedescriptions/ast/#ASTR_120)) [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10068 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Koch W	Closed
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. <b>NOTE:</b> Students not logging in within the first two weeks may be dropped for non-attendance. The textbook and all course material are provided free online. All assignments and exams are submitted online.						
10069 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Koch W	Closed
Note: Students not logging in within the first two weeks may be dropped for non-attendance. The textbook and all course material are provided free online. All assignments and exams are submitted online.						
10070 352 ONLNE	-----	-	01/30/17-05/19/17	Online	Patterson J	Closed
Note: This is a late start course. Students not logging in within the first two weeks may be dropped for non-attendance. The textbook and all course material are provided free online. All assignments and exams are submitted online.						
10071 353 ONLNE	-----	-	03/20/17-05/14/17	Online	Koch W	Closed
Note: This is a late start course. Students not logging in within the first week may be dropped for non-attendance. The textbook and all course material are provided free online. All assignments and exams are submitted online.						

## ASTR 122 - Astronomy

This course is a study of the universe from the Earth, moon and planets to the stars and the most distant galaxies. Topics include black holes, quasars, and the origin of the universe and the possibility of life on other planets. Current astronomical discoveries are discussed in class as they occur. Access to astronomical 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
10072 001 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	CLB 405	Patterson J	Closed
	Lab M-----	09:00-10:50 AM	01/23/17-05/19/17	CLB 411		
10074 002 F2F	-T-----	09:00-09:50 AM	01/17/17-05/19/17	CLB 411	Koch W	Closed
	Lab -T-----	10:00-11:50 AM	01/17/17-05/19/17	CLB 411		
	---R---	09:00-10:50 AM	01/19/17-05/19/17	CLB 411		
10076 003 F2F	-T-----	01:00-01:50 PM	01/17/17-05/19/17	CLB 405	Koch W	Closed
	Lab -T-----	02:00-03:50 PM	01/17/17-05/19/17	CLB 411		
	---R---	01:00-02:50 PM	01/19/17-05/19/17	CLB 405		
10080 050 F2F	--W----	06:00-06:50 PM	01/18/17-05/19/17	CLB 405	Patterson J	Closed
	Lab --W----	07:00-08:50 PM	01/18/17-05/19/17	CLB 411		
	M-----	06:00-07:50 PM	01/23/17-05/19/17	CLB 405		

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12088 001 F2F	M-----	02:00-04:40 PM	01/23/17-05/19/17	ATB 129	Carr S	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12089 001 F2F	Lab --W----	06:00-08:40 PM	01/18/17-05/19/17	ATB 183	Davis J	Closed
	M-----	06:00-07:40 PM	01/23/17-05/19/17	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](http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12090 001 F2F	-T-----	06:00-07:40 PM	01/17/17-05/19/17	ATB 183	Yetter J	Closed
	Lab -T-----	07:45-09:00 PM	01/17/17-05/19/17	ATB 192		

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12091 376 HYB	---R---	04:00-05:40 PM	01/19/17-05/19/17	ATB 129	Carr S	Closed
	Lab ---R---	06:00-08:40 PM	01/19/17-05/19/17	ATB 192		
	-----	-	01/19/17-05/19/17	Online		

*Kansas Senate Bill SB 155*

12092 377 HYB	-T-----	01:00-02:40 PM	01/17/17-05/19/17	ATB 131	Craven D	Closed
	-----	-	01/17/17-05/19/17	Online		
	Lab ---R---	01:00-03:40 PM	01/19/17-05/19/17	ATB 190		

*Kansas Senate Bill SB 155*

12093 378 HYB	-----S-	08:00-09:40 AM	01/21/17-05/19/17	ATB 129	Carswell R	Closed
	Lab -----S-	09:45-12:15 PM	01/21/17-05/19/17	ATB 190		
	-----	-	01/21/17-05/19/17	Online		

*Kansas Senate Bill SB 155*

## AUTO 130 - Diesel Fundamentals

Upon successful completion of this course, the student should be able to identify diesel engine components and parts, troubleshoot and service all external components with an emphasis on glow plugs, injectors and injector pumps. 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. This course is taught in the spring semester.

**Credit Hours:** 2

**Prerequisite or corequisite:** AUTO 125

Outline ([http://catalog.jccc.edu/coursedescriptions/auto/#AUTO\\_130](http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12712 376 F2F	----F--	09:00-09:50 AM	01/20/17-05/19/17	ATB 183	Perrodin R	Closed
	Lab ----F--	10:00-12:40 PM	01/20/17-05/19/17	ATB 185		
	-----	-	01/20/17-05/19/17	Online		

*Kansas Senate Bill SB 155*

## AUTO 150 - Steering and Suspension I

In this course students will document fundamental suspension systems concerns, perform fundamental diagnostics of steering systems, perform fundamental repairs of suspension systems, determine the need for wheel alignment, perform a four wheel alignment, and perform fundamental diagnostics and repair of wheel and tire systems. 2 hrs. lecture/wk, 3 hrs. lab/wk.

**Credit Hours:** 3

**Associated Costs:** \$400

**Corequisite:** AUTO 151 Prerequisite or Corequisite: AUTO 125

Outline ([http://catalog.jccc.edu/coursedescriptions/auto/#AUTO\\_150](http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12094 001 F2F	-T-R---	08:00-08:50 AM	01/17/17-05/19/17	ATB 129	Steffen D	Closed
	Lab -T-----	09:00-11:40 AM	01/17/17-05/19/17	ATB 190		
<i>Kansas Senate Bill SB 155</i> Note: Co-requisite to enroll in AUTO 151 (CRN 12097)						
12095 002 F2F	--W-F--	05:00-05:50 PM	01/18/17-05/19/17	ATB 129	Hensley E	Closed
	Lab --W----	06:00-08:40 PM	01/18/17-05/19/17	ATB 190		
<i>Kansas Senate Bill SB 155</i> Note: Co-requisite to enroll in AUTO 151 (CRN 12098)						
12096 003 F2F	----F--	09:00-10:40 AM	01/20/17-05/19/17	ATB 129	Hale H	Closed
	Lab ----F--	11:30-02:00 PM	01/20/17-05/19/17	ATB 190		
<i>Kansas Senate Bill SB 155</i> Note: Co-requisite to enroll in AUTO 151 (CRN 12099)						

## AUTO 151 - Alignment Practicum

This course will enhance the skills of diagnosing the need for wheel alignment and performing alignment of the steering and suspension systems. 3 hrs. lab/wk.

**Credit Hours:** 1

**Associated Costs:** \$400

**Corequisite:** AUTO 150 Prerequisite or corequisite: AUTO 125

Outline ([http://catalog.jccc.edu/coursedescriptions/auto/#AUTO\\_151](http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_151))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12097 001 F2F	Lab ---R---	09:00-11:40 AM	01/19/17-05/19/17	ATB 190	Steffen D	Closed
<i>Kansas Senate Bill SB 155</i> Note: Co-requisite to enroll in AUTO 150 (CRN 12094)						
12098 002 F2F	Lab ----F--	06:00-08:40 PM	01/20/17-05/19/17	ATB 190	Hensley E	Closed
<i>Kansas Senate Bill SB 155</i> Note: Co-requisite to enroll in AUTO 150 (CRN 12095)						
12099 003 F2F	Lab ----F--	02:30-05:00 PM	01/20/17-05/19/17	ATB 190	Hale H	Closed
<i>Kansas Senate Bill SB 155</i> Note: Co-requisite to enroll in AUTO 150 (CRN 12096)						

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12927 376 HYB	-T-----	06:00-07:55 PM	02/07/17-05/16/17	ATB 125	Fort R	Closed
	-----	-	02/07/17-05/18/17	Online		
	Lab ---R---	06:00-08:55 PM	02/09/17-05/18/17	ATB 182		
<i>Kansas Senate Bill SB 155</i>						

## AUTO 161 - Engine Performance I

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

**Credit Hours:** 3

**Associated Costs:** \$0 to \$400

**Prerequisite:** AUTO 156

Outline ([http://catalog.jccc.edu/coursedescriptions/auto/#AUTO\\_161](http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_161))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12100 376 HYB	-T-----	02:00-03:40 PM	01/17/17-05/19/17	ATB 127	James J	Closed
	-----	-	01/17/17-05/19/17	Online		
	Lab ---R---	01:00-03:40 PM	01/19/17-05/19/17	ATB 192		
<i>Kansas Senate Bill SB 155</i>						
12101 377 HYB	Lab -T-----	06:00-08:40 PM	01/17/17-05/19/17	ATB 190	James J	Closed
	-----	-	01/17/17-05/19/17	Online		
	---R---	06:00-07:40 PM	01/19/17-05/19/17	ATB 129		
<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](http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_165))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12102 376 HYB	M-W----	08:00-08:50 AM	01/18/17-05/19/17	ATB 129	Hale H	Closed
	Lab M-W----	09:00-11:40 AM	01/18/17-05/19/17	ATB 185		
	-----	-	01/18/17-05/19/17	Online		
<i>Kansas Senate Bill SB 155</i>						
12103 377 HYB	M-W----	06:00-06:50 PM	01/18/17-05/19/17	ATB 129	Hill B	Closed
	Lab M-W----	07:00-09:40 PM	01/18/17-05/19/17	ATB 185		
	-----	-	01/18/17-05/19/17	Online		
<i>Kansas Senate Bill SB 155</i>						

## AUTO 166 - Electrical II

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

**Credit Hours:** 2

**Associated Costs:** \$0 to \$400

**Prerequisite:** AUTO 156

Outline ([http://catalog.jccc.edu/coursedescriptions/auto/#AUTO\\_166](http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_166))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12104 001 F2F	M-----	05:00-05:50 PM	01/23/17-05/19/17	ATB 128	Hale H	Closed
	Lab M-----	06:00-08:40 PM	01/23/17-05/19/17	ATB 192		
<i>Kansas Senate Bill SB 155</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
12105 002 F2F	M-----	01:00-01:50 PM	01/23/17-05/19/17	ATB 129	Hale H	Closed
	M-----	02:00-04:40 PM	01/23/17-05/19/17	ATB 190		
<i>Kansas Senate Bill SB 155</i>						
12106 003 F2F	--W----	01:00-01:50 PM	01/18/17-05/19/17	ATB 129	Hale H	Closed
	Lab --W----	02:00-04:40 PM	01/18/17-05/19/17	ATB 190		
<i>Kansas Senate Bill SB 155</i>						

### AUTO 201 - ASE Certification Review

This course will prepare students to take any of the eight (8) basic National Institute for Automotive Service Excellence (ASE) automotive student certification tests. 1 hr. lecture/wk.

**Credit Hours:** 1

**Associated Costs:** \$30-\$50

**Prerequisites or corequisites:** AUTO 208 and AUTO 209 and AUTO 221 and AUTO 250

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12107 350 ONLNE	-----	-	01/17/17-05/19/17	Online	James J	Closed

### AUTO 215 - Engine Performance III

Upon successful completion of this course, the student should be able to service and repair fuels systems, ignition systems, and exhaust systems. The student will be required to provide ANSI Z87 safety glasses and will be expected to provide other basic hand tools and/or equipment. 1 hr. lecture, 6 hrs. instructional lab

**Credit Hours:** 3

**Associated Costs:** \$0 to 400

**Prerequisite:** AUTO 205

Outline ([http://catalog.jccc.edu/coursedescriptions/auto/#AUTO\\_215](http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_215))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12108 376 HYB	--W----	12:00-12:50 PM	01/18/17-05/19/17	ATB 129	James J	Closed
	Lab M-W----	01:00-03:40 PM	01/18/17-05/19/17	ATB 192		
	-----	-	01/18/17-05/19/17	Online		
<i>Kansas Senate Bill SB 155</i>						
12109 377 HYB	--W----	06:00-06:50 PM	01/18/17-05/19/17	ATB 131	James J	Closed
	Lab --W-F--	06:55-09:35 PM	01/18/17-05/19/17	ATB 192		
	-----	-	01/18/17-05/19/17	Online		
<i>Kansas Senate Bill SB 155</i>						

### AUTO 221 - Heating and Air Conditioning

Upon successful completion of this course, the student should be able to operate, service and diagnose automotive heating, ventilation and air conditioning systems. The course will cover the theory and operation of these systems, major components, testing, recycling and other service procedures. The student will be required to provide ANSI Z87 safety glasses and may be expected to provide other basic hand tools and/or equipment. 3 hrs. lecture, 3 hrs. instructional lab

**Credit Hours:** 4

**Associated Costs:** \$0 to \$400

**Prerequisite:** AUTO 156 and AUTO 165

Outline ([http://catalog.jccc.edu/coursedescriptions/auto/#AUTO\\_221](http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_221))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12110 001 F2F	Lab --W----	09:00-11:40 AM	01/18/17-05/19/17	ATB 190	Ireland J	Closed
	M-----	09:00-11:40 AM	01/23/17-05/19/17	ATB 129		
<i>Kansas Senate Bill SB 155</i>						



CRN	Days	Time	Date	Location	Instructor	Seats Open
12111 002 F2F	-T-----	06:00-08:40 PM	01/17/17-05/19/17	ATB 129	Stow J	Closed
	Lab ---R---	06:00-08:40 PM	01/19/17-05/19/17	ATB 190		

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12113 001 F2F	-T-R---	09:00-09:50 AM	01/17/17-05/19/17	ATB 129	Ireland J	Closed
	Lab -T-R---	10:00-12:40 PM	01/17/17-05/19/17	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](http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12114 500 INT	-----	-	01/17/17-05/19/17		Ireland J	1 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 and click on CRN number. For more information: <http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html> (<http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html>) .

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

**Credit Hours:** 5

**Associated Costs:** \$20 to 110

**Prerequisite:** ENGL 121 (with a grade of "C" or higher) or an appropriate reading placement test score











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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12550 002 F2F	---RF--	08:00-03:00 PM	01/19/17-03/10/17	 OHEC 233	Brown D	Closed

Accelerating Opportunity KS

Kansas Senate Bill SB 155

NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, October 21st. Students MUST view CNA Enrollment Tips (<http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html> (<http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html>)) before October 21st to ensure enrollment eligibility.

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>12551</b> 003 F2F	--WR---	08:30-03:30 PM	01/18/17-03/09/17	 OHEC 235	Horst K	<b>Closed</b>
<i>Accelerating Opportunity KS</i> <i>Kansas Senate Bill SB 155</i> NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, October 21st. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html">http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html</a> ) before October 21st to ensure enrollment eligibility.						
<b>12554</b> 005 F2F	M-W----	05:30-08:30 PM	01/18/17-05/17/17	 OHEC 241	Waechter J	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i> <i>Accelerating Opportunity KS</i> NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, October 21st. Students MUST view CNA Enrollment Tips <a href="http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html">http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html</a> ( <a href="http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html">http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html</a> ) before October 21st to ensure enrollment eligibility.						
<b>12555</b> 006 F2F	M-W----	05:00-08:00 PM	01/23/17-05/17/17	 OHEC 233	Benedict T	<b>Closed</b>
<i>Accelerating Opportunity KS</i> <i>Kansas Senate Bill SB 155</i> NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, Oct. 21st. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html">http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html</a> ) before Oct. 21st to ensure enrollment eligibility.						
<b>12556</b> 007 F2F	-T-R---	04:30-07:30 PM	01/24/17-05/18/17	 OHEC 241	Kuria J	<b>Closed</b>
<i>Accelerating Opportunity KS</i> <i>Kansas Senate Bill SB 155</i> NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, October 21st. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html">http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html</a> ) before October 21st to ensure enrollment eligibility.						
<b>12557</b> 008 F2F	-T-R---	05:00-08:00 PM	01/24/17-05/18/17	 OHEC 233	Brune M	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i> <i>Accelerating Opportunity KS</i> NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, October 21st. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html">http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html</a> ) before October 21st to ensure enrollment eligibility.						
<b>12561</b> 113 F2F	--WR---	08:30-03:30 PM	03/22/17-05/11/17	 OHEC 235	Horst K	<b>Closed</b>
<i>Accelerating Opportunity KS</i> <i>Kansas Senate Bill SB 155</i> NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, October 21st. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html">http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html</a> ) before October 21st to ensure enrollment eligibility.						
<b>12564</b> 376 HYB	--W----	08:30-03:30 PM	01/18/17-03/08/17	 OHEC 231	Kobularcik L	<b>Closed</b>
	-----	-	01/18/17-03/08/17	<b>Online</b>		
<i>Mandatory Classroom Meetings</i> <i>Accelerating Opportunity KS</i> <i>Kansas Senate Bill SB 155</i> NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, October 21st. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html">http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html</a> ) before October 21st to ensure enrollment eligibility.						
<b>12567</b> 379 HYB	M-----	08:30-03:30 PM	03/20/17-05/08/17	 OHEC 241	Schaffer B	<b>Closed</b>
	-----	-	03/20/17-05/08/17	<b>Online</b>		
<i>Accelerating Opportunity KS</i> <i>Mandatory Classroom Meetings</i> <i>Kansas Senate Bill SB 155</i> NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, October 21st. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html">http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html</a> ) before October 21st to ensure enrollment eligibility.						
<b>12568</b> 380 HYB	--W----	08:00-03:00 PM	03/29/17-05/17/17	 OHEC 241	Reischman C	<b>Closed</b>
	-----	-	03/29/17-05/17/17	<b>Online</b>		
<i>Kansas Senate Bill SB 155</i> <i>Accelerating Opportunity KS</i> <i>Mandatory Classroom Meetings</i> NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, October 21st. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html">http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html</a> ) before October 21st to ensure enrollment eligibility.						
<b>12569</b> 381 HYB	--W----	08:30-03:30 PM	03/29/17-05/17/17	 OHEC 231	Kobularcik L	<b>Closed</b>
	-----	-	03/29/17-05/17/17	<b>Online</b>		
<i>Accelerating Opportunity KS</i> <i>Kansas Senate Bill SB 155</i> <i>Mandatory Classroom Meetings</i> NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, October 21st. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html">http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html</a> ) before October 21st to ensure enrollment eligibility.						

## 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>).

**Credit Hours:** 1

**Prerequisite:** Kansas CNA Certification

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12558 009 F2F	-T-----	09:00-04:30 PM	02/21/17-03/07/17	OHEC 235	Waechter J	Closed
12563 115 F2F	-----S-	09:00-04:30 PM	04/08/17-04/22/17	OHEC 231	Waechter J	Closed

### 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.

**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
12577 002 F2F	-T-R---	08:30-02:30 PM	01/17/17-03/09/17	OHEC 231	Schaffer B	Closed
<i>Kansas Senate Bill SB 155</i>						
12578 003 F2F	-T-RF--	05:00-09:00 PM	03/28/17-05/19/17	OHEC 235	Benedict T	Closed
<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](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>).

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
12559 110 F2F	-----S-	09:00-04:30 PM	04/01/17-04/08/17	OHEC 241	Wiley K	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10566 350 ONLINE	-----	-	01/17/17-05/19/17	Online	Markley L	Closed
Note: Students requiring a nutrition class for a BSN nursing degree or allied health must take BIOL 235, not BIOL 110.						
13020 351 ONLINE	-----	-	01/30/17-05/19/17	Online	Markley L	Closed

## BIOL 115 - Natural History of Kansas

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

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/biol/#BIOL\\_115\)](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10568 350 ONLINE	-----	-	01/17/17-05/19/17	Online	Williams D	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10570 001 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	CLB 316	Finch D	Closed
	Lab ---F--	09:00-10:50 AM	01/20/17-05/19/17	SCI 207		
10572 002 F2F	Lab -T-----	09:00-10:50 AM	01/17/17-05/19/17	SCI 207	Loring D	Closed
	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CLB 316		
10573 003 F2F	Lab -T-----	09:30-11:20 AM	01/17/17-05/19/17	SCI 203	Vickers J	Closed
	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CLB 314		
10575 004 F2F	Lab -T-----	12:00-01:50 PM	01/17/17-05/19/17	SCI 203	Vickers J	Closed
	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CLB 314		
10576 005 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CLB 316	Loring D	Closed
	Lab ---F--	11:00-12:50 PM	01/20/17-05/19/17	SCI 207		
10577 006 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	CLB 316	Chappell A	Closed
	Lab M-----	02:00-03:50 PM	01/23/17-05/19/17	SCI 203		
10578 007 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	CLB 314	Vickers J	Closed
	Lab ---R---	09:30-11:20 AM	01/19/17-05/19/17	SCI 207		
10580 008 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	CLB 314	Vickers J	Closed
	Lab ---R---	12:00-01:50 PM	01/19/17-05/19/17	SCI 207		
10582 009 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	CLB 316	Sherry R	Closed
	Lab --W----	02:00-03:50 PM	01/18/17-05/19/17	SCI 207		
10583 010 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CLB 314	Weigand K	Closed
	Lab -T-----	01:00-02:50 PM	01/17/17-05/19/17	SCI 207		

CRN	Days	Time	Date	Location	Instructor	Seats Open
10584 011 F2F	-T-R--	11:00-12:15 PM	01/17/17-05/19/17	CLB 316	Mozingo L El Mellouki T	Closed
	Lab -T-----	02:00-03:50 PM	01/17/17-05/19/17	SCI 203		
10585 012 F2F	-T-R--	11:00-12:15 PM	01/17/17-05/19/17	CLB 314	Loring D	Closed
	Lab ---R---	09:00-10:50 AM	01/19/17-05/19/17	SCI 203		
10586 013 F2F	-T-R--	12:30-01:45 PM	01/17/17-05/19/17	CLB 314	Loring D	Closed
	Lab --W----	11:00-12:50 PM	01/18/17-05/19/17	SCI 203		
10587 050 F2F	Lab --W----	06:00-07:50 PM	01/18/17-05/19/17	SCI 207	Daggett M	Closed
	M-----	06:00-08:50 PM	01/23/17-05/19/17	CLB 314		
10588 051 F2F	-T-----	07:00-09:50 PM	01/17/17-05/19/17	CLB 314	Gargesh R	Closed
	Lab ---R---	06:00-07:50 PM	01/19/17-05/19/17	SCI 207		
10589 380 HYB	Lab -T-----	06:00-07:50 PM	01/17/17-05/19/17	SCI 207	Decelles P	Closed
	-----	-	01/17/17-05/19/17	Online		
<i>Mandatory Classroom Meetings</i>						
Note: Labs for this course are mandatory.						
10590 381 HYB	Lab -T-----	03:00-04:50 PM	01/17/17-05/19/17	SCI 207	Decelles P	Closed
	-----	-	01/17/17-05/19/17	Online		
<i>Mandatory Classroom Meetings</i>						
Note: Labs for this course are mandatory.						
10591 382 HYB	-----	-	01/30/17-05/19/17	Online	Stawinski S	Closed
	Lab ----S-	01:00-04:50 PM	02/04/17-02/04/17	SCI 207		
	Lab ----S-	01:00-02:50 PM	02/11/17-05/19/17	SCI 207		
<i>Mandatory Classroom Meetings</i>						
Note: This is a late start course. Labs for this course 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](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_124))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10211 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Gargesh R	Closed

Note: Please log in to Desire2Learn (D2L) to access this class. Please note exams are taken on campus at the JCCC testing center or an approved testing lab.

## 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](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10212 001 F2F	M-W-F--	01:00-03:20 PM	01/18/17-05/19/17	CLB 407	Giambrone S	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_127))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10213 001 F2F	M-W-F--	08:00-10:20 AM	01/18/17-05/19/17	CLB 407	Decelles P	Closed
10214 002 F2F	-T-R---	12:30-03:50 PM	01/17/17-05/19/17	CLB 407	Holcroft Benson N	Closed
10215 050 F2F	-T-R---	06:00-09:20 PM	01/17/17-05/19/17	CLB 407	Holcroft Benson N	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10216 001 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	GP 101	Layne R	Closed
10217 002 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	GP 101	Layne R	Closed
10218 003 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	GP 102	Menzel J	Closed
10219 004 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	SCI 118	Menzel J	Closed
10220 005 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	SCI 118	Menzel J	Closed
11224 006 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	SCI 118	Menzel J	Closed
10221 007 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	GP 101	Menzel J	Closed
10222 008 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	GP 101	Menzel J	Closed
10223 009 F2F	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	SCI 118	Menzel J	Closed
12652 010 F2F	M-W----	04:00-05:15 PM	01/18/17-05/19/17	SCI 120	Oden J	Closed
10224 051 F2F	---R---	06:00-08:50 PM	01/19/17-05/19/17	SCI 118	Masterson C	Closed
10226 090 F2F	M-----	06:00-08:59 PM	01/30/17-05/19/17	SCI 118	Powell S	Closed

Note: This is a late start course.

10227 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Follo J	Closed
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Note: This class requires a short term service learning project. All assignments and exams are accessed online and have specific due dates. This is not a self-paced course. Please refer to the syllabus and schedule for exact dates. A digital camera and the ability to upload photos is a requirement.

10228 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Follo J	Closed
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Note: This class requires a short term service learning project. All assignments and exams are accessed online and have specific due dates. This is not a self-paced course. Please refer to the syllabus and schedule for exact dates. A digital camera and the ability to upload photos is a requirement.

10229 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Powell S	Closed
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Note: All assignments are submitted online. This is not a self-paced course.

10231 353 ONLNE	-----	-	01/17/17-03/12/17	Online	Williams D	Closed
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Note: 8-week, accelerated course. All assignments are submitted online. This is not a self-paced course.

10232 354 ONLNE	-----	-	03/20/17-05/14/17	Online	Williams D	Closed
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Note: 8-week, accelerated course. All assignments are submitted online. This is not a self-paced course.

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10233 001 F2F	Lab M-----	11:00-12:50 PM	01/23/17-05/19/17	CLB 303	Masterson C	Closed
Note: This class has 3-4 off-campus class meetings, held during the scheduled class time. Students will need to sign a hold-harmless agreement and will need to provide their own transportation to the location. Detailed information regarding locations and meeting dates will be provided at the first class meeting.						
10234 002 F2F	Lab M-----	02:00-03:50 PM	01/23/17-05/19/17	CLB 303	Masterson C	Closed
Note: This class has 3-4 off-campus class meetings, held during the scheduled class time. Students will need to sign a hold-harmless agreement and will need to provide their own transportation to the location. Detailed information regarding locations and meeting dates will be provided at the first class meeting.						
10235 003 F2F	Lab -T-----	09:00-10:50 AM	01/17/17-05/19/17	CLB 303	Layne R	Closed
Note: This class has 3-4 off-campus class meetings, held during the scheduled class time. Students will need to sign a hold-harmless agreement and will need to provide their own transportation to the location. Detailed information regarding locations and meeting dates will be provided at the first class meeting.						
10236 004 F2F	Lab --W----	09:00-10:50 AM	01/18/17-05/19/17	CLB 303	Witters L	Closed
Note: This class has 3-4 off-campus class meetings, held during the scheduled class time. Students will need to sign a hold-harmless agreement and will need to provide their own transportation to the location. Detailed information regarding locations and meeting dates will be provided at the first class meeting.						
10238 005 F2F	Lab --W----	11:00-12:50 PM	01/18/17-05/19/17	CLB 303	Witters L	Closed
Note: This class has 3-4 off-campus class meetings, held during the scheduled class time. Students will need to sign a hold-harmless agreement and will need to provide their own transportation to the location. Detailed information regarding locations and meeting dates will be provided at the first class meeting.						
10239 006 F2F	Lab ---R---	11:00-12:50 PM	01/19/17-05/19/17	CLB 303	Layne R	Closed
Note: This class has 3-4 off-campus class meetings, held during the scheduled class time. Students will need to sign a hold-harmless agreement and will need to provide their own transportation to the location. Detailed information regarding locations and meeting dates will be provided at the first class meeting.						
12653 050 F2F	Lab --W----	05:30-07:20 PM	01/18/17-05/19/17	CLB 303	Powell S	Closed
10240 350 ONLNE	Lab -----	-	01/17/17-05/19/17	Online	Follo J	Closed
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: All lab assignments and exams are submitted online. Students do not need to purchase the lab manual. A digital camera and the ability to upload photos to the online learning management system is a requirement. There are weekly labs with some labs requiring students to visit local areas to assess flora and fauna.						

10242 351 ONLNE	Lab -----	-	01/17/17-05/19/17	Online	Follo J	Closed
Note: All lab assignments and exams are submitted online. Students do not need to purchase the lab manual. A digital camera and the ability to upload photos to the online learning management system is a requirement. There are weekly labs with some labs requiring students to visit local areas to assess flora and fauna.						
10243 352 ONLNE	Lab -----	-	01/17/17-05/19/17	Online	Oden J	Closed
Note: This online lab will require students have a computer and internet access. This online lab requires access to a camera and the ability to upload photos to the online learning management system. There is a lab every week with some of the labs requiring students go to local areas to assess flora and fauna. The lab exams are given online.						

## BIOL 132 - Introduction to Public Health

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

**Credit Hours:** 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12217 001 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	SCI 218	Lambart L	Closed
10245 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Mulcahy E	Closed
Note: All assignments and exams are submitted online. Students are required to complete online orientation.						
10246 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Mulcahy E	Closed
Note: All assignments and exams are submitted online. Students are required to complete online orientation.						

## BIOL 135 - Principles of Cell and Molecular Biology

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

**Credit Hours: 4**

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10592 001 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	RC 370	Lasley L	Closed
	Lab --W----	09:00-10:50 AM	01/18/17-05/19/17	RC 345		
10594 002 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	RC 370	Giambrone S	Closed
	Lab M-----	10:00-11:50 AM	01/23/17-05/19/17	RC 345		
10593 003 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	RC 370	Mozingo L	Closed
	Lab M-----	08:00-09:50 AM	01/23/17-05/19/17	RC 345		
10595 004 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	RC 370	Mozingo L	Closed
	Lab M-----	02:00-03:50 PM	01/23/17-05/19/17	RC 345		
10596 005 F2F	-T-R--	09:30-10:45 AM	01/17/17-05/19/17	RC 370	Giambrone S	Closed
	Lab ---R---	11:00-12:50 PM	01/19/17-05/19/17	RC 345		
10597 006 F2F	-T-R--	12:30-01:45 PM	01/17/17-05/19/17	RC 370	Chappell A	Closed
	Lab -T-----	02:00-03:50 PM	01/17/17-05/19/17	RC 345		
10598 050 F2F	-T-----	06:00-06:50 PM	01/17/17-05/19/17	RC 370	Arico J	Closed
	Lab -T-----	07:00-08:50 PM	01/17/17-05/19/17	RC 345		
	---R---	06:00-07:50 PM	01/19/17-05/19/17	RC 370		
10599 380 HYB	Lab -T-----	04:00-05:50 PM	01/17/17-05/19/17	RC 345	Harmon M	Closed
	-----	-	01/17/17-05/19/17	Online		

*Mandatory Classroom Meetings*

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

10600 381 HYB	-----	-	01/17/17-05/19/17	Online	Harmon M	Closed
	Lab ----F--	09:00-12:50 PM	01/20/17-01/20/17	RC 345		
Lab ----F--	09:00-12:50 PM	02/03/17-02/03/17	RC 345			
Lab ----F--	09:00-12:50 PM	02/17/17-02/17/17	RC 345			
Lab ----F--	09:00-12:50 PM	03/03/17-03/03/17	RC 345			
Lab ----F--	09:00-12:50 PM	03/31/17-03/31/17	RC 345			
Lab ----F--	09:00-12:50 PM	04/14/17-04/14/17	RC 345			
Lab ----F--	09:00-12:50 PM	04/28/17-04/28/17	RC 345			
Lab ----F--	09:00-12:50 PM	05/12/17-05/12/17	RC 345			

*Mandatory Classroom Meetings*

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

10601 382 HYB	-----	-	01/17/17-03/12/17	Online	Harmon M	Closed
	Lab --W----	04:00-07:50 PM	01/18/17-03/12/17	RC 345		

*Mandatory Classroom Meetings*

Note: This is an accelerated 8-week course. Laboratory sessions are mandatory. The lecture for this section will be conducted online. Exams will be taken in the Testing Center on the JCCC campus. 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
10602 001 F2F	M-W-F--	08:00-09:50 AM	01/18/17-05/19/17	CLB 313	LaBarge M	Closed



CRN	Days	Time	Date	Location	Instructor	Seats Open
10603 002 F2F	M-W-F--	10:00-11:50 AM	01/18/17-05/19/17	CLB 313	LaBarge M	Closed
10604 003 F2F	M-W-F--	01:00-02:50 PM	01/18/17-05/19/17	CLB 313	LaBarge M	Closed
10605 004 F2F	M-W-F--	03:00-04:50 PM	01/18/17-05/19/17	CLB 313	Johnson J	Closed
10607 006 F2F	M-W----	10:00-12:45 PM	01/18/17-05/19/17	CLB 309	Makarov A	Closed
10608 007 F2F	M-W----	01:00-03:45 PM	01/18/17-05/19/17	CLB 309	Makarov A	Closed
10609 008 F2F	-T-R--	09:30-12:15 PM	01/17/17-05/19/17	CLB 313	Makarov A	Closed
10610 009 F2F	-T-R--	12:30-03:15 PM	01/17/17-05/19/17	CLB 313	Makarov A	Closed
10611 010 F2F	-T-R--	11:00-01:45 PM	01/17/17-05/19/17	CLB 309	Blodig J	Closed
10612 011 F2F	-T-R--	02:00-04:45 PM	01/17/17-05/19/17	CLB 309	Brown S	Closed
10613 050 F2F	M-W----	06:00-08:45 PM	01/18/17-05/19/17	CLB 309	Shin C	Closed
10614 051 F2F	-T-R--	06:00-08:45 PM	01/17/17-05/19/17	CLB 309	Schmerge J	Closed
10615 090 F2F	-T-R--	07:30-10:29 AM	01/31/17-05/19/17	CLB 309	Brown S	Closed
Note: This is a late start course.						
10616 200 F2F	M-W-F--	09:00-10:50 AM	01/18/17-05/19/17	 OHEC 107	Sherry R	Closed
10869 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Blodig J	Closed
Note: All quizzes and exams are accessed online and have specific due dates.						
10870 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Blodig J	Closed
Note: All quizzes and exams are accessed online and have specific due dates.						
12012 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Lasley L	Closed
Note: All quizzes and exams are accessed online and have specific due dates.						




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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10619 001 F2F	M-W-F--	07:00-09:20 AM	01/18/17-05/19/17	SCI 103	Clark M	Closed
10620 002 F2F	M-W-F--	09:30-11:50 AM	01/18/17-05/19/17	SCI 103	Wright G	Closed
10621 003 F2F	M-W----	01:30-04:50 PM	01/18/17-05/19/17	SCI 103	Chorn J	Closed
10622 004 F2F	-T-R--	07:30-10:50 AM	01/17/17-05/19/17	SCI 103	Chorn J	Closed
10623 005 F2F	-T-R--	11:00-02:20 PM	01/17/17-05/19/17	SCI 103	Baumgardner B	Closed
10624 006 F2F	-T-R--	02:30-05:50 PM	01/17/17-05/19/17	SCI 103	Shopper M	Closed
10625 050 F2F	M-W----	06:00-09:20 PM	01/18/17-05/19/17	SCI 103	Chorn J	Closed
10626 051 F2F	-T-R--	06:00-09:20 PM	01/17/17-05/19/17	CLB 313	Watkins L	Closed
10627 200 F2F	M-W----	01:00-04:20 PM	01/18/17-05/19/17	 OHEC 107	Schulstrom C	Closed
10628 201 F2F	-T-R--	08:00-11:20 AM	01/17/17-05/19/17	 OHEC 107	Wright G	Closed
10629 202 F2F	-T-R--	01:00-04:20 PM	01/17/17-05/19/17	 OHEC 107	Rupp P	Closed
10630 380 HYB	-----	-	01/17/17-05/19/17	Online	Baumgardner B	Closed
	Lab -T-----	06:00-09:50 PM	01/24/17-01/24/17	SCI 103		

CRN	Days	Time	Date	Location	Instructor	Seats Open
	Lab -T-----	06:00-09:50 PM	02/07/17-02/07/17	SCI 103		
	Lab -T-----	06:00-09:50 PM	02/21/17-02/21/17	SCI 103		
	Lab -T-----	06:00-09:50 PM	03/07/17-03/07/17	SCI 103		
	Lab -T-----	06:00-09:50 PM	03/28/17-03/28/17	SCI 103		
	Lab -T-----	06:00-09:50 PM	04/11/17-04/11/17	SCI 103		
	Lab -T-----	06:00-09:50 PM	04/25/17-04/25/17	SCI 103		
	Lab -T-----	06:00-09:50 PM	05/09/17-05/09/17	SCI 103		

*Mandatory Classroom Meetings*

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

<b>10631</b>	381 HYB	-----	-	01/17/17-05/19/17	Online	Shopper M	Closed
	Lab ---R---	06:00-09:50 PM	01/26/17-01/26/17	SCI 103			
	Lab ---R---	06:00-09:50 PM	02/09/17-02/09/17	SCI 103			
	Lab ---R---	06:00-09:50 PM	02/23/17-02/23/17	SCI 103			
	Lab ---R---	06:00-09:50 PM	03/09/17-03/09/17	SCI 103			
	Lab ---R---	06:00-09:50 PM	03/30/17-03/30/17	SCI 103			
	Lab ---R---	06:00-09:50 PM	04/13/17-04/13/17	SCI 103			
	Lab ---R---	06:00-09:50 PM	04/27/17-04/27/17	SCI 103			
	Lab ---R---	06:00-09:50 PM	05/11/17-05/11/17	SCI 103			

*Mandatory Classroom Meetings*

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

<b>10632</b>	384 HYB	-----	-	01/30/17-05/19/17	Online	Baumgardner B	Closed
	Lab -T-----	06:00-09:50 PM	01/31/17-01/31/17	SCI 103			
	Lab -T-----	06:00-09:50 PM	02/14/17-02/14/17	SCI 103			
	Lab -T-----	06:00-09:50 PM	02/28/17-02/28/17	SCI 103			
	Lab -T-----	06:00-09:50 PM	03/21/17-03/21/17	SCI 103			
	Lab -T-----	06:00-09:50 PM	04/04/17-04/04/17	SCI 103			
	Lab -T-----	06:00-09:50 PM	04/18/17-04/18/17	SCI 103			
	Lab -T-----	06:00-09:50 PM	05/02/17-05/02/17	SCI 103			
	Lab -T-----	06:00-09:50 PM	05/16/17-05/16/17	SCI 103			

*Mandatory Classroom Meetings*

Note: This is a late start course. Labs are mandatory. All lab exams are taken in class.

<b>10656</b>	385 HYB	-----	-	01/17/17-05/19/17	Online	Shopper M	Closed
	Lab ---R---	06:00-09:50 PM	02/02/17-02/02/17	SCI 103			
	Lab ---R---	06:00-09:50 PM	02/16/17-02/16/17	SCI 103			
	Lab ---R---	06:00-09:50 PM	03/02/17-03/02/17	SCI 103			
	Lab ---R---	06:00-09:50 PM	03/23/17-03/23/17	SCI 103			
	Lab ---R---	06:00-09:50 PM	04/06/17-04/06/17	SCI 103			
	Lab ---R---	06:00-09:50 PM	04/20/17-04/20/17	SCI 103			
	Lab ---R---	06:00-09:50 PM	05/04/17-05/04/17	SCI 103			
	Lab ---R---	06:00-09:50 PM	05/18/17-05/18/17	SCI 103			

*Mandatory Classroom Meetings*

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](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10633 001 F2F	Lab -T-----	04:00-05:50 PM	01/17/17-05/19/17	CLB 407	Witters L	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10634 001 F2F	-T-R---	08:00-11:20 AM	01/17/17-05/19/17	CLB 407	Witters L	Closed
10635 050 F2F	M-W----	06:00-09:20 PM	01/18/17-05/19/17	CLB 407	Holcroft Benson N	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10636 001 F2F	M-W----	11:00-12:15 PM	01/18/17-05/19/17	RC 370	Decelles P	Closed
	Lab --W----	12:30-03:20 PM	01/18/17-05/19/17	RC 345		

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10639 001 F2F	M-W-F--	10:00-11:50 AM	01/18/17-05/19/17	SCI 111	Thurlby K	Closed
10640 002 F2F	M-W-F--	12:00-01:50 PM	01/18/17-05/19/17	SCI 111	Wright G	Closed
10641 003 F2F	M-W-F--	02:00-03:50 PM	01/18/17-05/19/17	SCI 111	Andrews C	Closed
10642 004 F2F	-T-R---	08:00-10:45 AM	01/17/17-05/19/17	SCI 111	Thurlby K	Closed
10643 005 F2F	-T-R---	02:00-04:45 PM	01/17/17-05/19/17	SCI 111	Watkins L	Closed
10644 050 F2F	M-W----	06:00-08:45 PM	01/18/17-05/19/17	SCI 111	Bishop D	Closed
10645 051 F2F	-T-R---	06:00-08:45 PM	01/17/17-05/19/17	SCI 111	Bishop D	Closed
10646 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Osterhaus G	Closed

Note: Exams are taken on campus in the JCCC Testing center or at an approved, proctored testing site. All work is computer based and will be completed online.

10647 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Osterhaus G	Closed
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Note: Exams are taken on campus in the JCCC Testing center or at an approved, proctored testing site. All work is computer based and will be completed online.

10648 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Sullivan C	Closed
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Note: Exams are taken on campus in the JCCC Testing center or at an approved, proctored testing site. All work is computer based and will be completed online.

CRN	Days	Time	Date	Location	Instructor	Seats Open
10649 353 ONLNE	-----	-	01/17/17-05/19/17	Online	Sullivan C	Closed

Note: Exams are taken on campus in the JCCC Testing center or at an approved, proctored testing site. All work is computer based and will be completed online.

## BIOL 227 - Human Pathophysiology

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

**Credit Hours:** 4

**Prerequisite:** BIOL 144 or BIOL 225

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10650 001 F2F	-T-R---	11:00-12:50 PM	01/17/17-05/19/17	SCI 111	Menon Parker J	Closed
10654 002 F2F	M-W----	02:00-03:50 PM	01/18/17-05/19/17	GEB 217	Menon Parker J	Closed

10651 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Clark M	Closed
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Note: Tests will be taken on campus at the JCCC Testing Center or at an approved, proctored testing site.

10652 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Clark M	Closed
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Note: Tests will be taken on campus at the JCCC Testing Center or at an approved, proctored testing site.

10653 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Clark M	Closed
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Note: Tests will be taken on campus at the JCCC Testing Center or at an approved, proctored testing site.

10655 353 ONLNE	-----	-	01/17/17-05/19/17	Online	Olsen R	Closed
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Note: Tests will be taken on campus at the JCCC Testing Center or at an approved, proctored testing site.

12593 354 ONLNE	-----	-	01/17/17-05/19/17	Online	Wolfgram L	Closed
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Note: Tests will be taken on campus at the JCCC Testing Center or at an approved, proctored testing site.

12770 355 ONLNE	-----	-	01/17/17-05/19/17	Online	Stawinski S	Closed
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## BIOL 230 - Microbiology

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

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

**Credit Hours:** 3

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10494 002 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	SCI 116	Cunningham J	Closed
10495 003 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	SCI 116	Cunningham J	Closed
10496 004 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	SCI 116	Cunningham J	Closed
10497 005 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	SCI 116	Seitz H	Closed
10498 006 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	SCI 116	Seitz H	Closed
10499 007 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	SCI 116	Weigand K	Closed
10500 050 F2F	M-W----	06:00-07:15 PM	01/18/17-05/19/17	SCI 116	Oden J	Closed
10501 051 F2F	-T-R---	06:00-07:15 PM	01/17/17-05/19/17	SCI 116	Cunningham J El Mellouki T	Closed
10502 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Wolfgram L	Closed

Note: Exams will be taken at the JCCC Testing Center or at an approved, proctored testing center. Students are required to complete online orientation.

CRN	Days	Time	Date	Location	Instructor	Seats Open
10503 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Seitz H	Closed
Note: Exams will be taken at the JCCC Testing Center or at an approved, proctored testing center. Students are required to complete online orientation.						
10504 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Seitz H	Closed
Note: Exams will be taken at the JCCC Testing Center or at an approved, proctored testing center. Students are required to complete online orientation.						
10505 353 ONLNE	-----	-	01/30/17-05/19/17	Online	Wolfgram L	Closed
Note: This is a late start course. Exams will be taken at the JCCC Testing Center or at an approved, proctored testing center. 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](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10508 001 F2F	Lab M-W----	08:00-09:50 AM	01/18/17-05/19/17	SCI 113	Hontz J	Closed
10509 002 F2F	Lab M-W----	10:00-11:50 AM	01/18/17-05/19/17	SCI 113	Wolfgram L	Closed
10511 003 F2F	Lab M-W----	12:00-01:50 PM	01/18/17-05/19/17	SCI 113	Wolfgram L	Closed
10514 006 F2F	Lab -T-R---	10:00-11:50 AM	01/17/17-05/19/17	SCI 113	Cunningham J	Closed
10516 007 F2F	Lab -T-R---	12:00-01:50 PM	01/17/17-05/19/17	SCI 113	Seitz H	Closed
10517 008 F2F	Lab -T-R---	02:00-03:50 PM	01/17/17-05/19/17	SCI 113	Seitz H	Closed
10518 009 F2F	Lab -----S-	09:00-12:50 PM	01/21/17-05/19/17	SCI 113	Ducote M	Closed
10519 050 F2F	Lab M-W----	07:30-09:20 PM	01/18/17-05/19/17	SCI 113	Oden J	Closed
10521 051 F2F	Lab -T-R---	07:30-09:20 PM	01/17/17-05/19/17	SCI 113	Cunningham J El Mellouki T	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10522 001 F2F	-T-R---	11:00-12:20 PM	01/17/17-05/19/17	SCI 124	Able B	Closed
10523 051 F2F	--W----	06:00-08:50 PM	01/18/17-05/19/17	CLB 314	Shetty P	Closed
10524 200 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	OHEC 105	Able B	Closed
10527 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Berry S	Closed
10528 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Berry S	Closed
10529 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Berry S	Closed
10531 353 ONLNE	-----	-	01/17/17-05/19/17	Online	Shetty P	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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## 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](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10532 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Clark M	Closed

*Kansas Senate Bill SB 155*

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

## Biotechnology

### 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 require a grade of "C" or higher.)

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10533 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Wolfgram L	Closed

*Kansas Senate Bill SB 155*

### BIOT 165 - Laboratory Safety

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

**Credit Hours:** 1

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10534 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Wolfgram L	Closed

*Kansas Senate Bill SB 155*

### BIOT 260 - Biotechnology Methods

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

**Credit Hours:** 5

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

Outline ([http://catalog.jccc.edu/coursedescriptions/biot/#BIOT\\_260](http://catalog.jccc.edu/coursedescriptions/biot/#BIOT_260))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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<b>10536</b> 001 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	RC 370	Harmon M	<b>Closed</b>
	<b>Lab</b> -T-R---	12:30-03:20 PM	01/17/17-05/19/17	RC 372		

Kansas Senate Bill SB 155

## BIOT 265 - Biotechnology Internship

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

**Credit Hours:** 4

**Prerequisites:** BIOT 260 and BIOT 160 and BIOT 165 and department approval (All prerequisites require a grade of "C" or higher.)

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>10538</b> 500 INT	-----	-	01/17/17-05/19/17		Wolfgram L	9 of 10

Kansas Senate Bill SB 155

Requirement: Department approval

## Business Office Technology

### BOT 101 - Computerized Keyboarding

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

**Credit Hours:** 1

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>10102</b> 001 F2F	-T-R---	12:30-01:45 PM	04/11/17-05/11/17	GEB 351B	Hedberg M	<b>Closed</b>
<b>10128</b> 002 F2F	M-----	06:00-08:40 PM	04/10/17-05/14/17	GEB 351B	Tatum D	<b>Closed</b>
<b>10129</b> 350 ONLNE	-----	-	01/23/17-02/22/17	Online	Hedberg M	<b>Closed</b>
	--W----	03:00-03:50 PM	02/22/17-02/22/17	GEB 353B		
	--W----	05:00-05:50 PM	02/22/17-02/22/17	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, Feb 22nd, 2017 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](http://catalog.jccc.edu/coursedescriptions/bot/#BOT_103))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>10131</b> 002 F2F	-T-----	06:00-08:40 PM	01/17/17-05/19/17	GEB 353A	Leiker C	<b>Closed</b>

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10132 001 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	GEB 353A	Hedberg M	Closed
Note: Required Software for this course is not compatible with Macintosh computers unless it is partitioned to run Windows(PC).						
10133 002 F2F	M-W----	11:00-12:15 PM	01/18/17-05/19/17	GEB 353A	Hedberg M	Closed
Note: Required Software for this course is not compatible with Macintosh computers unless it is partitioned to run Windows(PC).						
10134 003 F2F	--R---	06:00-08:40 PM	01/19/17-05/19/17	GEB 353B	Horne S	Closed
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](http://catalog.jccc.edu/coursedescriptions/bot/#BOT_106))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10135 001 F2F	M-W----	09:30-10:45 AM	01/18/17-05/19/17	GEB 353B	Leiker C	Closed
10136 960 F2F	--W----	06:00-08:40 PM	01/18/17-05/19/17	GEB 353B	Jarvis B	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/bot/#BOT_110))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10137 001 F2F	-T-----	09:30-10:45 AM	01/24/17-04/04/17	GEB 351B	Leiker C	Closed
10138 002 F2F	---R---	06:00-08:40 PM	04/13/17-05/11/17	GEB 353A	McPhee J	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10139 001 F2F	M-W----	01:00-02:15 PM	04/10/17-05/10/17	GEB 351B	Leiker C	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10141 001 F2F	-T-----	09:30-10:45 AM	01/24/17-04/04/17	GEB 351B	Leiker C	Closed
10142 002 F2F	---R---	06:00-08:40 PM	04/13/17-05/11/17	GEB 353A	McPhee J	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10143 001 F2F	---R---	06:00-08:40 PM	04/13/17-05/11/17	GEB 351B	Byfield T	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10144 001 F2F	-T-R---	09:30-10:45 AM	04/11/17-05/11/17	GEB 351B	Leiker C	Closed
11218 002 F2F	--W----	06:00-08:40 PM	04/12/17-05/10/17	GEB 351B	Hair J	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10145 001 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	GEB 351B	Leiker C	Closed

*Kansas Senate Bill SB 155*

## BOT 141 - Electronic Health Records

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

**Credit Hours:** 3

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10146 001 F2F	M-W----	01:00-02:15 PM	01/18/17-05/19/17	GEB 353A	Wessel C	Closed

Kansas Senate Bill SB 155

## BOT 142 - Legal and Ethical Issues in Healthcare

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

**Credit Hours:** 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
11235 350 ONLINE	-----	-	01/17/17-05/19/17	Online	King C	Closed
11236 351 ONLINE	-----	-	01/17/17-05/19/17	Online	King C	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/bot/#BOT_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10147 001 F2F	M-----	06:00-08:50 PM	01/23/17-05/19/17	GEB 353A	Berg J	Closed

Kansas Senate Bill SB 155

## BOT 155 - Word Processing Application I

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

**Credit Hours:** 2

**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
10148 001 F2F	M-W----	11:00-12:15 PM	01/23/17-04/05/17	GEB 353B	Leiker C	Closed
10149 002 F2F	--W----	06:00-08:40 PM	01/25/17-04/05/17	GEB 351B	Byfield T	Closed

## BOT 170 - Medical Coding and Billing

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

**Credit Hours:** 3

**Prerequisite:** HC 130

Outline ([http://catalog.jccc.edu/coursedescriptions/bot/#BOT\\_170](http://catalog.jccc.edu/coursedescriptions/bot/#BOT_170))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10150 001 F2F	M-----	06:00-08:50 PM	01/23/17-05/19/17	GEB 353B	Wessel C	Closed

Kansas Senate Bill SB 155

## BOT 180 - Business Spreadsheet Applications

Upon successful completion of this course, the student should be able to demonstrate competencies in using advanced formatting techniques, advanced features and advanced functions of Microsoft Excel. The following topics will be covered: working with templates, workbooks and lists; using Excel's analysis tools; managing and auditing worksheets; collaborating with workgroups; creating and editing macros; and importing and exporting data. 1 hr. lecture/wk.

**Credit Hours:** 1

**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
10151 001 F2F	---R---	06:00-07:15 PM	01/26/17-04/06/17	GEB 351B	Johnstone B	Closed

## 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
11234 001 F2F	---R---	09:30-10:45 AM	01/26/17-04/06/17	GEB 351B	Leiker C	Closed

Kansas Senate Bill SB 155

## BOT 205 - Professional Image Development

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

**Credit Hours:** 1

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10152 001 F2F	-T-R---	11:00-12:15 PM	04/11/17-05/11/17	GEB 353A	Hedberg M	Closed

## 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
10153 001 F2F	-T-R---	11:00-12:15 PM	01/24/17-04/06/17	GEB 353B	Hedberg M	Closed

## BOT 265 - Computerized Office Applications

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

**Credit Hours:** 3

**Associated Costs:** \$10-\$15

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

[Outline \(http://catalog.jccc.edu/coursedescriptions/bot/#BOT\\_265\)](http://catalog.jccc.edu/coursedescriptions/bot/#BOT_265)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10154 001 F2F	-T-----	06:00-08:40 PM	01/17/17-05/19/17	GEB 351B	Johnstone B	Closed

## 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
10155 500 INT	-----	-	01/17/17-05/19/17		Hedberg M	6 of 18
	--W----	05:00-05:55 PM	01/18/17-01/18/17	GEB 353B		

*Kansas Senate Bill SB 155*

*Mandatory Classroom Meetings*

aNOTE: Required Internship meeting: Wednesday, January 18th from 5-5:55pm in GEB 353B.

## 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
10156 500 INT	-----	-	01/17/17-05/19/17		Hedberg M	15 of 18
	--W----	05:00-05:55 PM	01/18/17-01/18/17	GEB 353B		

*Kansas Senate Bill SB 155*

*Mandatory Classroom Meetings*

NOTE: Required Internship meeting: Wednesday, January 18th from 5-5:55pm in GEB 353B.

## Business

### 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
10187 001 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	GEB 258	Horner E	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Kansas Senate Bill SB 155</i>						
10188 002 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	GEB 258	Gallagher K	Closed
<i>Kansas Senate Bill SB 155</i>						
10189 003 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	GEB 258	Gallagher K	Closed
<i>Kansas Senate Bill SB 155</i>						
10190 004 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	PA 133	Horner E	Closed
<i>Kansas Senate Bill SB 155</i>						
10191 006 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	GEB 258	Nikravan S	Closed
<i>Kansas Senate Bill SB 155</i>						
10192 007 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	OCB 246	Gallagher K	Closed
<i>Kansas Senate Bill SB 155</i>						
10193 008 F2F	--W----	06:00-08:50 PM	01/25/17-05/19/17	OCB 142	Rasmussen L	Closed
<i>Kansas Senate Bill SB 155</i>						
10197 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Gallagher K	Closed
<i>Kansas Senate Bill SB 155</i>						
10198 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Noel M	Closed
<i>Kansas Senate Bill SB 155</i>						
10199 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Gallagher K	Closed
<i>Kansas Senate Bill SB 155</i>						
10200 353 ONLNE	-----	-	01/17/17-05/19/17	Online	Noel M	Closed
<i>Kansas Senate Bill SB 155</i>						
10201 354 ONLNE	-----	-	01/17/17-05/19/17	Online	Gallagher K	Closed
<i>Kansas Senate Bill SB 155</i>						
10196 355 ONLNE	-----	-	01/17/17-03/12/17	Online	Gallagher K	Closed
<i>Kansas Senate Bill SB 155</i>						

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

11017 356 ONLNE	-----	-	03/20/17-05/14/17	Online	Noel M	Closed
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*Kansas Senate Bill SB 155*

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](http://catalog.jccc.edu/coursedescriptions/bus/#BUS_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10202 001 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	GP 102	Forbes H	Closed
10203 002 F2F	M-----	06:00-08:50 PM	01/23/17-05/19/17	GEB 258	Lundeen S	Closed
13146 004 F2F	-T-R---	11:00-01:45 PM	03/21/17-05/11/17	RC 342	Begley J	Closed
12637 005 F2F	----F--	06:00-09:30 PM	04/07/17-05/05/17	RC 342	Mauppin S	Closed
	----S-	08:00-12:00 PM	04/08/17-05/06/17	RC 342		
Note: This weekend section of Personal Finance meets for five weekends - 5 Friday evenings from 6:00pm-9:30pm (4/7, 4/14, 4/21, 4/28 and 5/5) and 5 Saturdays from 8:00am - 12:00pm (4/8, 4/15, 4/22, 4/29 and 5/6). All classes will be held in RC 342.						
10206 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Hussein S	Closed
10207 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Noel M	Closed
10209 353 ONLNE	-----	-	01/17/17-05/19/17	Online	Noel M	Closed
10205 354 ONLNE	-----	-	01/17/17-03/12/17	Online	Noel M	Closed
Note: This section runs during the 1st 8-weeks of the semester on the dates shown above.						
10210 355 ONLNE	-----	-	03/20/17-05/14/17	Online	Hussein S	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
Note: This section runs during the 2nd 8 weeks of the semester on the dates shown above.						
11018 356 ONLNE	-----	-	03/20/17-05/14/17	Online	Noel M	Closed
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](http://catalog.jccc.edu/coursedescriptions/bus/#BUS_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10252 001 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	ITC 181	Webb F	Closed
10253 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Webb F	Closed
10254 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Webb F	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/bus/#BUS_141))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10255 001 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	LIB 353B	Ferguson G	Closed
<i>Kansas Senate Bill SB 155</i>						
10256 002 F2F	--W----	06:00-08:50 PM	01/18/17-05/19/17	OCB 246	Postlewait J	Closed
<i>Kansas Senate Bill SB 155</i>						
10257 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Webb F	Closed
<i>Kansas Senate Bill SB 155</i>						
10258 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Webb F	Closed
<i>Kansas Senate Bill SB 155</i>						
10259 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Webb F	Closed
<i>Kansas Senate Bill SB 155</i>						
10260 353 ONLNE	-----	-	03/27/17-05/19/17	Online	Webb F	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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
10261 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Kolich R	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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
10262 001 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	GEB 379	Anderson K	Closed
10264 003 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	GEB 379	Paldino L	Closed
10265 004 F2F	-T-----	06:00-08:50 PM	01/17/17-05/19/17	RC 342	Mauppin S	Closed
10266 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Gaines K	Closed
10267 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Gaines K	Closed
12641 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Haverty M	Closed
10268 353 ONLNE	-----	-	01/17/17-03/12/17	Online	Nikravan S	Closed
Note: This section runs during the 1st 8-weeks of the semester on the dates shown above.						
10269 354 ONLNE	-----	-	03/20/17-05/14/17	Online	Hughey K	Closed

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
10270 001 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	SCI 218	Duffey D	Closed

## 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
10271 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Begley J	Closed
<i>Kansas Senate Bill SB 155</i>						
Notes: All three exams will be administered in the JCCC Testing Center - SC 334. Exam 1 - Week of February 13-19, Exam 2 - Week of March 27-April 2, Exam 3 (Final) - Week of May 8-14.						
10272 351 ONLNE	-----	-	03/20/17-05/14/17	Online	Begley J	Closed

*Kansas Senate Bill SB 155*

Note: This section runs during the 2nd 8 weeks of the semester on the dates shown above. All Three exams will be administered in the JCCC Testing Center - SC 334. Exam 1 - Week of April 3-9, Exam 2 - Week of April 24-30, Exam 3 (Final) - Week of May 8-14.

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

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10273 001 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	GEB 254	Richards H	Closed
10274 002 F2F	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	GEB 258	Ferguson G	Closed
10276 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Korb J	Closed
10277 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Korb J	Closed
10278 352 ONLNE	-----	-	01/17/17-03/12/17	Online	Smith J	Closed
Note: This section runs during the 1st 8-weeks of the semester on the dates shown above.						
10279 353 ONLNE	-----	-	03/20/17-05/14/17	Online	Smith J	Closed
Note: This section runs during the 2nd 8 weeks of the semester on the dates shown above.						
10275 960 F2F	---R---	06:00-08:50 PM	01/19/17-05/19/17	GEB 258	Ferguson G	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10280 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Hussein S	Closed
<i>Kansas Senate Bill SB 155</i>						
10281 351 ONLNE	-----	-	03/20/17-05/14/17	Online	Hussein S	Closed
<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 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 \(http://catalog.jccc.edu/coursedescriptions/bus/#BUS\\_243\)](http://catalog.jccc.edu/coursedescriptions/bus/#BUS_243)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10282 001 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	OCB 142	Richards H	Closed
<i>Kansas Senate Bill SB 155</i>						
10283 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Hussein S	Closed
<i>Kansas Senate Bill SB 155</i>						
10284 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Hussein S	Closed
<i>Kansas Senate Bill SB 155</i>						
13025 352 ONLNE	-----	-	03/20/17-05/14/17	Online	Hussein S	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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
10285 001 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CC 229	Feagan C	Closed
<i>Kansas Senate Bill SB 155</i>						
10286 002 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CC 229	Feagan C	Closed
<i>Kansas Senate Bill SB 155</i>						
10287 003 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	GEB 258	Crawford T	Closed
<i>Kansas Senate Bill SB 155</i>						
10288 004 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	OCB 142	Crawford T	Closed
<i>Kansas Senate Bill SB 155</i>						
10289 005 F2F	M-----	06:00-08:50 PM	01/23/17-05/19/17	ITC 183	Bedell T	Closed
<i>Kansas Senate Bill SB 155</i>						
10290 006 F2F	--W----	06:00-08:50 PM	01/18/17-05/19/17	ITC 185	Waldman E	Closed
<i>Kansas Senate Bill SB 155</i>						
10291 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Crawford T	Closed
<i>Kansas Senate Bill SB 155</i>						
10292 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Feagan C	Closed
<i>Kansas Senate Bill SB 155</i>						
10293 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Waldman E	Closed
<i>Kansas Senate Bill SB 155</i>						
10295 354 ONLNE	-----	-	01/17/17-03/12/17	Online	Crawford T	Closed
<i>Kansas Senate Bill SB 155</i>						

Notes: This course is intended for students who are seeking the Business Administration degree in the online 8 week format. Note: This section runs during the 1st 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
10296 001 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	OCB 142	Crawford T	Closed
<i>Kansas Senate Bill SB 155</i>						
10297 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Pener M	Closed
<i>Kansas Senate Bill SB 155</i>						
10298 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Stewart-Ayala N	Closed
<i>Kansas Senate Bill SB 155</i>						
12813 352 ONLNE	-----	-	03/20/17-05/14/17	Online	Pener M	Closed
<i>Kansas Senate Bill SB 155</i>						

This course is intended for students who are seeking the Business Administration degree in the online 8 week format. 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
10300 960 IND	-----	-	01/17/17-05/19/17		Hussein S	7 of 9

*Kansas Senate Bill SB 155*

## BUS 292 - Special Topics:

This course periodically offers specialized or advanced discipline-specific content related to diverse areas of Business, not usually taught in the curriculum.

**Credit Hours:** 3

**Prerequisite:** Department approval

Outline ([http://catalog.jccc.edu/coursedescriptions/bus/#BUS\\_292](http://catalog.jccc.edu/coursedescriptions/bus/#BUS_292))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12642 001 F2F	---R---	06:00-09:00 PM	01/19/17-04/27/17	GEB 363	Spoolstra A	Closed

This section's title is **Special Topics: Voluntary Income Tax Assistance (VITA) Preparation.**

Notes: This Special Topic is: Voluntary Income Tax Assistance (VITA) Tax Preparation. The class will meet for 13 Thursday evenings from 6:00-9:00pm. Departmental approval is required: Contact Adam Spoolstra at Ext. 3347 or [aspoolst@jccc.edu](mailto:aspoolst@jccc.edu).

12713 960 ONLNE	-----	-	03/20/17-05/14/17	Online	Begley J	Closed
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This section's title is **Special Topics: Principles of Casualty and Liability Insurance.**

*Special Focus*

Notes: Please contact the Business Division at: 913-469-8500 x 3145 to request a waiver for department approval.

## 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
11784 001 F2F	---R---	08:00-10:45 AM	01/19/17-02/16/17	RC 374	Hincks B	Closed

*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.

11785 002 F2F	---R---	12:00-02:45 PM	01/19/17-02/16/17	RC 374	Hincks B	Closed
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*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.

11786 003 F2F	---R---	03:00-05:45 PM	01/19/17-02/16/17	RC 374	McAtee R	Closed
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*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.

11787 004 F2F	---R---	06:00-08:45 PM	01/19/17-02/16/17	RC 374	Patton K	Closed
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*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.

11788 005 F2F	M-----	03:00-05:45 PM	01/23/17-02/20/17	RC 374	Mora E	Closed
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*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.

11789 006 F2F	-T-----	03:00-05:45 PM	02/21/17-03/28/17	RC 374	Powers S	Closed
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*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.

11790 007 F2F	M-----	12:00-02:45 PM	02/27/17-04/03/17	RC 374	Hincks B	Closed
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*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.

11791 350 ONLNE	-----	-	01/17/17-02/14/17	Online	Epp R	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
<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.						
11792 351 ONLNE	-----	-	02/22/17-03/29/17	Online	Epp R	Closed
<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.						
11793 352 ONLNE	-----	-	02/22/17-03/29/17	Online	Harn R	Closed
<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.						
11794 353 ONLNE	-----	-	04/04/17-05/02/17	Online	Harn R	Closed
<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 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](http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11795 001 F2F	-T-----	06:00-08:45 PM	01/17/17-02/14/17	RC 374	Nord E	Closed
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.						
11796 002 F2F	-T-----	08:00-10:45 AM	04/04/17-05/02/17	RC 374	Hincks B	Closed
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.						
11797 003 F2F	-T-----	12:00-02:45 PM	04/04/17-05/02/17	RC 374	McAtee R	Closed
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.						
11798 004 F2F	M-----	12:00-02:45 PM	04/10/17-05/08/17	RC 374	McAtee R	Closed
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](http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11799 001 F2F	-T-----	08:00-10:45 AM	01/17/17-02/14/17	RC 374	Hincks B	Closed
<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.						
11801 002 F2F	-T-----	12:00-02:45 PM	01/17/17-02/14/17	RC 374	Hincks B	Closed
<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.						
11802 003 F2F	--W----	12:00-02:45 PM	01/18/17-02/15/17	RC 374	Hincks B	Closed
<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.						
11803 004 F2F	M-----	12:00-02:45 PM	01/23/17-02/20/17	RC 374	Hincks B	Closed
<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.						
11804 350 ONLNE	-----	-	01/23/17-02/20/17	Online	Powers S	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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*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 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](http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_155))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11805 001 F2F	---R---	06:00-08:45 PM	02/23/17-03/30/17	RC 374	Patton K	Closed

*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.

11806 002 F2F	M-----	03:00-05:45 PM	02/27/17-04/03/17	RC 374	Powers S	Closed
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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.

11807 350 ONLNE	-----	-	02/27/17-04/03/17	Online	Patton K	Closed
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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.

11808 351 ONLNE	-----	-	04/10/17-05/08/17	Online	Epp R	Closed
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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 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
11812 002 F2F	-T-----	06:00-08:45 PM	02/21/17-03/28/17	RC 374	Mora E	Closed

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
11813 001 F2F	-T-----	12:00-02:45 PM	02/21/17-03/28/17	RC 374	Hincks B	Closed

*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.

11814 002 F2F	--W----	06:00-08:45 PM	02/22/17-03/29/17	RC 374	Hincks B	Closed
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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
11815 001 F2F	-T-----	06:00-08:45 PM	04/04/17-05/02/17	RC 374	Mora E	Closed

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 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
11816 350 ONLINE	-----	-	04/10/17-05/08/17	Online	Harn R	Closed

*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 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
11817 001 F2F	--W----	12:00-02:45 PM	04/05/17-05/03/17	RC 374	Hincks B	Closed

*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.

## 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
11690 001 F2F	M-W----	01:00-03:30 PM	01/18/17-03/08/17	ITC 187	Kannenberg G	Closed

*Kansas Senate Bill SB 155*

## CET 123 - Building Codes

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

**Credit Hours:** 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/cet/#CET\\_123\)](http://catalog.jccc.edu/coursedescriptions/cet/#CET_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11691 001 F2F	--W----	06:00-08:20 PM	01/18/17-05/19/17	ITC 187	Eberle D	Closed
12772 002 F2F	--W----	03:00-05:20 PM	01/18/17-05/19/17	ITC 188	Eberle D	Closed

*Kansas Senate Bill SB 155*

## CET 129 - Construction Management

This course is intended for students interested in learning management principles for construction projects. Upon successful completion of this course, the student should be able to perform many processes associated with construction projects and complete forms typically used in project management. Topics include contract documents, scheduling, job costs and management issues. Project management software will be used to schedule and track project resources and progress. 2 hrs. lecture, 3 hrs. lab/wk.

**Credit Hours:** 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/cet/#CET\\_129\)](http://catalog.jccc.edu/coursedescriptions/cet/#CET_129)

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
11694 376 HYB	M-W----	01:00-03:20 PM	03/20/17-05/10/17	ITC 187	Dye R	Closed
	-----	-	03/20/17-05/10/17	Online		

*Kansas Senate Bill SB 155*

## CET 140 - Civil Engineering Materials

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

**Credit Hours:** 3

**Prerequisite or corequisite:** MATH 116 or higher

[Outline \(http://catalog.jccc.edu/coursedescriptions/cet/#CET\\_140\)](http://catalog.jccc.edu/coursedescriptions/cet/#CET_140)

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
11695 001 F2F	-T-----	05:00-07:45 PM	01/17/17-05/19/17	GP 101	Dye R	Closed
	Lab ---R---	05:30-07:15 PM	01/19/17-05/19/17	ATB 183		

*Kansas Senate Bill SB 155*

## CET 225 - Construction Documents

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

**Credit Hours:** 2

**Prerequisite:** CET 125

Outline ([http://catalog.jccc.edu/coursedescriptions/cet/#CET\\_225](http://catalog.jccc.edu/coursedescriptions/cet/#CET_225))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11696 001 F2F	M-W----	04:00-05:50 PM	01/18/17-03/08/17	ITC 187	Dye R	Closed

*Kansas Senate Bill SB 155*

## CET 227 - Construction Cost Estimating

This course adds to the student's knowledge of the construction process by covering the principles of construction estimating. Topics include estimating quantities of material using reference books, tables and the Construction Specifications Institute (C.S.I.) format and preparing estimating reports. Students will use industry-standard software for construction estimating. The student needs a basic knowledge of spreadsheet software to be successful in this course. 2 hrs. lecture & 3 hrs lab/wk.

**Credit Hours:** 3

**Prerequisites:** CET 105 and CET 125 or department approval and Prerequisite or corequisite: DRAF 129 or department approval

Outline ([http://catalog.jccc.edu/coursedescriptions/cet/#CET\\_227](http://catalog.jccc.edu/coursedescriptions/cet/#CET_227))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11699 376 HYB	M-----	06:00-08:20 PM	01/23/17-05/19/17	GP 101	Dye R	Closed
	Lab -----	-	01/23/17-05/19/17	Online		

*Kansas Senate Bill SB 155*

## CET 270 - Fluid Mechanics

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

**Credit Hours:** 3

**Prerequisites:** MATH 131 or MATH 172

Outline ([http://catalog.jccc.edu/coursedescriptions/cet/#CET\\_270](http://catalog.jccc.edu/coursedescriptions/cet/#CET_270))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11697 001 F2F	-T-R---	04:00-05:15 PM	01/17/17-05/19/17	ITC 122	Johnson S	Closed

*Kansas Senate Bill SB 155*

## 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
10732 380 HYB	-----	-	01/30/17-05/19/17	Online	Clark M	Closed
	--W----	01:00-03:00 PM	02/01/17-05/19/17	SCI 120		

*Mandatory Classroom Meetings*

Note: This is a late start course. Labs are mandatory.

### 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
10733 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Clark M	Closed
	Lab -----	-	01/17/17-05/19/17	Online		

Note: Students should contact the instructor one week prior to classes beginning.

## CHEM 122 - Principles of Chemistry

This course is an introduction to the fundamentals of chemistry, with emphasis on general concepts of inorganic chemistry and sufficient study of organic chemistry to introduce the student to biochemistry. The student will learn basic definitions and theories of chemistry, solve numerical problems related to chemical principles and apply chemical concepts in laboratory work. 4 hrs. lecture, 3 hrs. lab/wk.

**Credit Hours:** 5

**Associated Costs:** \$60

**Prerequisite:** RDG 126 or College Reading Readiness (<http://www.jccc.edu/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
10734 001 F2F	M-W----	08:00-09:50 AM	01/18/17-05/19/17	SCI 216	Elisabeth E	Closed
	Lab ----F--	08:00-10:50 AM	01/20/17-05/19/17	SCI 215		
10735 002 F2F	--W-F--	09:00-10:50 AM	01/18/17-05/19/17	SCI 218	Cannell K	Closed
	Lab M-----	09:00-11:50 AM	01/23/17-05/19/17	SCI 215		
10736 003 F2F	--W-F--	10:00-11:50 AM	01/18/17-05/19/17	SCI 216	Agah A	Closed
	Lab M-----	10:00-12:50 PM	01/23/17-05/19/17	SCI 213		
10737 004 F2F	--W-F--	12:00-01:50 PM	01/18/17-05/19/17	SCI 218	Cannell K	Closed
	Lab M-----	12:00-02:50 PM	01/23/17-05/19/17	SCI 215		
10738 005 F2F	M-W----	12:00-01:50 PM	01/18/17-05/19/17	SCI 216	Harvey M	Closed
	Lab ----F--	12:00-02:50 PM	01/20/17-05/19/17	SCI 213		
10739 006 F2F	M-W----	02:00-03:50 PM	01/18/17-05/19/17	SCI 216	Elisabeth E	Closed
	Lab ----F--	02:00-04:50 PM	01/20/17-05/19/17	SCI 215		
10740 007 F2F	-T-----	08:00-08:50 AM	01/17/17-05/19/17	SCI 218	Clark M	Closed
	Lab -T-----	09:00-11:50 AM	01/17/17-05/19/17	SCI 215		
	---R---	08:00-10:50 AM	01/19/17-05/19/17	SCI 218		
10741 008 F2F	-T-R---	09:00-10:50 AM	01/17/17-05/19/17	SCI 216	Herron B	Closed
	Lab --W----	09:00-11:50 AM	01/18/17-05/19/17	SCI 215		
10742 009 F2F	-T-R---	12:00-01:50 PM	01/17/17-05/19/17	SCI 216	Herron B	Closed
	Lab --W----	12:00-02:50 PM	01/18/17-05/19/17	SCI 215		
10743 050 F2F	--W----	06:00-08:50 PM	01/18/17-05/19/17	SCI 216	Herron B	Closed
	M-----	06:00-06:50 PM	01/23/17-05/19/17	SCI 216		
	Lab M-----	07:00-09:50 PM	01/23/17-05/19/17	SCI 215		
10744 051 F2F	--W----	06:00-06:50 PM	01/18/17-05/19/17	SCI 218	Shah N	Closed
	Lab --W----	07:00-09:50 PM	01/18/17-05/19/17	SCI 215		
	M-----	06:00-08:50 PM	01/23/17-05/19/17	SCI 218		
10745 052 F2F	-T-----	06:00-08:50 PM	01/17/17-05/19/17	SCI 216	Scholtz S	Closed
	---R---	06:00-06:50 PM	01/19/17-05/19/17	SCI 216		
	Lab ---R---	07:00-09:50 PM	01/19/17-05/19/17	SCI 215		
10747 380 HYB	-----	-	01/17/17-05/19/17	Online	Clark M	Closed



CRN	Days	Time	Date	Location	Instructor	Seats Open
	Lab ---R---	11:00-01:50 PM	01/19/17-05/19/17	SCI 215		
<i>Mandatory Classroom Meetings</i>						
Note: Labs are mandatory. A portion of the lecture for this course will be conducted online. Students should email the course instructor one week prior to classes beginning.						
10748 381 HYB	-T-----	11:00-11:50 AM	01/17/17-05/19/17	SCI 216	Cannell K	Closed
	Lab -T-----	12:00-02:50 PM	01/17/17-05/19/17	SCI 215		
	-----	-	01/17/17-05/19/17	Online		
<i>Mandatory Classroom Meetings</i>						
Note: Labs are mandatory. A portion of the lecture for this course will be conducted online. Students should email the course instructor one week prior to classes beginning.						
10749 382 HYB	-----	-	01/17/17-05/19/17	Online	Harvey M	Closed
	Lab M-----	02:00-04:50 PM	01/23/17-05/19/17	SCI 213		
<i>Mandatory Classroom Meetings</i>						
Note: Labs are mandatory. A portion of the lecture for this course will be conducted online. Students should email the course instructor one week prior to classes beginning.						
10750 383 HYB	-----	-	01/17/17-05/19/17	Online	Elisabeth E	Closed
	Lab M-----	06:00-08:50 PM	01/23/17-05/19/17	SCI 213		
<i>Mandatory Classroom Meetings</i>						
Note: Labs are mandatory. A portion of the lecture for this course will be conducted online. Students should email the course instructor one week prior to classes beginning.						

## CHEM 124 - General Chemistry I Lecture

Students will relate atomic structure to chemical systems, calculate the amount of material used in chemical reactions, use the periodic table as an aid to understanding chemical systems and interpret chemical reactions. 5 hrs. lecture/wk.

**Credit Hours:** 4

**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
10800 001 F2F	MTWRF--	08:00-08:50 AM	01/17/17-05/19/17	SCI 114	Egan G	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 10811)</i>						
10801 002 F2F	MTWRF--	09:00-09:50 AM	01/17/17-05/19/17	SCI 114	Egan G	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 10812)</i>						
10802 003 F2F	MTWRF--	10:00-10:50 AM	01/17/17-05/19/17	SCI 114	Egan G	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 10813)</i>						
10803 004 F2F	MTWRF--	11:00-11:50 AM	01/17/17-05/19/17	SCI 114	Boutte J	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 10814)</i>						
10804 005 F2F	MTWRF--	12:00-12:50 PM	01/17/17-05/19/17	SCI 114	Jacobsen F	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 10815)</i>						
Note: This section uses a flipped classroom style of teaching. Students will watch lectures at home on the topics and in class the next day do homework problems on the content covered the night before. Students are encouraged to work together and with the instructor to work through the homework.						
10805 006 F2F	M-W-F--	11:00-12:20 PM	01/18/17-05/19/17	SCI 124	Glass A	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 10821)</i>						
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. NOTE: This section uses a flipped classroom style of teaching. Students will watch lectures at home on the topics and in class the next day do homework problems on the content covered the night before. Students are encouraged to work together and with the instructor to work through the homework.						
10806 007 F2F	M-W-F--	01:00-02:20 PM	01/18/17-05/19/17	SCI 124	Glass A	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 10824)</i>						
Note: This section uses a flipped classroom style of teaching. Students will watch lectures at home on the topics and in class the next day do homework problems on the content covered the night before. Students are encouraged to work together and with the instructor to work through the homework.						
10807 008 F2F	MTWRF--	08:00-08:50 AM	01/17/17-05/19/17	SCI 124	Britt S	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 10825)</i>						
10808 050 F2F	--W----	06:00-06:50 PM	01/18/17-05/19/17	SCI 114	Khvostenko D	Closed
	M-----	06:00-09:50 PM	01/23/17-05/19/17	SCI 114		
<i>Co-requisite to enroll in CHEM 125 (CRN 10826)</i>						
10809 051 F2F	-T-----	06:00-06:50 PM	01/17/17-05/19/17	SCI 114	Weems J	Closed
	---R---	06:00-09:50 PM	01/19/17-05/19/17	SCI 114		

CRN	Days	Time	Date	Location	Instructor	Seats Open
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Co-requisite to enroll in CHEM 125 (CRN 10827)

10810	350 ONLNE	-----	-	01/17/17-05/19/17	Online	Jacobsen F	Closed
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Co-requisite to enroll in CHEM 125 (CRN 10828)

Note: The lecture tests and the final are taken in the JCCC Testing Center or at an approved, proctored testing 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 or corequisite: MATH 171 or an appropriate score on a placement test

Outline ([http://catalog.jccc.edu/coursedescriptions/chem/#CHEM\\_125](http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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10811	001 F2F	Lab M-----	11:00-01:50 PM	01/23/17-05/19/17	SCI 211	Egan G	Closed
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Co-requisite to enroll in CHEM 124 (CRN 10800)

10812	002 F2F	Lab ---R---	02:00-04:50 PM	01/19/17-05/19/17	SCI 211	Price K	Closed
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Co-requisite to enroll in CHEM 124 (CRN 10801)

10813	003 F2F	Lab ---R---	11:00-01:50 PM	01/19/17-05/19/17	SCI 211	Egan G	Closed
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Co-requisite to enroll in CHEM 124 (CRN 10802)

10814	004 F2F	Lab ---R---	08:00-10:50 AM	01/19/17-05/19/17	SCI 211	Boutte J	Closed
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Co-requisite to enroll in CHEM 124 (CRN 10803)

10815	005 F2F	Lab M-----	02:00-04:50 PM	01/23/17-05/19/17	SCI 211	Jacobsen F	Closed
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Co-requisite to enroll in CHEM 124 (CRN 10804)

10821	006 F2F	Lab -T-----	11:00-01:50 PM	01/17/17-05/19/17	SCI 211	Glass A	Closed
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Co-requisite to enroll in CHEM 124 (CRN 10805)

10824	007 F2F	Lab -T-----	02:00-04:50 PM	01/17/17-05/19/17	SCI 211	Britt S	Closed
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Co-requisite to enroll in CHEM 124 (CRN 10806)

10825	008 F2F	Lab --W----	11:00-01:50 PM	01/18/17-05/19/17	SCI 211	Britt S	Closed
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Co-requisite to enroll in CHEM 124 (CRN 10807)

10826	050 F2F	Lab --W----	07:00-09:50 PM	01/18/17-05/19/17	SCI 211	Khvostenko D	Closed
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Co-requisite to enroll in CHEM 124 (CRN 10808)

10827	051 F2F	Lab -T-----	07:00-09:50 PM	01/17/17-05/19/17	SCI 211	Weems J	Closed
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Co-requisite to enroll in CHEM 124 (CRN 10809)

10828	052 F2F	---R---	06:00-08:50 PM	01/19/17-05/19/17	SCI 211	Jacobsen F	Closed
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Co-requisite to enroll in CHEM 124 (CRN 10810)

## 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](http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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<b>10829</b> 001 F2F	MTWR---	08:00-08:50 AM	01/17/17-05/19/17	GEB 217	Lehman W	<b>Closed</b>
<i>Co-requisite to enroll in CHEM 132 (CRN 10840)</i>						
<b>10830</b> 002 F2F	MTWR---	09:00-09:50 AM	01/17/17-05/19/17	GEB 217	Lehman W	<b>Closed</b>
<i>Co-requisite to enroll in CHEM 132 (CRN 10841)</i>						
<b>10831</b> 003 F2F	MTWR---	10:00-10:50 AM	01/17/17-05/19/17	GEB 217	Slavin L	<b>Closed</b>
<i>Co-requisite to enroll in CHEM 132 (CRN 10842)</i>						
<b>10832</b> 004 F2F	MTWR---	11:00-11:50 AM	01/17/17-05/19/17	GEB 217	Franklin P	<b>Closed</b>
<i>Co-requisite to enroll in CHEM 132 (CRN 10843)</i>						
<b>10837</b> 005 F2F	MTWR---	01:00-01:50 PM	01/17/17-05/19/17	GEB 217	Franklin P	<b>Closed</b>
<i>Co-requisite to enroll in CHEM 132 (CRN 10844)</i>						
<b>10838</b> 050 F2F	-T-----	06:00-08:50 PM	01/17/17-05/19/17	GEB 217	Ogdon F	<b>Closed</b>
	---R---	06:00-06:50 PM	01/19/17-05/19/17	GEB 217		
<i>Co-requisite to enroll in CHEM 132 (CRN 10845)</i>						
<b>10839</b> 350 ONLNE	-----	-	01/17/17-05/19/17	<b>Online</b>	Franklin P	<b>Closed</b>
<i>Co-requisite to enroll in CHEM 132 (CRN 10846)</i>						
Note: The lecture exams and the final are taken in the JCCC Testing Center or an approved, proctored testing site. This course has a required corresponding lab.						

## 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 Corequisite: CHEM 131 Note: 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](http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_132))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>10840</b> 001 F2F	Lab --W----	11:00-01:50 PM	01/18/17-05/19/17	SCI 213	Lehman W	<b>Closed</b>
<i>Co-requisite to enroll in CHEM 131 (CRN 10829)</i>						
<b>10841</b> 002 F2F	Lab ---R---	02:00-04:50 PM	01/19/17-05/19/17	SCI 213	Lehman W	<b>Closed</b>
<i>Co-requisite to enroll in CHEM 131 (CRN 10830)</i>						
<b>10842</b> 003 F2F	Lab ---R---	11:00-01:50 PM	01/19/17-05/19/17	SCI 213	Slavin L	<b>Closed</b>
<i>Co-requisite to enroll in CHEM 131 (CRN 10831)</i>						
<b>10843</b> 004 F2F	Lab -T-----	02:00-04:50 PM	01/17/17-05/19/17	SCI 213	Franklin P	<b>Closed</b>
<i>Co-requisite to enroll in CHEM 131 (CRN 10832)</i>						
<b>10844</b> 005 F2F	Lab --W----	02:00-04:50 PM	01/18/17-05/19/17	SCI 213	Franklin P	<b>Closed</b>
<i>Co-requisite to enroll in CHEM 131 (CRN 10837)</i>						
<b>10845</b> 050 F2F	Lab ---R---	07:00-09:50 PM	01/19/17-05/19/17	SCI 213	Ogdon F	<b>Closed</b>
<i>Co-requisite to enroll in CHEM 131 (CRN 10838)</i>						
<b>10846</b> 051 F2F	Lab --W----	05:30-08:20 PM	01/18/17-01/18/17	CLB 112B	Franklin P	<b>Closed</b>
	Lab --W----	05:30-08:20 PM	01/25/17-05/19/17	SCI 213		
<i>Co-requisite to enroll in CHEM 131 (CRN 10839)</i>						

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10861 380 HYB	-----	-	01/17/17-05/19/17	Online	Harvey M	Closed
	Lab ----F--	09:00-11:50 AM	01/20/17-05/19/17	CLB 307		

*Mandatory Classroom Meetings*

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

## 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](http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10864 001 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	SCI 124	Watson C	Closed
	Lab M-W----	10:00-12:50 PM	01/18/17-05/19/17	CLB 307		
10865 050 F2F	M-W----	05:30-06:45 PM	01/18/17-05/19/17	SCI 124	Watson C Jacobsen F	Closed
	Lab M-W----	07:00-09:50 PM	01/18/17-05/19/17	CLB 307		

Note: This section uses a flipped classroom style of teaching. Students will watch lectures at home on the topics and in class the next day do homework problems on the content covered the night before. Students are encouraged to work together and with the instructor to work through the homework.

## 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](http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_221))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10866 001 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	SCI 124	Watson C	Closed
	Lab -T-R---	11:00-01:50 PM	01/17/17-05/19/17	CLB 307		
10867 050 F2F	-T-R---	05:30-06:45 PM	01/17/17-05/19/17	SCI 124	Weldele M	Closed
	Lab -T-R---	07:00-09:50 PM	01/17/17-05/19/17	CLB 307		

## CHEM 250 - Biochemistry

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

**Credit Hours:** 4

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

Outline ([http://catalog.jccc.edu/coursedescriptions/chem/#CHEM\\_250](http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10868 001 F2F	-T-R---	11:00-12:50 PM	01/17/17-05/19/17	SCI 120	Lehman W	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/cis/#CIS_124))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12276 350 ONLNE	-----	-	01/17/17-05/19/17	Online	McElravy M	Closed
12277 351 ONLNE	-----	-	01/17/17-05/19/17	Online	McElravy M	Closed
12278 352 ONLNE	-----	-	01/17/17-05/19/17	Online	McElravy M	Closed
12279 353 ONLNE	-----	-	01/17/17-05/19/17	Online	Pihl C	Closed
12280 376 HYB	-T-R---	09:30-10:20 AM	01/17/17-05/19/17	RC 344	Nicholson J	Closed
	-----	-	01/17/17-05/19/17	Online		
<i>Mandatory Classroom Meetings</i>						
12281 377 HYB	-T-R---	11:00-11:50 AM	01/17/17-05/19/17	RC 344	Nicholson J	Closed
	-----	-	01/17/17-05/19/17	Online		
<i>Mandatory Classroom Meetings</i>						
12283 378 HYB	M-W----	09:00-09:50 AM	01/18/17-05/19/17	RC 344	Nicholson J	Closed
	-----	-	01/18/17-05/19/17	Online		
<i>Mandatory Classroom Meetings</i>						
12284 379 HYB	M-W----	11:00-11:50 AM	01/18/17-05/19/17	RC 344	Nicholson J	Closed
	-----	-	01/18/17-05/19/17	Online		
<i>Mandatory Classroom Meetings</i>						
12275 380 HYB	M-----	06:00-07:50 PM	01/23/17-05/19/17	RC 344	Nicholson J	Closed
	-----	-	01/23/17-05/19/17	Online		

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12285 376 HYB	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	RC 347	Price P	Closed
	-----	-	01/17/17-05/19/17	Online		
<i>Kansas Senate Bill SB 155</i> <i>Mandatory Classroom Meetings</i>						
12286 377 HYB	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	RC 380	Weaver P	Closed
	-----	-	01/17/17-05/19/17	Online		
<i>Mandatory Classroom Meetings</i> <i>Kansas Senate Bill SB 155</i>						
12287 378 HYB	-T-----	06:00-08:45 PM	01/17/17-05/19/17	RC 380	Price P	Closed
	-----	-	01/17/17-05/19/17	Online		
<i>Kansas Senate Bill SB 155</i> <i>Mandatory Classroom Meetings</i>						
12288 379 HYB	M-W----	08:30-09:45 AM	01/18/17-05/19/17	RC 380	Kitchin D	Closed
	-----	-	01/18/17-05/19/17	Online		
<i>Kansas Senate Bill SB 155</i> <i>Mandatory Classroom Meetings</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
12289 380 HYB	---R---	06:00-08:50 PM	01/19/17-05/19/17	RC 361	Weaver P	Closed
	-----	-	01/19/17-05/19/17	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](http://catalog.jccc.edu/coursedescriptions/cis/#CIS_201))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12290 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Marrs D	Closed
12291 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Marrs D	Closed
12292 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Jarvis B	Closed
12293 376 HYB	---R---	06:00-08:50 PM	01/19/17-05/19/17	RC 344	Jarvis B	Closed
	-----	-	01/19/17-05/19/17	Online		

Mandatory Classroom Meetings

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12294 001 F2F	-T-----	06:00-08:50 PM	01/17/17-05/19/17	RC 344	Locke C	Closed
12295 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Kitchin D	Closed
12296 376 HYB	---R---	02:00-03:50 PM	01/19/17-05/19/17	RC 361	Becker H	Closed
	-----	-	01/19/17-05/19/17	Online		

Mandatory Classroom Meetings  
Kansas Senate Bill SB 155

12298 377 HYB	M-----	11:00-12:50 PM	01/23/17-05/19/17	RC 361	Becker H	Closed
	-----	-	01/23/17-05/19/17	Online		

Mandatory Classroom Meetings  
Kansas Senate Bill SB 155

## CIS 208 - Mobile Application Development

In this course, students will utilize effective design and structured programming techniques to build mobile applications. Topics will include designing interfaces for small screens and varied architectures, processing user events, retrieving and storing data, communicating via the Internet, and deploying applications. 3 hrs. lecture, 2 hrs open lab/wk.

**Credit Hours:** 4

**Prerequisite:** CS 205

Outline ([http://catalog.jccc.edu/coursedescriptions/cis/#CIS\\_208](http://catalog.jccc.edu/coursedescriptions/cis/#CIS_208))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12299 001 F2F	-T-----	06:00-08:50 PM	01/17/17-05/19/17	RC 361	Smith S	Closed

*Kansas Senate Bill SB 155*

## 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
12300 376 HYB	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	RC 361	Sunderland A	Closed
	-----	-	01/17/17-05/19/17	Online		

*Kansas Senate Bill SB 155*

*Mandatory Classroom Meetings*

12301 377 HYB	--W----	06:00-08:50 PM	01/18/17-05/19/17	RC 344	Baburajan R	Closed
	-----	-	01/18/17-05/19/17	Online		

*Kansas Senate Bill SB 155*

*Mandatory Classroom Meetings*

## 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
12303 002 F2F	M-----	06:00-08:50 PM	01/23/17-05/19/17	RC 380	Mein P	Closed

*Kansas Senate Bill SB 155*

12304 003 F2F	--W----	06:00-08:50 PM	01/18/17-05/19/17	RC 380	Mein P	Closed
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*Kansas Senate Bill SB 155*

## CIS 264 - Application Development and Programming

This course helps students develop a significant software project while combining previously learned software development skills with contemporary technologies. Students should work within a team to communicate, plan and implement a software application. Proper interviewing and job searching techniques are also explored. 4 hrs. lecture/wk.

**Credit Hours:** 4

**Prerequisites:** CIS 242 and CIS 260 and CS 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
12305 001 F2F	M-W----	04:30-05:45 PM	01/18/17-05/19/17	RC 344	Sunderland A	Closed

*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
12306 001 F2F	---R---	06:00-08:50 PM	01/19/17-05/19/17	RC 347	Smith S	Closed

*Kansas Senate Bill SB 155*

## Cosmetology - Esthetics

### 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
11304 202 F2F	MTW----	05:30-09:30 PM	01/17/17-06/03/17	🚗 WPK 180	Goebel M Dye K Geer K Hayden D Vasquez J Pfliegier K	Closed

*Kansas Senate Bill SB 155*

### 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
11308 203 F2F	-----S-	09:00-01:00 PM	01/17/17-06/03/17	🚗 WPK 131	Goebel M Rodriguez C Dye K Vasquez J	Closed
	---R---	05:30-09:30 PM	01/17/17-06/03/17	🚗 WPK 131		

*Kansas Senate Bill SB 155*

### CO 104 - Esthetics Essentials

This course provides class instruction in skin care. Topics include sanitation, skin sciences, waxing, skin treatments, body treatments, advanced therapies, business practices and state law. This class meets 48 of the 1,000 contact hours required by the Kansas State Board of Cosmetology.

**Credit Hours:** 3

**Associated Costs:** \$25-\$50

**Prerequisites:** CO 102 with a grade of "C" or higher and CO 103 with a grade of "C" or higher Corequisite: CO 105

Outline ([http://catalog.jccc.edu/coursedescriptions/co/#CO\\_104](http://catalog.jccc.edu/coursedescriptions/co/#CO_104))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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10792 204 F2F	MT-----	08:00-05:00 PM	01/17/17-02/10/17	WPK 180	Goebel M Rodriguez C Geer K Hayden D Vasquez J	Closed
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Kansas Senate Bill SB 155

### CO 105 - Esthetics Essentials Clinical

This course provides skill instruction and practical application of skin care in a clinical setting. Topics include sanitation, skin sciences, waxing, skin treatments, makeup, body treatments, advanced therapies, business practices and state law. This class meets 73 of the 1,000 contact hours required by the Kansas State Board of Cosmetology.

**Credit Hours:** 2

**Prerequisites:** CO 102 with a grade of "C" or higher and CO 103 with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/coursedescriptions/co/#CO\\_105](http://catalog.jccc.edu/coursedescriptions/co/#CO_105))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10793 205 F2F	--WRF--	08:00-05:00 PM	01/17/17-02/10/17	WPK 131	Goebel M Rodriguez C Geer K Vasquez J	Closed

Kansas Senate Bill SB 155

### CO 106 - Advanced Esthetics

This course provides class instruction in skin care. Topics include sanitation, skin sciences, waxing, skin treatments, makeup, body treatments, advanced therapies, preparation for state examinations, business practices and state law. This class meets 104 of the 1,000 contact hours required by the Kansas State Board of Cosmetology.

**Credit Hours:** 7

**Associated Costs:** \$50-\$100

**Prerequisites:** CO 104 with a grade of "C" or higher and CO 105 with a grade of "C" or higher Corequisite: CO 107

Outline ([http://catalog.jccc.edu/coursedescriptions/co/#CO\\_106](http://catalog.jccc.edu/coursedescriptions/co/#CO_106))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11313 206 F2F	MT-----	08:00-05:00 PM	02/13/17-04/07/17	WPK 180	Goebel M Rodriguez C Hayden D Vasquez J	Closed

Kansas Senate Bill SB 155

### CO 107 - Advanced Esthetics Clinical

This course provides skill instruction and practical application of skin care in a clinical setting. Topics include sanitation, skin sciences, waxing, skin treatments, makeup, and preparation for state examinations, business practices and state law. This class meets 148 of the 1,000 contact hours required by the Kansas State Board of Cosmetology.

**Credit Hours:** 3

**Prerequisites:** CO 104 with a grade of "C" or higher and CO 105 with a grade of "C" or higher Corequisite: CO 106

Outline ([http://catalog.jccc.edu/coursedescriptions/co/#CO\\_107](http://catalog.jccc.edu/coursedescriptions/co/#CO_107))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11315 207 F2F	--WRF--	08:00-05:00 PM	02/13/17-04/07/17	WPK 131	Goebel M Rodriguez C Geer K Vasquez J	Closed

Kansas Senate Bill SB 155

### 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
11316 210 F2F	MTWRF--	08:00-05:00 PM	01/17/17-04/07/17	 WPK 133	Goebel M Nolan K Geer K Hinojosa M Pfliegier K	Closed

*Kansas Senate Bill SB 155*

## 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
11317 211 F2F	MTWRF--	08:00-05:00 PM	04/10/17-05/26/17	 WPK 133	Goebel M Nolan K Geer K Hinojosa M Hayden D Pfliegier K	Closed

*Kansas Senate Bill SB 155*

## 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
11318 212 F2F	-TW-F--	08:00-05:00 PM	01/17/17-03/31/17	 WPK 101	Goebel M Nolan K Geer K Hinojosa M Pfliegier K	Closed
	M-----	08:00-05:00 PM	01/17/17-03/31/17	 WPK 177		
	---R---	11:00-08:00 PM	01/17/17-03/31/17	 WPK 101		

*Kansas Senate Bill SB 155*

## 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
11382 213 F2F	-TW-F--	08:00-05:00 PM	04/03/17-05/26/17	WPK 101	Goebel M Rodriguez C Dye K Nolan K Geer K Hinojosa M Pflieger K	Closed
	M-----	08:00-05:00 PM	04/03/17-05/26/17	WPK 177		
	---R---	11:00-08:00 PM	04/03/17-05/26/17	WPK 101		

Kansas Senate Bill SB 155

## Computer Personal Computer App

### CPCA 105 - Introduction to Personal Computers: Windows

This introductory course is designed to give the beginning computer user an overview of the personal computer. The student will gain confidence in basic computing skills and concepts through a hands-on approach. Topics include an introduction to computer terminology, hardware, system software, application software, e-mail, and the Internet. 1 hr. lecture /wk.

**Credit Hours:** 1

**Associated Costs:** \$10 to 20

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_105](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_105))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12353 001 F2F	M-----	11:00-01:45 PM	01/23/17-02/20/17	RC 353	Mahring B	Closed
12354 002 F2F	-T-----	06:00-08:45 PM	01/24/17-02/21/17	RC 353	Mahring B	Closed
12355 003 F2F	---R---	02:00-04:45 PM	01/26/17-02/23/17	RC 353	Mahring B	Closed
12356 350 ONLNE	-----	-	01/24/17-02/21/17	Online	Mahring B	Closed
12357 351 ONLNE	-----	-	01/24/17-02/21/17	Online	Mahring B	Closed
12358 352 ONLNE	-----	-	01/24/17-02/21/17	Online	Mahring B	Closed
12359 353 ONLNE	-----	-	02/28/17-04/04/17	Online	Mahring B	Closed
12360 354 ONLNE	-----	-	04/11/17-05/09/17	Online	Mahring B	Closed
13124 355 ONLNE	-----	-	02/28/17-04/04/17	Online	Mahring B	Closed

### CPCA 106 - Introduction to Personal Computers: Macintosh

This introductory course is designed to give the beginning computer user an overview of the Macintosh personal computer. The student will gain confidence in basic computer skills and concepts through a hands-on approach while becoming familiar with a Macintosh computer and its primary uses. Topics include computer software, hardware and terminology; as well as an introduction to the Macintosh operating system, word processing, drawing, spreadsheets and database management. 1 hr. lecture/wk.

**Credit Hours:** 1

**Associated Costs:** \$10 to 20

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_106](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_106))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12361 350 ONLNE	-----	-	02/28/17-04/04/17	Online	Mahring B	Closed

## CPCA 108 - Word Processing I: MS Word

This course provides an introduction to the concepts and real-world applications of microcomputer word processing software. Foundational word processing competencies, including creating, saving, printing and editing word processing files; searching and replacing text; creating headers and footers; inserting and resizing graphic images; setting up tables; creating and applying styles, and creating mail merge letters, will be covered. Students will also create multiple-page reports and incorporate desktop publishing concepts and features. 1 hr. lecture/wk.

**Credit Hours:** 1

**Associated Costs:** \$10 to 20

**Prerequisites:** CPCA 105 or CPCA 106 or CIS 124 or CPCA 128 or appropriate score on a waiver test

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_108](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_108))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12362 001 F2F	-T-----	02:00-04:45 PM	04/11/17-05/09/17	RC 353	Smith C	Closed
Microsoft Word Office 2016 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.						
12363 350 ONLNE	-----	-	02/28/17-04/04/17	Online	Mahring B	Closed
Microsoft Word Office 2016 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.						

## CPCA 109 - Google Apps

This course provides an introduction to the concepts and real-world applications of Google Apps services and applications. Students will explore the most popular Google Apps on the market today, including Google Email, Google Calendar, Google Talk, Google Docs, Google Sites and Google Start Page. Hands-on, practical projects will be performed to reinforce the concepts taught. 1hr. lecture/wk.

**Credit Hours:** 1

**Prerequisite:** CPCA 105 or CPCA 106 or CIS 124 or CPCA 128 or appropriate score on a waiver test

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_109](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_109))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12370 350 ONLNE	-----	-	02/28/17-04/04/17	Online	Mahring B	Closed

## CPCA 110 - Spreadsheets I: MS Excel

Students will learn concepts and uses of spreadsheet software on the personal computer. Business decision-making worksheet models will be created and modified by entering labels, functions and formulas. Various formatting techniques will be applied to enhance the appearance of printed worksheets. Students will also learn to display the worksheet data graphically with the charting capabilities of the software. 1 hr. lecture/wk.

**Credit Hours:** 1

**Associated Costs:** \$10 to 20

**Prerequisite:** CPCA 105 or CPCA 106 or CIS 124 or CPCA 128 or appropriate score on a waiver test

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_110](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_110))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12365 001 F2F	-T-----	06:00-08:45 PM	02/28/17-04/04/17	RC 353	Hultgren S	Closed
Microsoft Excel Office 2016 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.						
12366 002 F2F	---R---	02:00-04:50 PM	03/02/17-04/06/17	RC 353	Smith C	Closed
Microsoft Excel Office 2016 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.						
12367 350 ONLNE	-----	-	03/02/17-04/06/17	Online	Smith C	Closed
Microsoft Excel Office 2016 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.						
12368 351 ONLNE	-----	-	04/13/17-05/11/17	Online	Smith C	Closed
Microsoft Excel Office 2016 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.						
12369 352 ONLNE	-----	-	04/13/17-05/11/17	Online	Smith C	Closed
Microsoft Excel Office 2016 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.						

## CPCA 111 - Spreadsheets II: MS Excel

This course is a continuation of CPCA 110, Spreadsheets on the Microcomputer I, and will provide the student with intermediate level of spreadsheet concepts. Using typical business scenarios, the student will perform manual and automated "what-if" analyses, manage data in worksheets with tables and database functions, and use multiple worksheets to build consolidated statements. Basic macros will be introduced. 1 hr. lecture/wk.

**Credit Hours:** 1

**Associated Costs:** \$10 to 20

**Prerequisite:** CPCA 110 or CPCA 128

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_111](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_111))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12371 001 F2F	-T-----	06:00-08:45 PM	04/11/17-05/09/17	RC 353	Hultgren S	Closed
Microsoft Excel Office 2016 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.						
12372 002 F2F	---R---	02:00-04:50 PM	04/13/17-05/11/17	RC 353	Smith C	Closed
Microsoft Excel Office 2016 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.						
12373 350 ONLNE	-----	-	04/13/17-05/11/17	Online	Smith C	Closed
Microsoft Excel Office 2016 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.						

### CPCA 114 - Databases I: MS Access

This course provides an introduction to the concepts and real-world applications of microcomputer relational database software. Foundational database competencies, including building tables, defining fields, relating tables, entering and editing data, filtering and sorting will be covered. Students will query the database to select, calculate and summarize information. Students will build and customize forms and reports. 1 hr. lecture/wk.

**Credit Hours:** 1

**Prerequisites:** CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or CS 134 or an appropriate score on a waiver test

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_114](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_114))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12374 001 F2F	M-----	06:00-08:45 PM	01/23/17-02/20/17	RC 353	Grandgenett C	Closed
<i>Kansas Senate Bill SB 155</i>						
Microsoft Access Office 2016 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.						
12375 350 ONLNE	-----	-	01/26/17-02/23/17	Online	Friedrichsen L	Closed
<i>Kansas Senate Bill SB 155</i>						
Microsoft Access Office 2016 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.						
12376 351 ONLNE	-----	-	03/02/17-04/06/17	Online	Friedrichsen L	Closed
<i>Kansas Senate Bill SB 155</i>						
Microsoft Access Office 2016 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.						

### CPCA 115 - Databases II: MS Access

Upon completion of this course, the student should be able to design and define a relational database, create custom forms and reports for data entry, and build supporting queries. The student should be able to transfer data into and out of the database from various file formats, and manipulate data with introductory macro and programming skills. 2 hrs. lecture/wk.

**Credit Hours:** 2

**Prerequisite or corequisite:** CPCA 114

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_115](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_115))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12377 001 F2F	M-----	06:00-08:45 PM	02/27/17-05/08/17	RC 353	Grandgenett C	Closed
<i>Kansas Senate Bill SB 155</i>						
Microsoft Access Office 2016 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.						
12378 350 ONLNE	-----	-	03/02/17-05/11/17	Online	Friedrichsen L	Closed
<i>Kansas Senate Bill SB 155</i>						
Microsoft Access Office 2016 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.						

### CPCA 117 - Databases III: MS Access

Upon successful completion of this course, the student should be able to analyze an existing database that is not working properly and apply techniques to convert it into an effective relational database. A case study emphasis will cover different database design and documentation issues. Topics covered include relational database design, using action queries to normalize data and building a user interface. Students will also build complex forms and reports incorporating Visual Basic for Applications (VBA) programming code. 1 hr. lecture /wk.

**Credit Hours:** 1

**Prerequisite or corequisite:** CPCA 115

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_117](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_117))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12379 350 ONLINE	-----	-	04/14/17-05/12/17	Online	Friedrichsen L	Closed

*Kansas Senate Bill SB 155*

Microsoft Access Office 2016 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.

## CPCA 118 - Groupware: Outlook

This course provides an introduction to the concepts and applications of today's robust email systems. Students will use the application to compose, send and receive e-mail; post and organize discussion messages; manage calendars, appointments, tasks, to-do lists; use contact management features; and work with instant messaging. 1 hr. lecture/wk.

**Credit Hours:** 1

**Associated Costs:** \$10 to 20

**Prerequisite:** CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or an appropriate score on a waiver test

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_118](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_118))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12380 350 ONLINE	-----	-	04/11/17-05/09/17	Online	Mahring B	Closed

Microsoft Outlook Office 2016 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.

## CPCA 120 - Computer User Support Skills

Upon successful completion of this course, students should understand key information and skills for user support professionals, including troubleshooting and problem solving, successful verbal and written communication with users, determining a client's specific needs and training end users. 3 hr. lecture/wk.

**Credit Hours:** 3

**Prerequisite or corequisite:** CPCA 105 or an appropriate score on a waiver test

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_120](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12381 001 F2F	M-----	06:00-08:50 PM	01/23/17-05/19/17	RC 355	Manifold K	Closed

*Kansas Senate Bill SB 155*

## CPCA 121 - Introduction to Project Management

Upon completion of this course, the student should be able to effectively manage projects using project management software. Students will learn about project management goals and terminology, create a project schedule and use project management methodologies and tools such as the Gantt chart, critical path method (CPM) and program evaluation review technique (PERT) chart to update a project and communicate project progress to others. Students will use other project management techniques such as applying resources, leveling overallocations, evaluating constraints and analyzing planned versus projected schedule and budget variables. 1 hr. lecture/wk.

**Credit Hours:** 1

**Associated Costs:** \$10 to 20

**Prerequisite:** CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or an appropriate score on a waiver test

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_121](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12382 001 F2F	----F--	06:00-08:45 PM	04/14/17-05/12/17	RC 355	Hultgren S	Closed

*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.

12383 350 ONLINE	-----	-	03/02/17-04/06/17	Online	Hultgren S	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
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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.

### CPCA 123 - E-Presentation: MS PowerPoint

Upon completion of this course, students should be able to organize and produce an effective on-computer or slide-generated presentation, complete with printed speaker notes and handouts plus overhead transparencies, using the basic features of a presentation graphics program. Students will use master pages, template files, text formatting, color schemes, various drawing tools, the automated outline feature and animation dissolve sequence and incorporate photographs. 1 hr. lecture/wk.

**Credit Hours:** 1

**Associated Costs:** \$10 to 20

**Prerequisite:** CPCA 105 or CPCA 106 or CIS 124 or CPCA 128 or an appropriate score on a waiver test

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_123](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12384 350 ONLNE	-----	-	03/02/17-04/06/17	Online	Smith C	Closed

Microsoft PowerPoint Office 2016

### CPCA 125 - Word Processing II: MS Word

This is a continuation of CPCA 108, Word Processing on Micros I. After completing this course students should be able to use advanced concepts and applications of word processing software. The applications will include working with templates, creating and modifying styles, customizing themes, creating a table of contents, using mail merge, linking and embedding objects, creating web pages, creating and editing macros, and customizing Word and automating parts of a document.. 1 hr. lecture/wk.

**Credit Hours:** 1

**Associated Costs:** \$10 to 20

**Prerequisite:** CPCA 108

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_125](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12385 350 ONLNE	-----	-	04/11/17-05/09/17	Online	Mahring B	Closed

Microsoft Word Office 2016 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.

### CPCA 128 - PC Applications: MS Office

Upon successful completion of this course, students will demonstrate an in-depth proficiency with word processing, spreadsheet, database and presentation graphics applications. Students will use a current operating system to manage windows and applications, and create and organize files and folders. Students will conduct research on the Internet and apply information in secure documents using ethical and social standards of conduct. Hands-on, practical projects will be performed to reinforce the concepts taught. 3 hrs. lecture/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_128](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_128))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12386 001 F2F	-T-R--	09:30-10:50 AM	01/24/17-05/18/17	RC 355	Pihl C	Closed
Microsoft Office 2016						
12387 002 F2F	-T-R--	11:00-12:15 PM	01/24/17-05/18/17	RC 355	Pihl C	Closed
Microsoft Office 2016						
12388 003 F2F	M-----	06:00-08:50 PM	01/23/17-05/19/17	RC 376	Maxwell M	Closed
Microsoft Office 2016						
12389 350 ONLNE	-----	-	01/24/17-05/19/17	Online	Smith C	Closed
Microsoft Office 2016						
12390 351 ONLNE	-----	-	01/24/17-05/19/17	Online	Smith C	Closed
Microsoft Office 2016						
12391 352 ONLNE	-----	-	01/24/17-05/19/17	Online	Kosko J	Closed
Microsoft Office 2016						
12392 353 ONLNE	-----	-	02/27/17-05/19/17	Online	Kosko J	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
Microsoft Office 2016						

### CPCA 134 - Managing Your Macintosh

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

**Credit Hours:** 1

**Associated Costs:** \$10 to 20

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

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_134](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_134))

CRN	Days	Time	Date	Location	Instructor	Seats Open
13021 002 F2F	----S-	09:00-11:45 AM	01/28/17-02/25/17	RC 374	Hincks B	Closed

### CPCA 138 - Windows for Microcomputers

At the completion of this course, the student will be able to discuss the components of the Windows desktop, use the Windows Help system, create and organize a folder system on a disk, perform file management commands, customize the Windows desktop environment, use the Search tool to locate files and folders, and perform file backup and disk maintenance procedures. The student will also be able to use performance monitoring tools, add hardware and software to the system, and use basic MS DOS directory and file management commands. 1 hr. lecture/wk.

**Credit Hours:** 1

**Associated Costs:** \$10 to 20

**Prerequisite:** CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or an appropriate score on an assessment test

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_138](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_138))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12394 350 ONLNE	-----	-	02/28/17-04/04/17	Online	Kosko J	Closed

*Kansas Senate Bill SB 155*

### CPCA 141 - Internet I

This course will introduce the student to the commands and techniques required to effectively access the resources of the Internet. Students will use Windows applications to browse the Internet, locate and retrieve information and send and receive electronic mail and address security issues on the internet. 1 hr. lecture/wk.

**Credit Hours:** 1

**Associated Costs:** \$10 to 20

**Prerequisite:** CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or appropriate score on an assessment test

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_141](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_141))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12395 350 ONLNE	-----	-	01/24/17-02/21/17	Online	Kosko J	Closed

### 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. open lab /wk.

**Credit Hours:** 4

Outline ([http://catalog.jccc.edu/coursedescriptions/cs/#CS\\_134](http://catalog.jccc.edu/coursedescriptions/cs/#CS_134))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12307 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Chen I	Closed

*Kansas Senate Bill SB 155*



CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>12308</b> 351 ONLNE <i>Kansas Senate Bill SB 155</i>	-----	-	01/17/17-05/19/17	Online	Hansen S	Closed
<b>12309</b> 352 ONLNE <i>Kansas Senate Bill SB 155</i>	-----	-	01/17/17-05/19/17	Online	Hansen S	Closed
<b>12623</b> 353 ONLNE <i>Kansas Senate Bill SB 155</i>	-----	-	01/17/17-05/19/17	Online	Nagarajan N	Closed
<b>12310</b> 376 HYB <i>Mandatory Classroom Meetings</i> <i>Kansas Senate Bill SB 155</i>	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	RC 380	Damico B	Closed
	-----	-	01/17/17-05/19/17	Online		
<b>12311</b> 377 HYB <i>Kansas Senate Bill SB 155</i> <i>Mandatory Classroom Meetings</i>	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	RC 380	Damico B	Closed
	-----	-	01/17/17-05/19/17	Online		
<b>12312</b> 378 HYB <i>Mandatory Classroom Meetings</i> <i>Kansas Senate Bill SB 155</i>	M-W----	10:00-10:50 AM	01/18/17-05/19/17	RC 380	Mein P	Closed
	-----	-	01/18/17-05/19/17	Online		
<b>12313</b> 379 HYB <i>Mandatory Classroom Meetings</i> <i>Kansas Senate Bill SB 155</i>	M-W----	11:00-11:50 AM	01/18/17-05/19/17	RC 380	Mein P	Closed
	-----	-	01/18/17-05/19/17	Online		
<b>12314</b> 380 HYB <i>Mandatory Classroom Meetings</i> <i>Kansas Senate Bill SB 155</i>	M-----	06:00-08:50 PM	01/23/17-05/19/17	RC 361	Nagarajan N	Closed
	-----	-	01/23/17-05/19/17	Online		

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>12315</b> 350 ONLNE <i>Kansas Senate Bill SB 155</i>	-----	-	01/17/17-05/19/17	Online	Chen I	Closed
<b>12316</b> 376 HYB <i>Kansas Senate Bill SB 155</i> <i>Mandatory Classroom Meetings</i>	M-W----	09:00-10:15 AM	01/18/17-05/19/17	RC 347	Orrell D	Closed
	-----	-	01/18/17-05/19/17	Online		
<b>12317</b> 377 HYB <i>Kansas Senate Bill SB 155</i> <i>Mandatory Classroom Meetings</i>	M-W----	11:00-12:15 PM	01/18/17-05/19/17	RC 347	Orrell D	Closed
	-----	-	01/18/17-05/19/17	Online		
<b>12318</b> 378 HYB <i>Mandatory Classroom Meetings</i> <i>Kansas Senate Bill SB 155</i>	-T-----	03:30-05:20 PM	01/17/17-05/19/17	RC 347	Chen I	Closed
	-----	-	01/17/17-05/19/17	Online		
	---R---	03:30-04:20 PM	01/19/17-05/19/17	RC 347		

Note: In this hybrid section of CS 200: Tuesday will meet from 3:30 to 5:20 with the emphasis on lecture material. Thursday will meet from 3:30 to 4:20 with the emphasis on in-class programming activities. Outside of class students are expected to study online D2L materials and work on additional programming assignments. For more information contact Isabelle Chen at [ichen@jccc.edu](mailto:ichen@jccc.edu).

CRN	Days	Time	Date	Location	Instructor	Seats Open
12319 379 HYB	---R---	06:00-08:50 PM	01/19/17-05/19/17	RC 380	Morris R	Closed
	-----	-	01/19/17-05/19/17	Online		

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

## 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
12320 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Van Gorp M	Closed
12321 376 HYB	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	RC 347	Van Gorp M	Closed
	-----	-	01/17/17-05/19/17	Online		

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

## 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
12322 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Hansen S	Closed
12323 376 HYB	-T-----	06:00-08:50 PM	01/17/17-05/19/17	RC 347	Collins P	Closed
	-----	-	01/17/17-05/19/17	Online		
12324 377 HYB	M-W----	12:30-01:45 PM	01/18/17-05/19/17	RC 347	Weaver P	Closed
	-----	-	01/18/17-05/19/17	Online		

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

## CS 210 - Discrete Structures I

Upon successful completion of this course, the student should be able to use fundamental discrete mathematics as it relates to computers and computer applications. The student will be exposed to a variety of discrete mathematical topics. The course will include fundamental mathematical principles, combinatorial analysis, mathematical reasoning, graphs and trees, and Boolean logic circuits. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisites:** MATH 171 or both MATH 116 and 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
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<b>12325</b> 001 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	RC 347	Morris R	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						
<b>12326</b> 002 F2F	-T-----	06:00-08:50 PM	01/17/17-05/19/17	CC 229	Morris R	<b>Closed</b>
<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
<b>12328</b> 001 F2F	-T-R---	04:30-05:45 PM	01/17/17-05/19/17	RC 380	Hansen S	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						

## 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
<b>12330</b> 350 ONLINE	-----	-	01/17/17-05/19/17	Online	Chen I	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						
<b>12332</b> 377 HYB	M-----	06:00-08:50 PM	01/23/17-05/19/17	RC 347	Aljanabi A	<b>Closed</b>
	-----	-	01/23/17-05/19/17	Online		
<i>Kansas Senate Bill SB 155</i>						
<i>Mandatory Classroom Meetings</i>						

## 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 CS 236 or CS 255 or CIS 240 or MATH 242)

Outline ([http://catalog.jccc.edu/coursedescriptions/cs/#CS\\_250](http://catalog.jccc.edu/coursedescriptions/cs/#CS_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>12333</b> 376 HYB	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	RC 347	Hansen S	<b>Closed</b>
	-----	-	01/17/17-05/19/17	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						
<b>12334</b> 377 HYB	--W----	06:00-08:50 PM	01/18/17-05/19/17	RC 347	Morris R	<b>Closed</b>
	-----	-	01/18/17-05/19/17	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						

## CS 255 - Basic Data Structures Using Java

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

**Credit Hours:** 4

**Prerequisite:** CS 205 or CS 236 or CIS 240

Outline ([http://catalog.jccc.edu/coursedescriptions/cs/#CS\\_255](http://catalog.jccc.edu/coursedescriptions/cs/#CS_255))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12335 001 F2F	-T-R---	04:30-05:45 PM	01/17/17-05/19/17	RC 361	Weaver P	Closed

*Kansas Senate Bill SB 155*

## Dental Hygiene

### DHYG 140 - Clinical Dental Hygiene II

The course will include clinical application of dental hygiene techniques and instrumentation, oral health products, patient motivation and educational techniques, preventive strategies including use of an intraoral clinic camera, and an introduction to selected dental specialties. Students will be prepared for medical and dental emergencies that may be encountered in various practice settings. An introduction to the dental hygiene process of care (ADPIED) and working with special-needs patient populations will be provided. 2 hrs. lecture/8 hrs.clinic/wk.

**Credit Hours:** 4

**Associated Costs:** \$500

**Prerequisites:** DHYG 121 and DHYG 125 and DHYG 135 and SOC 122 **Corequisites:** DHYG 142 and DHYG 146 and DHYG 148 **Prerequisite or corequisite:** BIOL 225 (All BIOL, CHEM, and DHYG courses must be completed with a grade of "C" or higher.)

Outline ([http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG\\_140](http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12268 001 F2F	-T-R---	08:00-05:00 PM	01/17/17-05/19/17	SCI 201	Curry-Chiu M Hodes L Baker C	Closed
	M-----	10:00-11:50 AM	01/23/17-05/19/17	SCI 112		

*Kansas Senate Bill SB 155*

### DHYG 142 - Dental Radiography

This course prepares the dental hygiene student to expose, process and critique intra and extraoral radiographs for clinical practice. Emphasis is placed on technique and individual patient radiographic need using standardized As Low As Reasonably Achievable (ALARA) concepts. Students process, mount and evaluate radiographs for diagnostic value associated with patient care. Radiation production, biology and safety are required for students to make informed decisions and adjustments for optimum patient care. 1 hr. lecture, 3 hrs. lab/wk.

**Credit Hours:** 2

**Associated Costs:** \$100-\$150

**Prerequisites:** DHYG 121 and DHYG 125 and DHYG 135 and DHYG 138 **Corequisites:** DHYG 140 and DHYG 146 and DHYG 148 **Prerequisite or corequisite:** BIOL 225 (All BIOL, CHEM, and DHYG courses must be completed with a grade of "C" or higher.)

Outline ([http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG\\_142](http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_142))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12269 001 F2F	----F--	08:00-09:20 AM	01/20/17-05/19/17	SCI 112	Flick H Warring J	Closed
	----F--	10:00-12:50 PM	01/20/17-05/19/17	SCI 125		

*Kansas Senate Bill SB 155*

### DHYG 146 - Periodontics

This course provides the dental hygiene student with an in-depth study of periodontal disease including the inflammatory process and its relationship to pathogenesis of periodontal disease; identification of etiological factors; classification of periodontal disease following a complete periodontal assessment; recognition of gingival conditions and risk assessment; description of periodontal surgical procedures; the recognition of periodontal emergencies; and the effectiveness of plaque control and nonsurgical periodontal therapy. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisites:** DHYG 121 and DHYG 125 and DHYG 135 and DHYG 138 Corequisites: DHYG 140 and DHYG 142 and DHYG 148 Prerequisites or Corequisites: BIOL 225 (All BIOL, CHEM, and DHYG courses must be completed with a grade of "C" or higher.)

Outline ([http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG\\_146](http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_146))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12270 001 F2F	--W----	08:00-08:50 AM	01/18/17-05/19/17	SCI 112	Callihan T	Closed
	M-----	08:00-09:50 AM	01/23/17-05/19/17	SCI 112		

Kansas Senate Bill SB 155

## DHYG 148 - Dental Health Education

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

**Credit Hours:** 2

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

Outline ([http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG\\_148](http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_148))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12271 001 F2F	--W----	09:00-11:50 AM	01/18/17-05/19/17	SCI 112	Hanson C Davis K	Closed

Kansas Senate Bill SB 155

## DHYG 245 - Nitrous Oxide Analgesia

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

**Credit Hours:** 1

**Prerequisite:** DHYG 221 Corequisite: DHYG 250

Outline ([http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG\\_245](http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_245))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12272 002 F2F	---R---	08:00-09:55 AM	01/19/17-02/18/17	SCI 112	Stabbe K	Closed
	---R---	08:00-09:55 AM	02/19/17-03/12/17	SCI 201		

Kansas Senate Bill SB 155

## DHYG 250 - Clinical Dental Hygiene IV

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

**Credit Hours:** 6

**Prerequisite:** DHYG 221 Corequisite: DHYG 245

Outline ([http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG\\_250](http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12273 001 F2F	M-W----	08:00-05:00 PM	01/18/17-05/19/17	SCI 201	Haas C Stabbe K Armbrister B Wells C Pribyl L Boles N	Closed
	---R---	10:00-11:50 AM	01/19/17-05/19/17	SCI 112		

Kansas Senate Bill SB 155

## Dietary Managers

### 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
11162 001 F2F	---R---	12:00-02:50 PM	01/19/17-05/19/17	HCA 115	Collier R	Closed
11163 002 F2F	-T-----	09:00-11:50 AM	01/17/17-05/19/17	HCA 119	Riley M	Closed
12638 003 F2F	M-----	06:00-08:50 PM	01/23/17-05/19/17	HCA 119	Riley M	Closed
11405 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Collier R	Closed
11406 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Tripe J	Closed
11407 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Tripe J	Closed
11408 353 ONLNE	-----	-	01/17/17-05/19/17	Online	Collier R	Closed
11409 376 HYB	--W----	10:00-11:30 AM	01/18/17-05/19/17	HCA 119	Tripe J	Closed
	-----	-	01/18/17-05/19/17	Online		

### 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 or HMEC 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
11159 001 F2F	---R---	06:00-08:50 PM	01/19/17-05/19/17	HCA 115	Riley M	Closed

### 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 or Corequisite:** 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
11160 001 F2F	---R---	04:00-05:50 PM	01/19/17-05/19/17	HCA 115	Riley M	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
11161 500 INT	-----	-	01/17/17-05/19/17		Riley M	16 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](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10751 001 F2F	M-W----	12:00-12:50 PM	01/18/17-03/08/17	ITC 181	Feuerborn D	Closed
	Lab M-W----	01:00-02:50 PM	01/18/17-03/08/17	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](mailto:thughes@jccc.edu) or 913-469-8500 x3901 prior to enrolling in DRAF 120; you may be able to receive credit for this class

10752 002 F2F	M-W----	06:00-06:50 PM	01/18/17-03/08/17	ITC 181	Stanley B	Closed
	Lab M-W----	07:00-08:50 PM	01/18/17-03/08/17	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](mailto:thughes@jccc.edu) or 913-469-8500 x3901 prior to enrolling in DRAF 120; you may be able to receive credit for this class

### 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](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10753 376 HYB	-T-----	06:00-07:50 PM	03/21/17-05/09/17	ITC 181	Feuerborn D	Closed
	Lab -----	-	03/21/17-05/09/17	Online		

*Kansas Senate Bill SB 155*

Note: This section is offered as a Hybrid course. Please select the blue HYB text above for a description of a Hybrid course offering

### 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
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<b>10754</b> 376 HYB	M-W----	11:00-11:50 AM	01/18/17-03/08/17	ITC 181	Feuerborn D	<b>Closed</b>
<b>Lab</b> -----	-		01/18/17-03/08/17	<b>Online</b>		

*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](mailto:thughes@jccc.edu) or 913-469-8500 x3901 prior to enrolling in DRAF 129. This section is offered as a Hybrid course. Please select the blue HYB text above for a description of a Hybrid course offering

<b>10755</b> 377 HYB	---R---	06:00-07:50 PM	03/23/17-05/11/17	ITC 181	Feuerborn D	<b>Closed</b>
<b>Lab</b> -----	-		03/23/17-05/11/17	<b>Online</b>		

*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](mailto:thughes@jccc.edu) or 913-469-8500 x3901 prior to enrolling in DRAF 129. This section is offered as a Hybrid course. Please select the blue HYB text above for a description of a Hybrid course offering

## 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
<b>10756</b> 001 F2F	M-W----	06:00-07:50 PM	01/18/17-03/08/17	ITC 122	Hughes T	<b>Closed</b>
<b>Lab</b> -----	-		01/18/17-03/08/17	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](mailto:thughes@jccc.edu) or 913-469-8500 x3901 prior to enrolling in DRAF 130; you may be able to receive credit for this class

<b>10757</b> 002 F2F	M-W----	02:00-03:50 PM	03/20/17-05/10/17	ITC 181	Hughes T	<b>Closed</b>
<b>Lab</b> -----	-		03/20/17-05/10/17	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](mailto:thughes@jccc.edu) or 913-469-8500 x3901 prior to enrolling in DRAF 130; you may be able to receive credit for this class

## 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
<b>10758</b> 350 ONLNE	-----	-	01/23/17-05/19/17	<b>Online</b>	Cline L	<b>Closed</b>

*Kansas Senate Bill SB 155*

Note: Students taking this Online course can use either AutoCAD LT or AutoCAD software to complete assignments. A free download 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](mailto:thughes@jccc.edu) or 913-469-8500 x3901

## DRAF 135 - Graphic Analysis

This course expands on introductory knowledge in drafting and CAD. Upon successful completion of this course, the student will solve descriptive geometry problems, locate intersections of geometric shapes and produce developments of geometric shapes. Most assignments in this course will be completed using AutoCAD software. 2 hrs. lecture, 3 hrs. lab/wk.

**Credit Hours:** 3

**Associated Costs:** \$10 to \$15

**Prerequisites:** DRAF 120 and DRAF 130 or department approval



Outline ([http://catalog.jccc.edu/coursedescriptions/draf/#DRAF\\_135](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10759 001 F2F	-T-R---	02:30-03:20 PM	01/17/17-05/19/17	ITC 126	Feuerborn D	Closed
	Lab -T-R---	03:30-04:50 PM	01/17/17-05/19/17	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
10760 001 F2F	----F--	06:00-09:50 PM	01/20/17-03/10/17	ITC 126	Burton S	Closed

Kansas Senate Bill SB 155

Note: All sections of DRAF 143 will use REVIT 2016 for the completion of lab assignments

10761 002 F2F	----S-	09:00-12:50 PM	01/21/17-03/11/17	ITC 126	Burton S	Closed
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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
10762 001 F2F	M-W----	08:00-09:50 PM	01/18/17-03/08/17	ITC 126	Catt T	Closed

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
10763 001 F2F	----F--	12:00-02:50 PM	02/17/17-05/12/17	ITC 126	Cline L	Closed

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](mailto:thughes@jccc.edu) or 913-469-8500 x3901 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
10764 001 F2F	M-W----	02:00-03:50 PM	03/20/17-05/10/17	ITC 126	Cline L	Closed

*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](mailto:thughes@jccc.edu) or 913-469-8500 x3901 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
10765 001 F2F	M-W----	09:00-09:50 AM	01/18/17-05/19/17	ITC 128	Cline L	Closed
	Lab M-W----	10:00-11:20 AM	01/18/17-05/19/17	ITC 128		

*Kansas Senate Bill SB 155*

10767 002 F2F	-T-R--	01:00-01:50 PM	01/17/17-05/19/17	ITC 128	Cline L	Closed
	Lab -T-R--	02:00-03:20 PM	01/17/17-05/19/17	ITC 128		

*Kansas Senate Bill SB 155*

10769 003 F2F	M-W----	06:00-06:50 PM	01/18/17-05/19/17	ITC 128	Cline L	Closed
	Lab M-W----	07:00-08:20 PM	01/18/17-05/19/17	ITC 128		

*Kansas Senate Bill SB 155*

## DRAF 225 - Civil Drafting

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

**Credit Hours:** 3

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

Outline ([http://catalog.jccc.edu/coursedescriptions/draf/#DRAF\\_225](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_225))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10771 001 F2F	-T-R--	05:30-06:20 PM	01/17/17-05/19/17	ITC 126	Johnson S	Closed
	Lab -T-R--	06:30-07:50 PM	01/17/17-05/19/17	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
10773 001 F2F	M-W----	06:00-07:50 PM	03/20/17-05/10/17	ITC 122	Hughes T	Closed
	Lab -----	-	03/20/17-05/10/17	ITC 124		

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Kansas Senate Bill SB 155</i>						
10774 002 F2F	-T-R---	09:00-09:50 AM	01/17/17-05/19/17	ITC 122	Hughes T	Closed
	Lab -----	-	01/17/17-05/19/17	ITC 124		
<i>Kansas Senate Bill SB 155</i>						

### DRAF 238 - Architectural Design and Drafting

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

**Credit Hours:** 3

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

Outline ([http://catalog.jccc.edu/coursedescriptions/draf/#DRAF\\_238](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_238))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10778 001 F2F	-T-R---	11:30-12:20 PM	01/17/17-05/19/17	ITC 126	Feuerborn D	Closed
	Lab -T-R---	12:30-01:50 PM	01/17/17-05/19/17	ITC 126		
<i>Kansas Senate Bill SB 155</i>						

### 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
10782 001 F2F	----F--	06:00-09:50 PM	03/24/17-05/12/17	ITC 126	Burton S	Closed
<i>Kansas Senate Bill SB 155</i>						
Note: All sections of DRAF 243 will use REVIT 2016 for the completion of lab assignments						
13144 002 F2F	----S-	09:00-12:50 PM	03/25/17-05/13/17	ITC 126	Burton S	Closed
<i>Kansas Senate Bill SB 155</i>						

### DRAF 244 - Civil 3D

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

**Credit Hours:** 2

**Prerequisite:** DRAF 230 or ENGR 131 or department approval

Outline ([http://catalog.jccc.edu/coursedescriptions/draf/#DRAF\\_244](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_244))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10783 001 F2F	-T-R---	08:00-09:50 PM	03/21/17-05/11/17	ITC 126	Johnson S	Closed
<i>Kansas Senate Bill SB 155</i>						
Note: All sections of DRAF 244 will use CIVIL 3D 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
10784 001 F2F	M-W----	08:00-09:50 PM	03/20/17-05/10/17	ITC 126	Catt T	Closed

*Kansas Senate Bill SB 155*

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

## DRAF 252 - Structural Design and Drafting

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

**Credit Hours:** 3

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

Outline ([http://catalog.jccc.edu/coursedescriptions/draf/#DRAF\\_252](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_252))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10785 001 F2F	M-W----	05:30-06:20 PM	01/18/17-05/19/17	ITC 126	Feuerborn D Stanley B	Closed
	Lab M-W----	06:30-07:50 PM	01/18/17-05/19/17	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
10787 001 F2F	-T-R---	11:30-12:20 PM	01/17/17-05/19/17	ITC 122	Hughes T	Closed
	Lab -----	-	01/17/17-05/19/17	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
10788 500 INT	-----	-	01/17/17-05/19/17		Hughes T	4 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
10789 500 INT	-----	-	01/17/17-05/19/17		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
10660 002 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	CC 128	Jenab F	Closed

CLASS CHANGE: Class change is not possible once it starts.

### 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
12679 001 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CC 128	Sobolevsky A	Closed

CLASS CHANGE: Class change is not possible once it starts.

10661 002 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	CC 124	Aronoff D	Closed
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CLASS CHANGE: Class change is not possible once it starts.

10662 004 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CC 217	Rainwater M	Closed
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CLASS CHANGE: Class change is not possible once it starts.

10663 006 F2F	-T-R---	06:00-07:15 PM	01/17/17-05/19/17	CC 215	Crum D	Closed
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CLASS CHANGE: Class change is not possible once it starts.

### 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
10665 002 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CC 124	Rainwater M	Closed

CLASS CHANGE: Class change is not possible once it starts.

## 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
10666 001 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CC 122	Lychnikova E	Closed
CLASS CHANGE: Class change is not possible once it starts.						
10667 002 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	CC 128	Lychnikova E	Closed
CLASS CHANGE: Class change is not possible once it starts.						
10668 004 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	OCB 142	Gray A	Closed
CLASS CHANGE: Class change is not possible once it starts.						
10669 006 F2F	-T-R---	07:30-08:45 PM	01/17/17-05/19/17	CC 338	Perriguet-Keene H	Closed

CLASS CHANGE: Class change is not possible once it starts.

## 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
10671 001 F2F	M-W-F--	11:00-11:50 AM	01/23/17-05/19/17	CC 130	Sobolevsky A	Closed
CLASS CHANGE: Class change is not possible once it starts.						
10672 002 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	CC 124	Aronoff D	Closed
CLASS CHANGE: Class change is not possible once it starts.						
10673 005 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	CC 128	Sobolevsky A	Closed
CLASS CHANGE: Class change is not possible once it starts.						
10674 006 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CC 122	Milkowart H	Closed
CLASS CHANGE: Class change is not possible once it starts.						
10675 008 F2F	-T-R---	06:00-07:15 PM	01/17/17-05/19/17	ATB 131	Austin K	Closed

CLASS CHANGE: Class change is not possible once it starts.

## 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
10676 001 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CC 329	Milkowart H	Closed
CLASS CHANGE: Class change is not possible once it starts.						
10677 002 F2F	-T-R---	09:30-10:50 AM	01/17/17-05/19/17	SCI 118	Crum D	Closed
CLASS CHANGE: Class change is not possible once it starts.						
10678 004 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	CC 316	Kastendick R	Closed
<i>Co-requisite to enroll in EAP 117 (CRN 10691)</i>						
NOTE: This course offers a learning community approach, integrating the content of both EAP 113 Level 4 Writing & Grammar and EAP 117 Level 4 Speaking & Listening classes with a business emphasis. For the writing component, students will be given opportunities to improve fluency in writing in American English at the high intermediate to advanced level while focusing on topics and formats aimed at supporting written communication in a business environment. In the oral communication section, emphasis will be given to mastering speaking, pronunciation, and listening at an advanced level and within contexts applicable to conducting business verbally in English. Students will attend the classes separately, be evaluated independently by the two instructors, and earn 3 credit hours in EAP 113 as well as 3 credit hours in EAP 117. These courses will apply toward completion of the EAP program but do not fulfill degree requirements. CLASS CHANGE: Class change is not possible once it starts.						
10679 008 F2F	-T-R---	07:30-08:45 PM	01/17/17-05/19/17	CC 215	Crum D	Closed
CLASS CHANGE: Class change is not possible once it starts.						
10681 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Milkowart H	Closed
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. CLASS CHANGE: Class change is not possible once it starts.						

## 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
10683 001 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CC 329	Milkowart H	Closed
CLASS CHANGE: Class change is not possible once it starts.						
10685 004 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	CC 325	Milkowart H	Closed
CLASS CHANGE: Class change is not possible once it starts.						
10686 005 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CC 316	Gunbatar V	Closed
CLASS CHANGE: Class change is not possible once it starts.						
10687 008 F2F	M-W----	07:30-08:45 PM	01/18/17-05/19/17	LIB 352	Ellouz H	Closed
CLASS CHANGE: Class change is not possible once it starts.						

## 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
10690 002 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CC 124	Aronoff D	Closed
CLASS CHANGE: Class change is not possible once it starts.						
10691 004 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CC 316	Gunbatar V	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Co-requisite to enroll in EAP 113 (CRN 10678)</i>						
NOTE: This course offers a learning community approach, integrating the content of both EAP 113 Level 4 Writing & Grammar and EAP 117 Level 4 Speaking & Listening classes with a business emphasis. For the writing component, students will be given opportunities to improve fluency in writing in American English at the high intermediate to advanced level while focusing on topics and formats aimed at supporting written communication in a business environment. In the oral communication section, emphasis will be given to mastering speaking, pronunciation, and listening at an advanced level and within contexts applicable to conducting business verbally in English. Students will attend the classes separately, be evaluated independently by the two instructors, and earn 3 credit hours in EAP 113 as well as 3 credit hours in EAP 117. These courses will apply toward completion of the EAP program but do not fulfill degree requirements. CLASS CHANGE: Class change is not possible once it starts.						
10692 005 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	CC 122	Gray A	Closed
CLASS CHANGE: Class change is not possible once it starts.						
10693 006 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CC 122	Gray A	Closed
CLASS CHANGE: Class change is not possible once it starts.						
10694 350 ONLINE	-----	-	01/17/17-05/19/17	Online	Ubben C	Closed
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. CLASS CHANGE: Class change is not possible once it starts.						

## 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
10695 002 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	CC 124	Rainwater M	Closed
CLASS CHANGE: Class change is not possible once it starts.						

## 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
10696 001 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CC 122	Lychnikova E	Closed
CLASS CHANGE: Class change is not possible once it starts.						
10697 002 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CC 128	Kastendick R	Closed
CLASS CHANGE: Class change is not possible once it starts.						
10699 005 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	RC 238	Gunbatar V	Closed
CLASS CHANGE: Class change is not possible once it starts.						
10700 007 F2F	M-W----	06:00-07:15 PM	01/18/17-05/19/17	LIB 352	Ellouz H	Closed
CLASS CHANGE: Class change is not possible once it starts.						

## 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 \(http://catalog.jccc.edu/coursedescriptions/eap/#EAP\\_122\)](http://catalog.jccc.edu/coursedescriptions/eap/#EAP_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10702 001 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CC 130	Kastendick R	Closed
CLASS CHANGE: Class change is not possible once it starts.						
10704 005 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CC 130	Couch J	Closed
CLASS CHANGE: Class change is not possible once it starts.						
10705 006 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	CC 130	Couch J	Closed
CLASS CHANGE: Class change is not possible once it starts.						
10707 010 F2F	M-W----	06:00-07:15 PM	01/18/17-05/19/17	CC 314	Couch J	Closed
CLASS CHANGE: Class change is not possible once it starts.						
10708 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Nguyen E	Closed
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. CLASS CHANGE: Class change is not possible once it starts.						

## 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 \(http://catalog.jccc.edu/coursedescriptions/econ/#ECON\\_132\)](http://catalog.jccc.edu/coursedescriptions/econ/#ECON_132)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10315 001 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	OCB 142	Syracuse F	Closed
10316 002 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	OCB 248	Syracuse F	Closed
10317 003 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	GEB 381	Young B	Closed
10318 004 F2F	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	OCB 248	Syracuse F	Closed
10319 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Syracuse F	Closed
Note: Two onsite class support sessions will be conducted on Tuesday, February 28 and Thursday, April 6. Both from 6-8pm in OCB 246.						
10320 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Clark L	Closed
10321 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Young B	Closed

### 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
10322 001 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	OCB 246	Hadley S	Closed
10323 002 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	OCB 248	Kim K	Closed
10324 003 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	OCB 246	Okao A	Closed
10325 004 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	OCB 248	Kim K	Closed
10326 005 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	OCB 246	Hadley S	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
10327 006 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	OCB 248	Owens D	Closed
10328 007 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	OCB 248	Okao A	Closed
10329 008 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	OCB 142	Syracuse F	Closed
10331 010 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	OCB 246	Proctor C	Closed
10332 011 F2F	M-W----	02:00-03:15 PM	01/18/17-05/19/17	GEB 256	Syracuse F	Closed
10333 012 F2F	M-W----	04:00-06:50 PM	03/27/17-05/19/17	CC 352	Frederick D	Closed
Note: This is an 8-week macroeconomics course. It begins on March 27, 2017. Students often take this course along with microeconomics (ECON 231-006, CRN 10354) which is offered in the first 8-weeks of the 16-week semester. This allows the student to earn 6 credit hours in economics in a single semester.						
10334 013 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	OCB 246	Brogna A	Closed
10336 014 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	GEB 279	Karscig M	Closed
10335 015 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	OCB 248	Owens D	Closed
10337 016 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	OCB 246	Karscig M	Closed
10338 018 F2F	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	OCB 246	Karscig M	Closed
10340 020 F2F	M-----	06:00-08:50 PM	01/23/17-05/19/17	OCB 248	Owens D	Closed
10341 021 F2F	-T-----	06:00-08:50 PM	01/17/17-05/19/17	CC 324	Kim K	Closed
10342 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Copeland D	Closed
10343 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Copeland D	Closed
10345 353 ONLNE	-----	-	01/17/17-05/19/17	Online	Clark L	Closed
10346 354 ONLNE	-----	-	01/17/17-05/19/17	Online	Brogna A	Closed
10347 355 ONLNE	-----	-	01/17/17-05/19/17	Online	Clark L	Closed
10348 356 ONLNE	-----	-	01/17/17-03/12/17	Online	Hadley S	Closed
Note: This section runs during the 1st 8-weeks of the semester on the dates shown above.						
10349 357 ONLNE	-----	-	03/27/17-05/19/17	Online	Hadley S	Closed
Note: This section runs during the 2nd 8-weeks of the semester on the dates shown above.						

## 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
10350 001 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	GEB 254	Brogna A	Closed
11019 002 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	OCB 142	Gordon L	Closed
10351 003 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	OCB 246	Kim K	Closed
10352 004 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	OCB 246	Gordon L	Closed
10353 005 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	OCB 248	Owens D	Closed
10354 006 F2F	M-W----	04:00-06:50 PM	01/18/17-03/08/17	CC 352	Frederick D	Closed
Two x 2 x 2						
Note: This 8-week microeconomics course is part of the Two x2 x 2 degree program schedule. However, any student can enroll in this course and earn 3 credit hours in microeconomics during the 8-week session (Please note that this course ends on March 8, 2017.) Students often combine this 8-week course with an 8-week macroeconomics course (ECON 230-012, CRN 10333) which begins on March 27, 2017. This allows the student to earn 6 credit hours in economics in a single semester.						
10356 007 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	OCB 248	Kim K	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
10357 008 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	OCB 246	Hadley S	Closed
10358 009 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	OCB 248	Owens D	Closed
13018 010 F2F	-T-R---	12:30-02:50 PM	03/28/17-05/19/17	SCI 124	Hamilton T	Closed
10359 011 F2F	-T-R---	03:30-04:45 PM	01/17/17-05/19/17	OCB 246	Syracuse F	Closed
10360 012 F2F	-T-----	06:00-08:50 PM	01/17/17-05/19/17	OCB 248	Ashworth S	Closed
10361 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Copeland D	Closed
10362 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Copeland D	Closed
10363 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Owens D	Closed
10364 353 ONLNE	-----	-	01/17/17-03/12/17	Online	Hadley S	Closed
Note: This section runs during the 1st 8-weeks of the semester on the dates shown above.						
10365 354 ONLNE	-----	-	03/27/17-05/19/17	Online	Hadley S	Closed
Note: This section runs during the 2nd 8-weeks of the semester on the dates shown above.						
12985 355 ONLNE	-----	-	01/17/17-05/19/17	Online	Copeland D	Closed

## 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
11278 001 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	HCDC 128	Rivers J	Closed
11279 002 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	SCI 212	Butler C	Closed
11280 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Strohschein M	Closed

### 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
11281 001 F2F	---R---	06:00-08:50 PM	01/19/17-05/19/17	HCDC 128	Keeton S	Closed
<i>Kansas Senate Bill SB 155</i>						
11282 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Hurst D	Closed
<i>Kansas Senate Bill SB 155</i>						

### 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
11283 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Salvato M	Closed
11284 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Salvato M	Closed

## EDUC 231 - Early Childhood Curriculum II

This methods course is designed for students who are, or will be, working in an early childhood education setting and parents or others who desire to develop an intellectually challenging environment for young children. The focus of the course is on curriculum areas that deal with the physical and social aspects of the world. Included in this inquiry curriculum are mathematics, science, social studies and nutrition. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite:** EDUC 131

Outline ([http://catalog.jccc.edu/coursedescriptions/educ/#EDUC\\_231](http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11285 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Hurst D	Closed

*Kansas Senate Bill SB 155*

## 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
11287 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Hurst D	Closed

## 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
11288 001 F2F	-T-----	06:00-08:50 PM	01/17/17-05/19/17	HCDC 128	McDonald K	Closed

*Kansas Senate Bill SB 155*

## EDUC 285 - Student Teaching: Early Childhood Education

This course will focus on the field experience of early childhood education students allowing them to apply their knowledge of teaching young children in a supervised setting. The student lab experience will occur in two different early childhood settings, with children of varying age groups. The course will also include a lecture/seminar component focused on practical application of student teaching experiences, as well as the development of a student teaching portfolio.

**Credit Hours:** 3

**Prerequisites:** EDUC 130 and EDUC 250 and EDUC 260 (All courses must be completed with a grade of "C" or higher.)

Outline ([http://catalog.jccc.edu/coursedescriptions/educ/#EDUC\\_285](http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_285))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11289 001 F2F	----F--	12:00-02:00 PM	01/20/17-05/19/17	HCDC 128	Hurst D	Closed

## 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
11901 001 F2F	M-W----	09:00-09:50 AM	01/18/17-05/19/17	ITC 184	Fouad H	Closed
	Lab M-W----	10:00-11:20 AM	01/18/17-05/19/17	ITC 184		
<i>Kansas Senate Bill SB 155</i>						
11902 002 F2F	-T-R--	06:00-06:50 PM	01/17/17-05/19/17	ITC 184	Cody P	Closed
	Lab -T-R--	07:00-08:20 PM	01/17/17-05/19/17	ITC 184		

*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
11904 001 F2F	M-W----	01:00-02:20 PM	01/18/17-05/19/17	ITC 188	Cody P	Closed
	Lab -----	-	01/18/17-05/19/17	ITC 186		

*Kansas Senate Bill SB 155*

### ELEC 134 - DC Circuits

This course covers resistive circuits having DC sources. Analysis topics include Ohm's law, Kirchoff's law, Watt's Law, the Superposition Theorem, Thevenin's Theorem and Norton's Theorem. The current, voltage and resistance relationships in series, parallel and combination circuits will be studied. 3 hrs. lecture and 3 hrs. lab/wk.

**Credit Hours:** 4

**Associated Costs:** \$25

**Prerequisite:** ELEC 120 Prerequisite or corequisite: MATH 130 (or higher)

Outline ([http://catalog.jccc.edu/coursedescriptions/elec/#ELEC\\_134](http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_134))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11903 001 F2F	M-W----	12:30-01:50 PM	01/18/17-05/19/17	ITC 184	Fouad H	Closed
	M-W----	02:00-03:20 PM	01/18/17-05/19/17	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
11905 001 F2F	M-W----	10:00-10:50 AM	01/18/17-05/19/17	ITC 188	Cody P	Closed
	Lab M-W----	11:00-12:20 PM	01/18/17-05/19/17	ITC 191B		

*Kansas Senate Bill SB 155*

12709 350 ONLNE	-----	-	01/17/17-03/12/17	Online	Lutz A	Closed
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*Kansas Senate Bill SB 155*

Note: This 8-week section is recommended to be taken followed by IT 120-350 Comp TIA A+ Practical Applications to align with the A+ Certification. You can progress at your own pace and complete it in 8 weeks or less based on your mastery of the course objectives. This course requires department approval. For more information, contact Andrew Lutz at [alutz4@jccc.edu](mailto:alutz4@jccc.edu) or 913-469-8500 ext. 2213

## 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
12753 001 F2F	-T-R---	07:00-07:50 PM	01/17/17-05/19/17	ITC 189	King M	Closed
	Lab -T-R---	08:00-09:20 PM	01/17/17-05/19/17	ITC 189		

*Kansas Senate Bill SB 155*

## ELEC 225 - Digital Electronics II

Students will continue their study of digital concepts and will learn how to build digital circuitry using digital integrated circuit chips and basic concepts of computer organization. In addition, emphasis will be placed on learning how to troubleshoot digital circuits and digital systems. Each student will build a digital computer through a series of laboratory projects. 2 hrs. lecture, 3 hrs. open lab/wk.

**Credit Hours: 3**

**Prerequisite:** ELEC 125

[Outline \(http://catalog.jccc.edu/coursedescriptions/elec/#ELEC\\_225\)](http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11908 001 F2F	-T-R---	01:00-01:50 PM	01/17/17-05/19/17	ITC 188	Cody P	Closed
	Lab -----	-	01/17/17-05/19/17	ITC 188		

*Kansas Senate Bill SB 155*

## ELEC 240 - Electronic Communication Systems

This course provides a study of electronic communication systems used in today's world. Topics will include the electromagnetic spectrum, decibels, signal-to-noise ratio, AM and FM super-heterodyne radios, antennas, transmission lines and the Global Positioning System. 3 hrs. lecture and 3 hrs. lab/wk.

**Credit Hours: 4**

**Prerequisite or corequisite:** ELEC 236

[Outline \(http://catalog.jccc.edu/coursedescriptions/elec/#ELEC\\_240\)](http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11909 001 F2F	M-W----	06:00-07:20 PM	01/18/17-05/19/17	ITC 184	King M	Closed
	Lab M-W----	07:30-08:50 PM	01/18/17-05/19/17	ITC 184		

*Kansas Senate Bill SB 155*

## ELEC 250 - Microcomputer Maintenance

This course is a continuation of the study of personal computers and will further the student's ability to maintain and repair them. In addition, this course will assist the student in preparing for computer-maintenance certification. Topics will include interaction of hardware and operating systems, resource conflicts, networking capabilities, common hardware and software problems, hardware differences of portable computers and upgrading computers. The course topics will be supported by laboratory projects. 2 hrs. lecture and 3 hrs. lab/wk.

**Credit Hours:** 3

**Associated Costs:** \$5 to 10

**Prerequisite:** ELEC 186

Outline ([http://catalog.jccc.edu/coursedescriptions/elec/#ELEC\\_250](http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11910 001 F2F	M-W----	06:00-06:50 PM	01/18/17-05/19/17	ITC 188	Pitts R	Closed
	Lab M-W----	07:00-08:20 PM	01/18/17-05/19/17	ITC 191B		

*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
11911 500 INT	-----	-	01/17/17-05/19/17		Cody P	5 of 5

*Kansas Senate Bill SB 155*

Requirement: Department approval

## Electrical Technology

### ELTE 150 - Solar Electric Systems

Solar Electric Systems presents the key components of photovoltaic (PV) conversion systems to produce electricity from sunlight. Solar module types and properties, balance of system components, stand-alone and utility interface, energy management and economics for a variety of PV applications are studied. 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:** ELTE 125

Outline ([http://catalog.jccc.edu/coursedescriptions/elte/#ELTE\\_150](http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11551 001 F2F	Lab M-W----	08:00-10:50 AM	03/20/17-05/10/17	ATB 168B	Eberle D	Closed
	-T-R---	08:00-10:50 AM	03/21/17-05/11/17	ATB 164		

*Kansas Senate Bill SB 155*

### ELTE 175 - Low Voltage Wiring

This course covers the basic theory, installation standards and code requirements for various low voltage systems and their connecting devices. Discussion of closed circuit television, security, telephone, fire alarm, computer networking and wireless systems will be incorporated with hands-on experience installing and terminating conductors and cables in a lab environment. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

**Credit Hours:** 3

**Associated Costs:** \$25 to \$50

**Prerequisite:** ELTE 200

Outline ([http://catalog.jccc.edu/coursedescriptions/elte/#ELTE\\_175](http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_175))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11562 001 F2F	--W----	05:00-06:50 PM	01/18/17-05/19/17	ATB 127	Clark H	Closed
	Lab --W----	07:00-09:50 PM	01/18/17-05/19/17	ATB 168A		

Kansas Senate Bill SB 155

## ELTE 200 - Commercial Wiring

This course covers commercial wiring methods that include practical application and hands-on experience in implementing the code requirements. Conduit hand bending techniques, conductor sizing and various wiring methods will also be discussed. The student will explore necessary skills to install electrical systems in a commercial occupancy, meeting the minimum requirements as set forth in the current National Electrical Code (NEC). 3 hrs. lecture/wk, 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

**Prerequisites:** ELTE 110 and ELTE 115

Outline ([http://catalog.jccc.edu/coursedescriptions/elte/#ELTE\\_200](http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_200))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11548 001 F2F	-T-R---	08:00-10:50 AM	01/17/17-03/09/17	ATB 164	Randazzo C	Closed
	Lab M-W----	08:00-10:50 AM	01/18/17-03/08/17	ATB 168B		

Kansas Senate Bill SB 155

Note: This section is for ELTE majors only

12596 002 F2F	MTW----	12:00-01:50 PM	01/17/17-03/08/17	ITC 189	Randazzo C	Closed
	Lab ---R---	02:00-04:50 PM	01/17/17-05/19/17	ATB 168B		

Kansas Senate Bill SB 155

Note: This section is for AET majors only

## ELTE 222 - National Electrical Code II

This course is a continuation of the National Electrical Code I course on the use and interpretation of the current National Electrical Code (NEC), chapters 5-9. Students will develop a working knowledge of the code requirements for special occupancies, special equipment, special conditions and communication systems, and be able to use the NEC tables to size conduit raceways. As a requirement of this course, students will take the Journeyman Electrical exam for the current code cycle and be responsible for fees associated with the cost of the exam. Please contact the program chair for more information about the Journeyman Electrical exam fees. 4 hrs. lecture/wk.

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

**Credit Hours:** 4

**Prerequisite:** ELTE 122

Outline ([http://catalog.jccc.edu/coursedescriptions/elte/#ELTE\\_222](http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_222))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11554 001 F2F	MTWR---	12:00-01:50 PM	03/20/17-05/11/17	ATB 127	Gilmore S	Closed

Kansas Senate Bill SB 155

## ELTE 250 - Industrial Wiring II

This course is a continuation of industrial wiring methods that include practical application and hands-on experience in implementing the code requirements. Motor installation and control, generator installation 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 225

Outline ([http://catalog.jccc.edu/coursedescriptions/elte/#ELTE\\_250](http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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<b>11557</b> 001 F2F	M-----	05:00-06:50 PM	01/23/17-05/15/17	ATB 127	Randazzo C	<b>Closed</b>
<b>Lab</b>	M-----	07:00-09:50 PM	01/23/17-05/15/17	ATB 168A		

Kansas Senate Bill SB 155

## ELTE 271 - Electrical Internship

The internship will provide advanced students the opportunity to apply classroom knowledge with 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, minimum 15 hrs. on-the-job training/wk.

**Credit Hours:** 3

**Prerequisite:** Department approval

Outline ([http://catalog.jccc.edu/coursedescriptions/elte/#ELTE\\_271](http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>12971</b> 500 INT	-----	-	01/17/17-05/19/17		Randazzo C	1 of 2

Kansas Senate Bill SB 155

Requirement: Department approval

## 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
<b>12400</b> 001 F2F	---R---	06:00-10:00 PM	01/19/17-02/16/17	SCI 222	Allen D Osborn T	<b>Closed</b>
<b>12405</b> 002 F2F	---R---	06:00-10:00 PM	03/30/17-04/27/17	SCI 222	Allen D	<b>Closed</b>
<b>12515</b> 005 F2F	M-----	12:45-02:45 PM	01/23/17-05/15/17	 LCCC 007	Allen D Stellwagon J	<b>Closed</b>

Accelerating Opportunity KS

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### 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
<b>12267</b> 001 F2F	--WR--	12:00-03:00 PM	01/18/17-05/18/17	SCI 112	Foster C Michel L	<b>Closed</b>
<b>12274</b> 002 F2F	MTW----	06:00-09:30 PM	01/17/17-03/08/17	SCI 222	Ratliff W Parker J	<b>Closed</b>

Kansas Senate Bill SB 155

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Kansas Senate Bill SB 155</i>						
12297 003 F2F	MTW----	06:00-09:30 PM	03/20/17-05/10/17	SCI 222	Ratliff W Parker J	Closed
<i>Kansas Senate Bill SB 155</i>						
12516 004 F2F	-T-RF--	12:45-02:45 PM	01/10/17-05/19/17	LCCC 007	Stellwagon J Smith B	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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](http://catalog.jccc.edu/coursedescriptions/ems/#EMS_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12424 001 F2F	-T-R---	01:30-05:30 PM	01/17/17-05/18/17	SCI 101L	Robinson J Hall G	Closed
	-T-R---	01:30-05:30 PM	01/17/17-05/19/17	SCI 101M		
	-T-R---	01:30-05:30 PM	01/17/17-05/19/17	SCI 101N		
	-----	-	01/17/17-05/19/17	Online		
<i>Kansas Senate Bill SB 155</i>						
12425 002 F2F	-T-R---	06:00-10:00 PM	01/17/17-05/19/17	SCI 101L	Biggs S	Closed
	-T-R---	06:00-10:00 PM	01/17/17-05/19/17	SCI 101M		
	-T-R---	06:00-10:00 PM	01/17/17-05/19/17	SCI 101N		
	-----	-	01/17/17-05/19/17	Online		
<i>Kansas Senate Bill SB 155</i>						
12704 003 F2F	-T-R---	06:00-10:00 PM	01/17/17-05/19/17	LCCC 007	Smith B Heininger J	Closed
<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](http://catalog.jccc.edu/coursedescriptions/ems/#EMS_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12426 001 F2F	--W----	06:00-09:00 PM	01/18/17-05/17/17	SCI 112	Wright R	Closed
<i>Kansas Senate Bill SB 155</i>						

## EMS 220 - MICT I

MICT I is the first of four courses in advanced out-of-hospital emergency medical care leading to the opportunity to sit for the National Registry Examination for Paramedics. In this narrowly focused but intense foundational course, the paramedic student will gain a significant knowledge of patient assessment, pharmacology and medication administration techniques, electrocardiography, advanced airway management and paramedic scope of practice. Much material will be covered rapidly, and emphasis is on organization, internalization and synthesis of the basic knowledge of the discipline in this 10-week course. Additionally, during the initial psychomotor teaching labs, students will gain the ability to assess patients, administer medications, treat dysrhythmias and manage the airway through manikin practice. 192 hrs. integrated lecture/lab.

**Credit Hours:** 10

**Associated Costs:** \$700 to 1,000

**Prerequisite:** Admission to the MICT program

Outline ([http://catalog.jccc.edu/coursedescriptions/ems/#EMS\\_220](http://catalog.jccc.edu/coursedescriptions/ems/#EMS_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12543 001 F2F	MTWRF--	09:00-04:30 PM	01/03/17-03/10/17	SCI 101L	Wnek S Parker R Craig S	Closed
	MTWRF--	09:00-04:30 PM	01/03/17-03/10/17	SCI 101M		
	MTWRF--	09:00-04:30 PM	01/03/17-03/10/17	SCI 101N		

*Kansas Senate Bill SB 155*

## EMS 225 - MICT II

MICT II is the second of four courses in advanced out-of-hospital emergency medical care leading to the opportunity to sit for the National Registry Examination for Paramedics. This course builds on the foundational knowledge developed in MICT I and covers advanced management of medical and trauma emergencies in the out-of-hospital environment. Much material will be covered rapidly, and emphasis is on organization, internalization, synthesis and application of the basic knowledge of the discipline in this 10-week course. Students demonstrate competency at motor skill performance, and extensive simulation practice is afforded. Students begin field observation with a paramedic ambulance crew and complete an Advanced Cardiac Life Support Course. 314 hrs. integrated lecture/lab/field experience.

**Credit Hours:** 10

**Prerequisite:** EMS 220 with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/coursedescriptions/ems/#EMS\\_225](http://catalog.jccc.edu/coursedescriptions/ems/#EMS_225))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12432 001 F2F	MTWRF--	09:00-04:30 PM	03/20/17-05/19/17	SCI 101L	Wnek S Parker R Craig S	Closed
	MTWRF--	09:00-04:30 PM	03/20/17-05/19/17	SCI 101M		
	MTWRF--	09:00-04:30 PM	03/20/17-05/19/17	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
11442 001 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	LIB 359	Harris S	Closed
11500 002 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	LIB 359	Harris S	Closed
11501 004 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	LIB 359	Harris S	Closed
12610 005 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	GEB 242	Way H	Closed

## 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.

**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
10766 960 IND	-----	-	01/17/17-05/12/17	LIB 308	Byrne K	47 of 50

*Writing Center Course*

## 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. 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](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_106))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12614 001 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	LIB 357	Pace A	Closed
12615 002 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CC 124	Pace A	Closed
11502 003 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	ATB 134	Davis D	Closed
11503 005 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	ATB 134	Davis D	Closed
11504 006 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	ATB 133	Brannan R	Closed
11505 007 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	ATB 133	Brannan R	Closed
12616 008 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	LIB 352	Lillich S	Closed
11515 010 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	ATB 133	Lillich S	Closed
11516 011 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	CC 124	Lillich S	Closed
11518 016 F2F	--W----	06:00-08:50 PM	01/18/17-05/19/17	LIB 359	Anderson K	Closed
11519 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Davis D	Closed
12613 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Davis D	Closed

## 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.

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_107](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_107))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10768 960 IND	-----	-	01/17/17-05/12/17	LIB 308	Byrne K	50 of 50

*Writing Center Course*

## 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.

**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
10770 350 ONLNE	-----	-	01/17/17-05/12/17	Online	Devictor C Byrne K	15 of 20
<i>Writing Center Course</i>						
10772 960 IND	-----	-	01/17/17-05/12/17	LIB 308	Byrne K	48 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.

**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
10775 960 IND	-----	-	01/17/17-05/12/17	LIB 308	Byrne K	49 of 50
<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.

**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
10776 960 IND	-----	-	01/17/17-05/12/17	LIB 308	Byrne K	40 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.

**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
10777 350 ONLNE	-----	-	01/17/17-05/12/17	Online	Devictor C Byrne K	17 of 20
<i>Writing Center Course</i>						
10779 960 IND	-----	-	01/17/17-05/12/17	LIB 308	Byrne K	48 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.

**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
10780 960 IND	-----	-	01/17/17-05/12/17	LIB 308	Byrne K	48 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
11698 001 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	CC 314	Karle K	Closed
<i>Accelerating Opportunity KS</i>						
11700 002 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	CC 316	Bennett S	Closed
<i>Accelerating Opportunity KS</i>						
11701 003 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	ATB 133	Murtaugh D	Closed
<i>Accelerating Opportunity KS</i>						
11702 005 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CC 215	Fitzpatrick M	Closed
<i>Special Focus</i>						
<i>Accelerating Opportunity KS</i>						
This course will transfer to all colleges and universities as Composition I. Students in this Health Related Professions Focus class will write essays and learn introductory research skills on healthcare themes, topics, and trends. This class is open to all students but will appeal most to students with an interest in medicine and healthcare related issues and professions. For further information, contact Prof. Fitzpatrick, <a href="mailto:mfitzpati@jccc.edu">mfitzpati@jccc.edu</a> .						
11703 006 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	ATB 132	Reynolds T	Closed
<i>Accelerating Opportunity KS</i>						
11704 007 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	LIB 357	Dixon G	Closed
<i>Accelerating Opportunity KS</i>						
11705 008 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CC 314	Karle K	Closed
<i>Accelerating Opportunity KS</i>						
12627 009 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	RC 342	Bennett S	Closed
<i>Accelerating Opportunity KS</i>						
11706 010 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	ATB 132	Reynolds T	Closed
<i>Accelerating Opportunity KS</i>						
11708 011 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	RC 342	Dixon G	Closed
<i>Accelerating Opportunity KS</i>						
11709 012 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CC 314	Karle K	Closed
<i>Accelerating Opportunity KS</i>						
11710 013 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CC 215	Pace A	Closed
<i>Accelerating Opportunity KS</i>						
11711 014 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	GEB 238	Bell S	Closed

This section's title is **Composition I Honors**.

*Accelerating Opportunity KS*

*Honors Course*

Note: This is an honors section. Enrollment is by permission, requiring a minimum ACT score of 27 or, if ACT is not available, appropriate placement test score. 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](mailto:honors@jccc.edu) or 913-469-8500 ext. 2434.

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>12628</b> 015 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	GP 101	Alexander D	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<b>11712</b> 016 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	CC 324	Boyer J	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<b>11713</b> 017 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	CC 215	Werkmeister S	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<b>11714</b> 018 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	CC 314	Frazier C	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<b>11715</b> 020 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	LIB 352	Alexander D	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<b>11716</b> 021 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	CC 329	Frazier C	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<b>11717</b> 022 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	CC 324	Boyer J	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<b>11718</b> 023 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	LIB 357	Chapman C	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<b>11720</b> 026 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	LIB 357	Chapman C	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<b>11721</b> 027 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	GEB 238	Bell S	<b>Closed</b>
This section's title is <b>Composition I Honors</b> .						
<i>Honors Course</i>						
<i>Accelerating Opportunity KS</i>						
Note: This is an honors section. Enrollment is by permission, requiring a minimum ACT score of 27 or, if ACT is not available, appropriate placement test score. 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@ccc.edu or 913-469-8500 ext. 2434.						
<b>11722</b> 029 F2F	M-W-F--	02:00-02:50 PM	01/18/17-05/19/17	GEB 242	Bell S	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<b>11723</b> 031 F2F	M-W-F--	03:00-03:50 PM	01/18/17-05/19/17	ATB 133	Brannan R	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<b>11725</b> 034 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	LIB 357	Rollins T	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<b>11727</b> 037 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CC 229	Broomfield A	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<i>Workplace Focus</i>						
<b>11728</b> 039 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	LIB 357	Rollins T	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<b>11729</b> 040 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	ATB 134	Jones N	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<b>11731</b> 043 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	ATB 134	Jones N	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<b>11732</b> 044 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	ATB 133	Brannan R	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<b>11735</b> 048 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CC 124	Biondo A	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<b>11736</b> 050 F2F	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	ATB 133	Jackson M	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<b>11737</b> 051 F2F	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	ATB 132	Longfellow B	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<b>11738</b> 053 F2F	-T-R---	03:30-04:45 PM	01/17/17-05/19/17	LIB 357	Way H	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<b>13057</b> 054 F2F	M-----	06:00-09:15 PM	02/13/17-05/14/17	CC 126A	Ness W	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<b>11739</b> 055 F2F	M-----	06:00-08:50 PM	01/23/17-05/19/17	ATB 133	Schaff P	<b>Closed</b>

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Accelerating Opportunity KS</i>						
11741 058 F2F	-T-----	06:00-08:50 PM	01/17/17-05/19/17	ATB 134	Jones N	Closed
<i>Accelerating Opportunity KS</i>						
11742 059 F2F	-T-----	06:00-08:50 PM	01/17/17-05/19/17	ATB 132	Schaff P	Closed
<i>Accelerating Opportunity KS</i>						
11744 062 F2F	--W----	06:00-08:50 PM	01/18/17-05/19/17	CC 312	Biondo A	Closed
<i>Accelerating Opportunity KS</i>						
11745 064 F2F	---R---	06:00-08:50 PM	01/19/17-05/19/17	ATB 132	Longfellow B	Closed
<i>Accelerating Opportunity KS</i>						
11747 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Kern S	Closed
<i>Accelerating Opportunity KS</i>						
11748 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Werkmeister S	Closed
<i>Accelerating Opportunity KS</i>						
11749 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Werkmeister S	Closed
<i>Accelerating Opportunity KS</i>						
11750 353 ONLNE	-----	-	01/17/17-05/19/17	Online	Reynolds T	Closed
<i>Accelerating Opportunity KS</i>						
11751 354 ONLNE	-----	-	01/17/17-05/19/17	Online	Dixon G	Closed
<i>Accelerating Opportunity KS</i>						
11752 355 ONLNE	-----	-	01/17/17-05/19/17	Online	Lycan B	Closed
<i>Accelerating Opportunity KS</i>						
11753 356 ONLNE	-----	-	01/17/17-05/19/17	Online	Cooper J	Closed
<i>Accelerating Opportunity KS</i>						
11754 357 ONLNE	-----	-	01/17/17-05/19/17	Online	Cooper J	Closed
<i>Accelerating Opportunity KS</i>						
11755 358 ONLNE	-----	-	01/17/17-05/19/17	Online	Kern S	Closed
<i>Accelerating Opportunity KS</i>						
11757 360 ONLNE	-----	-	01/17/17-05/19/17	Online	Nelson J	Closed
<i>Accelerating Opportunity KS</i>						
11762 361 ONLNE	-----	-	01/17/17-03/12/17	Online	Petrillo S	Closed
<i>Accelerating Opportunity KS</i>						
11758 362 ONLNE	-----	-	01/30/17-05/19/17	Online	Nelson J	Closed
<i>Accelerating Opportunity KS</i>						
12630 363 ONLNE	-----	-	02/06/17-05/19/17	Online	Petrillo S	Closed
<i>Accelerating Opportunity KS</i>						
11760 364 ONLNE	-----	-	02/13/17-05/14/17	Online	Restivo P	Closed
<i>Accelerating Opportunity KS</i>						
11764 367 ONLNE	-----	-	03/27/17-05/19/17	Online	Workman C	Closed
<i>Accelerating Opportunity KS</i>						
11767 426 SEL	-----	-	01/17/17-05/18/18	Self Paced	Fitzpatrick M	6 of 20

*Accelerating Opportunity KS*  
Note: Enrollment for ENGL 121-426 starts on November 1, 2016 and ends on March 31, 2017 or until full. For more information and permission to enroll in this self-paced class, please Prof. Fitzpatrick at 913 469-8500, ext. 3739 or e-mail her at mfitzpat@jccc.edu.  
Requirement: Department approval

## ENGL 122 - Composition II

Because so much writing is required in college and in the workplace demands the ability to synthesize information gathered from various sources, Composition II will focus on skills essential to gathering, comprehending, analyzing, evaluating and synthesizing information. Composition II also emphasizes organizing and polishing steps important in composing expository, evaluative and persuasive prose. 3 hrs. lecture/wk.

**Credit Hours:** 3  
**Prerequisite:** ENGL 121



CRN	Days	Time	Date	Location	Instructor	Seats Open
11818 001 F2F	M-W-F--	07:00-07:50 AM	01/18/17-05/19/17	CC 316	Bennett S	Closed
11819 002 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	CC 217	McWard J	Closed
12801 003 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	CC 323	Stock J	Closed
11820 004 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CC 217	McWard J	Closed
11821 005 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	LIB 359	Browning M	Closed
11845 006 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CC 316	Broomfield A	Closed
11846 007 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	LIB 352	Hogan Adams M	Closed
11847 008 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CC 323	Hodgkin J	Closed
11850 009 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	ATB 133	Cantwell D	Closed
11864 011 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CC 217	Browning M	Closed
11866 012 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	LIB 352	Brunner L	Closed
11868 013 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CC 316	Broomfield A	Closed
11869 014 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	LIB 357	Schmeer M	Closed
11871 015 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	ATB 133	Cantwell D	Closed
11873 017 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	ATB 133	Carpenter W	Closed
11876 018 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	CC 316	Hodgkin J	Closed
11878 019 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	CC 217	Brunner L	Closed
11881 020 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	LIB 357	Schmeer M	Closed

This section's title is **Comp II Honors**.

#### Honors Course

Note: This is an honors section. Enrollment is by permission, requiring an A in Composition I and department approval. 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](mailto:honors@jccc.edu) or 913-469-8500 ext. 2434.

11886 022 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	GEB 242	Bell S	Closed
11888 023 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	CC 314	Carpenter W	Closed
11890 024 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	CC 215	Stock J	Closed
11892 027 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	CC 314	Carpenter W	Closed
11893 028 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	CC 217	Skidmore P	Closed
11895 030 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	CC 215	Davis M	Closed
11897 033 F2F	M-W-F--	02:00-02:50 PM	01/18/17-05/19/17	CC 215	Davis M	Closed
11898 034 F2F	M-W-F--	02:00-02:50 PM	01/18/17-05/19/17	CC 122	Schmeer M	Closed
11900 037 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	CC 215	Paldino L	Closed
11912 038 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	CC 122	Petrillo S	Closed
11913 040 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	ATB 132	Luthi G	Closed
11914 041 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CLB 211	Jackson M	Closed
11915 042 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CC 329	Alexander D	Closed
11916 044 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	ATB 132	Luthi G	Closed
11917 045 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	CC 215	Fitzpatrick M	Closed
11918 046 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	CC 314	Davis D	Closed
11919 047 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	LIB 357	Broomfield A	Closed
11920 049 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CC 329	Alexander D	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
11921 050 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	LIB 359	Werkmeister S	Closed
11922 051 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CC 314	Davis D	Closed
11923 052 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CC 215	Ganguly Puckett S	Closed
11924 053 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CC 128	Small J	Closed
11925 055 F2F	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	GEB 242	Senter M	Closed
11926 056 F2F	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	ATB 134	Jones N	Closed
11927 058 F2F	-T-R---	03:30-04:45 PM	01/17/17-05/19/17	CC 128	Small J	Closed
11929 062 F2F	M-----	06:00-08:50 PM	01/23/17-05/19/17	ATB 132	Luthi G	Closed
11930 064 F2F	-T-----	06:00-08:50 PM	01/17/17-05/19/17	GEB 242	Koenigsdorf F	Closed
11932 066 F2F	-T-----	06:00-09:00 PM	01/31/17-05/19/17	DSH 210	Devictor C	Closed
11934 070 F2F	---R---	06:00-08:50 PM	01/19/17-05/19/17	CC 122	Funari A	Closed
11935 072 F2F	-----U	02:00-04:50 PM	01/22/17-05/19/17	CC 215	Kennard D	Closed
11936 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Browning M	Closed
11937 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Fitzpatrick M	Closed
<i>Special Focus</i>						
This course will transfer to all colleges and universities as Composition II. Students in this Health Related Professions Focus class will read and research using medical and professional texts in order to compose essays and reports on issues related to healthcare and healthcare professions. This class is open to all students but will appeal most to students with an interest in medicine and healthcare related issues and professions. For further information, contact Prof. Fitzpatrick, mfitzpati@jccc.edu.						
11938 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Rollins T	Closed
11939 353 ONLNE	-----	-	01/17/17-05/19/17	Online	Rollins T	Closed
11940 354 ONLNE	-----	-	01/17/17-05/19/17	Online	Davis D	Closed
11942 356 ONLNE	-----	-	01/17/17-05/19/17	Online	Dixon G	Closed
11941 357 ONLNE	-----	-	01/17/17-05/19/17	Online	Davis D	Closed
11943 358 ONLNE	-----	-	01/17/17-05/19/17	Online	Ganguly Puckett S	Closed
11944 359 ONLNE	-----	-	01/17/17-05/19/17	Online	Ganguly Puckett S	Closed
11945 360 ONLNE	-----	-	01/17/17-05/19/17	Online	Lycan B	Closed
11946 361 ONLNE	-----	-	01/17/17-05/19/17	Online	Workman C	Closed
11947 362 ONLNE	-----	-	01/17/17-05/19/17	Online	Lane J	Closed
11948 363 ONLNE	-----	-	01/17/17-05/19/17	Online	Lane J	Closed
11957 364 ONLNE	-----	-	01/17/17-05/19/17	Online	Heflin R	Closed
11958 367 ONLNE	-----	-	01/30/17-05/19/17	Online	Knight E	Closed
11960 368 ONLNE	-----	-	01/30/17-05/19/17	Online	Knight E	Closed
11961 369 ONLNE	-----	-	02/13/17-05/14/17	Online	Funari A	Closed
11962 370 ONLNE	-----	-	03/27/17-05/19/17	Online	Heflin R	Closed
11964 426 SEL	-----	-	01/17/17-05/18/18	Self Paced	Ganguly Puckett S	10 of 20

Note: Enrollment for ENGL 122-426 starts January 3 and ends March 31, 2017 or until full. For more information or permission to enroll in this self-paced class, please contact Prof. Ganguly-Puckett at 913 469-8500, ext. 4576 or e-mail her at sganguly@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](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11520 001 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CC 217	McWard J	Closed
11522 002 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	CC 217	McWard J	Closed
11523 003 F2F	--W----	06:00-08:50 PM	01/18/17-05/19/17	CC 217	Schmeer M	Closed
11524 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Hogan Adams M	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11526 001 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	CC 329	Scanlan T	Closed
<i>Special Focus</i> Note: ENGL 130-001 emphasizes Russian Literature from the ninth century to the present day. Students examine representative examples of Russian fiction, poetry, and drama. For more information, please contact the instructor, Tatiana Scanlan, <a href="mailto:tscanla1@jccc.edu">tscanla1@jccc.edu</a> .						
11527 003 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	CC 329	Hogan Adams M	Closed
11528 004 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	ATB 132	Reynolds T	Closed
11529 005 F2F	M-----	06:00-09:00 PM	01/30/17-05/19/17	ATB 131	Alexander D	Closed
11530 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Hogan Adams M	Closed
11531 426 SEL	-----	-	01/17/17-05/18/18	Self Paced	Ganguly Puckett S	16 of 20

Note: Enrollment for ENGL 130-426 starts on January 3 and ends on March 31, 2017 or until full. For more information and permission to enroll in this self-paced class, please Prof. Ganguly-Puckett at 913 469-8500, ext. 4576 or e-mail her at [sganguly@jccc.edu](mailto:sganguly@jccc.edu).

Requirement: Department approval

## ENGL 140 - Writing for Interactive Media

This course teaches students to apply the writing process as well as fundamental rhetorical and composition skills to various interactive media including web pages, CD-ROMs/DVD, e-mail, kiosks, support materials, simulations, social networking and other electronic media. The instruction will focus on skills essential to selecting, evaluating and synthesizing information from primary and secondary sources; in addition, it will emphasize the different approaches to organization that these media require as well as the variety of discourse styles used in informative, instructional, persuasive and entertainment media texts. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Associated Costs:** \$10 to 20

**Prerequisite:** ENGL 121

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_140](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11532 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Fitzpatrick M	Closed

## 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
11533 001 F2F	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	CC 217	Schmeer M	Closed

## ENGL 205 - Bible as Literature

This course introduces students to the literary aspects of Bible. Students will read extracts from both the Hebrew and Greek portions of the Bible in translation. They will learn to analyze these readings as representatives of the Bible's many literary forms. Students will also sample from later literary works that draw on biblical sources for their inspiration. Students will write essays demonstrating their understanding of the works studies. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite:** ENGL 122

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_205](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11534 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Browning M	Closed

## ENGL 215 - U.S. Latino and Latina Literature

This course introduces students to texts by U.S. writers of Hispanic descent or origin. Written primarily in English, the texts may include fiction, non-fiction, poetry, drama, and/or film. The readings, discussions, and related writing projects will emphasize the relationship between mainstream America and borderland writers; explore the cultural and artistic context of the writers and their works; recognize and assess the use of major narrative and rhetorical strategies; and stimulate consideration of issues surrounding assimilation, identity formation, code-switching, and cultural hybridity. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite or corequisite:** ENGL 122

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_215](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_215))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12223 001 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	GEB 242	Werkmeister S	Closed

## 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
11535 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Hogan Adams M	Closed

## 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
11537 001 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	ATB 132	Luthi G	Closed

## ENGL 224 - Creative Writing Workshop

In this class, students will build upon the knowledge and skills learned in ENGL 223. In addition to studying writing techniques, they will produce a body of written work in one or more literary genres of their choice: poetry, fiction, and/or drama. They will also read other students' work and provide useful feedback on that work. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Associated Costs:** \$15 to 25

**Prerequisite:** ENGL 223

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_224](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_224))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11654 001 F2F	--W----	06:00-08:50 PM	01/18/17-05/19/17	ATB 132	Luthi G	Closed

## 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
11655 001 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	ATB 134	Reynolds T	Closed

## 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
11656 001 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	ATB 132	Harris S	Closed
11657 002 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	ATB 134	Davis D	Closed

### Special Focus

Note: This course focuses on the literary genre of Fantasy. All poems, plays and fiction will be representative of that genre. Along with the structural elements of the various forms, we will also look at what defines Fantasy as a genre. For further information, please contact Prof. Dave Davis, [ddavis@jccc.edu](mailto:ddavis@jccc.edu).

11658 350 ONLINE	-----	-	01/17/17-05/19/17	Online	Restivo P	Closed
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## 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
11659 001 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	GEB 242	Senter M	Closed
11660 002 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	GEB 242	Senter M	Closed
11661 003 F2F	-T-----	06:00-08:50 PM	01/17/17-05/19/17	ATB 133	Steinheider S	Closed

## 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
11662 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Browning M	Closed

## ENGL 237 - British Literature II

In this survey course, the student will study British literature written from 1800 to the present. Major authors from the Romantic, Victorian and Modern eras, such as Austen, Blake, Wordsworth, the Shelleys, Dickens, Tennyson, the Brownings, Eliot, and Woolf, will be included. The course will emphasize the relationships among influential writers, their lives and times. Additionally, the student will explore the literary differences between the British culture and one other culture that was governed by the British Empire. Such non-British literary works may be chosen from the traditions of Australia, India, Asia, various regions of Africa, or the Middle East. British Literature I is NOT a prerequisite for this course. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite:** ENGL 122

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_237](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_237))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11663 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Harris S	Closed

## ENGL 247 - American Literature II

This survey course is a stand-alone course which need not be taken after American Literature I, covering the pre-Colonial period through the post-Civil War era. American Literature II presents a series of literary works by American writers that reflects the attitudes and identity of our national literature and culture from the post-Civil War era to the present. By grappling with the ideas and characterizations presented in each assigned literary work, the student develops meaningful insights into the attitudes and human conditions that have influenced and are still influencing America's national literary identity. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite:** ENGL 122

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_247](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_247))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11664 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Davis D	Closed

## 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
11665 001 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	CC 229	Werkmeister S	Closed

### 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
11667 350 ONLINE	-----	-	01/17/17-05/19/17	Online	McWard J	Closed

### 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
11412 001 F2F	M-W----	12:30-01:45 PM	01/18/17-05/19/17	ITC 122	Johnson S	Closed
	Lab -----	-	01/18/17-05/19/17	ITC 124		

#### ENGR 254 - Dynamics

Upon successful completion of this course, the student should be able to apply the principles of dynamics, the branch of engineering mechanics that studies objects in motion. Topics covered will include unbalanced force systems (Newton's second law), displacement, velocity and acceleration, work and energy, and impulse and momentum. Computer applications may be included. This course is typically offered in the spring semester. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite:** ENGR 251

[Outline \(http://catalog.jccc.edu/coursedescriptions/engr/#ENGR\\_254\)](http://catalog.jccc.edu/coursedescriptions/engr/#ENGR_254)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11413 001 F2F	M-W----	03:00-04:15 PM	01/18/17-05/19/17	ITC 122	Johnson S	Closed

### 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
12624 001 F2F	-T-----	02:00-05:10 PM	01/17/17-03/07/17	RC 342	Duffey D	Closed
Note: This section runs during the 1st 8 weeks of the semester on the dates shown above.						
10301 002 F2F	--W----	06:00-09:10 PM	03/22/17-05/10/17	RC 342	Magnant J	Closed
Note: This section runs during the 2nd 8-weeks of the semester on the dates shown above.						
10302 350 ONLNE	-----	-	01/17/17-03/12/17	Online	Grandgenett C	Closed
Note: This section runs during the 1st 8 weeks of the semester on the dates shown above.						
10303 351 ONLNE	-----	-	03/20/17-05/14/17	Online	Grandgenett C	Closed
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
10304 001 F2F	M-----	12:00-03:45 PM	02/27/17-05/08/17	RC 342	Duffey D	Closed
Note: It is a REQUIREMENT the book for this class is bought in the JCCC bookstore as it has access codes that are needed for assignments related to course completion.						
12625 350 ONLNE	-----	-	02/27/17-05/14/17	Online	Magnant J	Closed

## ENTR 131 - Financial Management for Small Business

Upon successful completion of this course, the student should be able to identify and evaluate the various sources available for funding a small business; demonstrate an understanding of financial terminology; read, prepare and analyze a financial statement; and write a loan proposal. In addition, the student should be able to explain the importance of working capital and cash management. The student should also be able to identify financing needs, establish credit policies, and prepare sales forecasts. This course is required for a vocational certificate and associate of applied science degree in business entrepreneurship. 2 hrs. lecture/wk.

**Credit Hours:** 2

**Prerequisite:** ACCT 111 or ACCT 121

[Outline \(http://catalog.jccc.edu/coursedescriptions/entr/#ENTR\\_131\)](http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_131)

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10306 001 F2F	---R---	06:00-09:10 PM	03/23/17-05/11/17	RC 342	Sutton D	Closed
<i>Kansas Senate Bill SB 155</i>						
Note: This section runs during the 2nd 8-weeks of the semester on the dates shown above.						

## 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
10307 350 ONLNE	-----	-	02/27/17-05/14/17	Online	Addressi J	Closed
	M-----	06:00-09:10 PM	03/06/17-03/06/17	RC 342		

*Co-requisite to enroll in*

*Mandatory Classroom Meetings*

Note: This online section does require one face-to-face meeting time with the faculty member. This meeting is scheduled on Monday, March 6, 2017, from 6:00-9:10pm in RC 342



## ENTR 160 - Legal Issues for Small Business

Upon successful completion of this course, the student should be able to identify the forms of business ownership and the legal and tax implications for each. In addition, the student should be able to explain laws covering issues such as personnel, contracts and protection of intellectual property. The student should also be able to explain the reporting requirements for local, state and federal agencies. This course is required for the associate of applied science degree and the vocational certificate in business. 2 hrs. lecture/wk.

**Credit Hours:** 2

[Outline \(http://catalog.jccc.edu/coursedescriptions/entr/#ENTR\\_160\)](http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10308 350 ONLNE	-----	-	03/20/17-05/14/17	Online	Magnant J	Closed

Note: This section runs during the 2nd 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
10309 001 F2F	--W----	02:00-05:10 PM	01/18/17-03/08/17	RC 342	Duffey D	Closed

*Co-requisite to enroll in*

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

10310 350 ONLNE	-----	-	03/20/17-05/14/17	Online	Izard M	Closed
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*Co-requisite to enroll in*

Note: This section runs during the 2nd 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
10312 500 INT	-----	-	01/17/17-05/19/17		Duffey D	22 of 25

Requirement: Department approval

## 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
10313 500 INT	-----	-	01/17/17-05/19/17		Duffey D	22 of 25

Requirement: Department approval

## 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
10450 001 F2F	M-W----	10:30-11:50 AM	01/18/17-05/19/17	OCB 374	Benjamin B	Closed
<i>Kansas Senate Bill SB 155</i>						
10451 002 F2F	-T-R---	11:00-12:20 PM	01/17/17-05/19/17	GEB 354	Benjamin B	Closed
<i>Kansas Senate Bill SB 155</i>						
10482 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Benjamin B	Closed
<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
10483 001 F2F	M-W----	09:00-10:20 AM	01/18/17-05/19/17	OCB 374	Michaelis A	Closed
<i>Kansas Senate Bill SB 155</i>						
10484 002 F2F	-T-R---	09:30-10:50 AM	01/17/17-05/19/17	OCB 374	Michaelis A	Closed
<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
10485 001 F2F	M-W----	02:00-04:50 PM	01/18/17-05/19/17	OCB 343A	Peter S	Closed
<i>Kansas Senate Bill SB 155</i>						
10486 002 F2F	-T-R---	02:00-04:50 PM	01/17/17-05/19/17	OCB 343A	Peter S	Closed
<i>Kansas Senate Bill SB 155</i>						
10487 003 F2F	-T-R---	06:00-08:50 PM	01/17/17-05/19/17	OCB 343A	Delaney G	Closed
<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
10489 001 F2F	M-W----	11:00-01:50 PM	01/18/17-05/19/17	OCB 343A	Behnen M	Closed
<i>Kansas Senate Bill SB 155</i>						
10490 002 F2F	-T-R---	06:00-08:50 PM	01/17/17-05/19/17	OCB 343A	Delaney G	Closed
<i>Kansas Senate Bill SB 155</i>						
10491 003 F2F	----F--	11:00-05:00 PM	01/20/17-05/19/17	OCB 343A	Delaney G	Closed
<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 \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_125\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10492 001 F2F	M-----	12:00-02:50 PM	01/23/17-05/19/17	GEB 354	Lykens C	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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 \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_130\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10510 001 F2F	M-W----	01:30-02:50 PM	01/18/17-05/19/17	OCB 374	Benjamin B	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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
10513 001 F2F	M-W----	03:00-05:50 PM	01/18/17-05/19/17	GEB 354	Lapping J	Closed
<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
10525 001 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	OCB 374	Rhodes J	Closed

*Kansas Senate Bill SB 155*

## FASH 143 - Tailoring

Upon successful completion of this course, the student should be able to apply advanced construction principles, techniques and skills in the production of tailored garments. This course is a continuation of FASH 124, Apparel Construction II. The class will use lecture, demonstration and hands-on experience as the student completes a trial muslin for a jacket or coat plus a finished three-piece ensemble of advanced complexity during this class. 6 hrs. integrated lecture/lab/wk.

**Credit Hours:** 4

**Associated Costs:** \$100 to 300

**Prerequisite:** FASH 124

Outline ([http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_143](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_143))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12644 001 F2F	----F--	11:00-05:00 PM	01/20/17-05/19/17	OCB 343A	Delaney G	Closed

*Kansas Senate Bill SB 155*

## FASH 150 - Textiles

Upon successful completion of this course, the student should be able to differentiate fibers and fabrics according to their specific characteristics and to select fibers and fabrics for specific applications. In addition, the student should be able to identify properties and characteristics of natural and man-made fibers, the properties and characteristics of yarns, fabric construction methods including weaving and knitting and various finishing processes including printing and dyeing. 3 hrs. lecture/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_150](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10541 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Hillen D	Closed

*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
10547 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Benjamin B	Closed

## FASH 225 - Store Planning

Upon successful completion of this course, the student should be able to demonstrate the skills needed to plan and execute the display methods and store planning concepts for promoting merchandise within a large or small store interior. These plans will use the student's understanding of design, fixtures, traffic patterns, floor sets, graphics/signage and materials. This course is a requirement for the visual merchandising certificate. 3 hrs. lecture/wk. This course is typically taught in the spring semester.

**Credit Hours:** 3

**Prerequisite:** FASH 125

Outline ([http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_225](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_225))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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### FASH 231 - Merchandising Planning and Control

Upon successful completion of this course, the student should be able to describe the management structure of retail merchandising operations, contrast merchandising functions among various types of retail operations, explain the buying process, explain the financial operations of retail merchandising and apply these principles in computer-simulated case situations. 3 hrs. lecture/wk. This course is typically taught in the spring semester.

**Credit Hours:** 3

**Prerequisite:** MATH 120

Outline ([http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_231](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12800 376 HYB	-----	-	01/17/17-05/19/17	Online	Jester J	Closed
	--W----	06:00-08:50 PM	01/18/17-05/17/17	OCB 374		

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

### FASH 255 - Apparel Specification Technology

Upon successful completion of this course, the student should be able to define the critical components of an apparel technical package and its importance in the product development process. Students will use industry product lifecycle management software to develop a detailed apparel technical package. The class will use lecture, demonstration and hands on experience. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisites:** FASH 131 and FASH 133

Outline ([http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_255](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_255))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10554 001 F2F	M-W----	12:00-01:20 PM	01/18/17-05/19/17	OCB 374	Michaelis A	Closed

Kansas Senate Bill SB 155

### FASH 275 - Fashion Portfolio Development

Students will compile, select and create new material for their portfolio as well as evaluate their own competencies and strengths. In addition, students will create a resume and perform a mock interview to be reviewed by faculty and peers. 1 hr. lecture/wk.

**Credit Hours:** 1

**Prerequisites:** FASH 121 and FASH 124 and FASH 270

Outline ([http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_275](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_275))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10555 001 F2F	-T-----	01:00-01:50 PM	01/17/17-05/19/17	OCB 374	Michaelis A	Closed

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
11083 001 F2F	M-W----	11:00-11:50 AM	01/18/17-05/19/17	GEB 354	Lykens C	Closed

### FASH 280 - Capstone: Industry Topics

Upon successful completion of this course, the student should be able to exhibit knowledge and work-based skill inherent to fashion retailing, wholesaling and manufacturing. The student will have opportunities to apply knowledge gained in prior courses analyzing industry topics. This capstone course will review and evaluate competencies that are essential for employment in the fashion industry. This course is required for the Fashion Merchandising program. 3 hrs. lecture/wk. This course is typically taught in the spring semester.

**Credit Hours:** 3

**Prerequisites:** 40 credit hours toward Fashion Merchandising or Design degree to be approved by the department. Students must pass all FASH courses with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_280](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_280))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10558 001 F2F	-T-R---	09:30-10:50 AM	01/17/17-05/19/17	GEB 354	Rhodes J	Closed
<i>Kansas Senate Bill SB 155</i> Capstone: Industry Tropics-Design						
10559 002 F2F	M-W----	09:30-10:50 AM	01/18/17-05/19/17	GEB 354	Rhodes J	Closed
<i>Kansas Senate Bill SB 155</i> Capstone: Industry Tropics-Merchandise						

### 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
10560 500 INT	-----	-	01/17/17-05/19/17		Benjamin B	20 of 25
<i>Kansas Senate Bill SB 155</i>						

### 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
10561 500 INT	-----	-	01/17/17-05/19/17		Benjamin B	8 of 14
<i>Kansas Senate Bill SB 155</i>						

### 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
10562 500 INT	-----	-	01/17/17-05/19/17		Benjamin B	7 of 10
<i>Kansas Senate Bill SB 155</i>						

### 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
10563 500 INT	-----	-	01/17/17-05/19/17		Benjamin B	5 of 10

*Kansas Senate Bill SB 155*

## Fire Services Administration

### FIRE 120 - Fire Academy

This course provides cognitive, psychomotor and affective instruction for those students seeking certification as a 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
12670 201 F2F	-T-----	05:30-08:30 PM	01/31/17-06/04/17	 OPF	Thomas N Wigginton T Mosher F Wickersheim D Barnum E Miller T Stapp J	Closed
	--WR---	05:30-09:30 PM	02/01/17-06/04/17	 OPF		
	----S-	08:30-12:30 PM	02/04/17-06/04/17	 OPF		

*Kansas Senate Bill SB 155*

### FIRE 136 - Fire and Emergency Management

Managing resources is a part of every incident. The ability to manage these resources is crucial in safely and effectively mitigating the incident. Organizations must have a system in place prior to the incident, which will facilitate the management of resources. Federal legislation mandates organizations, which respond to hazardous materials incidents, use an incident management system. This course provides information about incident management systems, as well as pursues issues wherein it needs to be utilized. 3 hrs. lecture/wk. This course is typically taught in the spring semester.

**Credit Hours:** 3

**Prerequisite:** FIRE 110 or FIRE 120

Outline ([http://catalog.jccc.edu/coursedescriptions/fire/#FIRE\\_136](http://catalog.jccc.edu/coursedescriptions/fire/#FIRE_136))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12667 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Thomas N	Closed

*Kansas Senate Bill SB 155*

### FIRE 152 - Codes/Detection and Suppression Systems

This course will provide a basis for students to become familiar with and utilize fire codes that are in use today. It will also provide students with basic knowledge of detection and suppression systems that are an ever increasing part of fire control today. 3 hrs. lecture/wk. This course is typically taught in the spring semester.

**Credit Hours:** 3

**Prerequisite:** FIRE 110 or FIRE 120

Outline ([http://catalog.jccc.edu/coursedescriptions/fire/#FIRE\\_152](http://catalog.jccc.edu/coursedescriptions/fire/#FIRE_152))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12668 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Thomas N	Closed

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

## FIRE 201 - Leadership in the Fire Service

This is a course that will delve into leadership as defined and utilized in the fire service setting. It will review many types of leaders and the qualities that make them leaders. It will also provide students insight into the type of leaders they may see in the fire service as well as provide them with role models for their use as future fire service leaders. 3 hrs. lecture/wk. This course is typically taught in the spring semester.

**Credit Hours:** 3

**Prerequisite:** FIRE 110 or FIRE 120

Outline ([http://catalog.jccc.edu/coursedescriptions/fire/#FIRE\\_201](http://catalog.jccc.edu/coursedescriptions/fire/#FIRE_201))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12669 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Thomas N	Closed

Kansas Senate Bill SB 155

## Foreign Language

### FL 121 - Elementary German II

This course will continue the presentation of the vocabulary and basic structural patterns begun in Elementary German I with continued emphasis on the development of listening comprehension, speaking, reading and writing skills. 5 hrs. lecture/wk.

**Credit Hours:** 5

**Prerequisite:** FL 120 or one year of high-school German

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_121](http://catalog.jccc.edu/coursedescriptions/fl/#FL_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12143 001 F2F	M-W-F--	02:00-03:25 PM	01/18/17-05/19/17	GEB 281	McDonald T	Closed

### 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
12155 001 F2F	MTWRF--	11:00-11:50 AM	01/17/17-05/19/17	CC 224	Hillen J	Closed
12156 002 F2F	M-W-F--	08:00-09:25 AM	01/18/17-05/19/17	CC 224	Stephenson K	Closed
12157 003 F2F	M-W-F--	09:30-10:55 AM	01/18/17-05/19/17	CC 224	Stephenson K	Closed
12159 004 F2F	M-W-F--	12:00-01:25 PM	01/18/17-05/19/17	CC 224	Stephenson K	Closed
12160 005 F2F	M-W-F--	12:00-01:40 PM	01/30/17-05/19/17	CC 130	Tredway S	Closed
12161 006 F2F	M-W-F--	02:00-03:25 PM	01/18/17-05/19/17	CC 224	Sommerville S	Closed
12162 007 F2F	M-W----	06:00-08:10 PM	01/18/17-05/19/17	GEB 217	Sommerville A	Closed
12164 009 F2F	-T-R---	12:30-02:40 PM	01/17/17-05/19/17	GEB 215	Michael J	Closed
12165 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Wolff C	Closed

Note: This course requires a computer with excellent internet speed, a camera and a microphone. Students should expect to work with online materials at least 10 hours per week. Students will also meet virtually (using a camera and microphone) every week with the instructor and tutor for speaking and listening activities. Students must schedule these meetings with the instructor at the beginning of the semester. Oral exams are taken virtually with the instructor; written exams use an online proctoring system. This course is ideal for independent learners who have excellent computer skills and who have some knowledge of Spanish, but are not ready for Elementary Spanish II. This is NOT a self-paced course. For more information contact Tina Wolff at 913-469-8500, ext. 3513

12166 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Sommerville S	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
<p>Note: This course requires a computer with excellent internet speed, a camera and a microphone. Students should expect to work with online materials at least 10 hours per week. Students will also meet virtually (using a camera and microphone) every week with the instructor and tutor for speaking and listening activities. Students must schedule these meetings with the instructor at the beginning of the semester. Oral exams are taken virtually with the instructor; written exams use an online proctoring system. This course is ideal for independent learners who have excellent computer skills and who have some knowledge of Spanish, but are not ready for Elementary Spanish II. This is NOT a self-paced course. For more information contact Tina Wolff at 913-469-8500, ext. 3513</p>						

## 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
12167 001 F2F	MTWRF--	09:00-09:50 AM	01/17/17-05/19/17	GEB 281	Alvarez L	Closed
12168 002 F2F	M-W-F--	12:00-01:25 PM	01/18/17-05/19/17	GEB 281	Alvarez L	Closed
12169 003 F2F	-T-R---	06:00-08:10 PM	01/17/17-05/19/17	CC 332	Gonzalez E	Closed

## 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
12170 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Alvarez L	Closed

## 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
12177 001 F2F	M-W-F--	10:00-11:30 AM	01/18/17-05/19/17	CC 323	Funaro J	Closed
12178 002 F2F	-T-R---	12:30-02:40 PM	01/17/17-05/19/17	CC 323	Perriguet-Keene H	Closed
12179 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Funaro J	Closed

## 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
12180 001 F2F	M-W-F--	12:00-01:25 PM	01/18/17-05/19/17	CC 323	Verzhbyska I	Closed

## FL 151 - Elementary Russian II

This course completes the presentation begun in Elementary Russian I. Students will gain listening comprehension, speaking, reading and writing skills appropriate to a second-level course. This course is taught in the spring semester. 5 hrs. lecture/wk.

**Credit Hours:** 5

**Prerequisite:** FL 150 or one year of high-school Russian

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_151](http://catalog.jccc.edu/coursedescriptions/fl/#FL_151))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12205 001 F2F	M-W-F--	09:00-10:25 AM	01/18/17-05/19/17	SCI 118	Scanlan T	Closed

## 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
12208 002 F2F	-T-R---	06:00-08:10 PM	01/17/17-05/19/17	GEB 281	Daugherty D	Closed
12759 003 F2F	M-W-F--	01:00-02:25 PM	01/18/17-05/19/17	GEB 317	James E	Closed

## 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
12209 001 F2F	MTWRF--	11:00-11:50 AM	01/17/17-05/19/17	GEB 281	Rumbach K	Closed
12210 002 F2F	M-W----	06:00-08:10 PM	01/18/17-05/19/17	CC 323	James E	Closed

## 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
12024 001 F2F	M-W-F--	12:00-01:50 PM	01/18/17-05/19/17	GEB 311	Symansky R	Closed
<i>Kansas Senate Bill SB 155</i>						
12026 003 F2F	M-W----	06:00-08:50 PM	01/18/17-05/19/17	GEB 215	Horn-Marsh P	Closed
<i>Kansas Senate Bill SB 155</i>						
12030 004 F2F	-T-R---	08:00-10:50 AM	01/17/17-05/19/17	GEB 311	Symansky R	Closed
<i>Kansas Senate Bill SB 155</i>						
12034 005 F2F	-T-R---	12:00-02:50 PM	01/17/17-05/19/17	GEB 311	Symansky R	Closed
<i>Kansas Senate Bill SB 155</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
12036 006 F2F	-T-R---	06:00-08:50 PM	01/17/17-05/19/17	CC 325	Luton D	Closed

*Kansas Senate Bill SB 155*

## FL 181 - Elementary American Sign Language II

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

Note: The following course is available for general enrollment; admission to the program is not required. FL 181 and INTR 121 are the same course, do not enroll in both.

**Credit Hours:** 3

**Prerequisite:** FL 180 or INTR 120 with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_181](http://catalog.jccc.edu/coursedescriptions/fl/#FL_181))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12037 001 F2F	M-W-F--	09:00-10:50 AM	01/18/17-05/19/17	PA 144	Gwynn T	Closed
<i>Kansas Senate Bill SB 155</i>						
12039 002 F2F	M-W-F--	02:00-03:50 PM	01/18/17-05/19/17	GEB 311	Symansky R	Closed
<i>Kansas Senate Bill SB 155</i>						
12041 003 F2F	M-W----	06:00-08:50 PM	01/18/17-05/19/17	GEB 311	Goben B	Closed
<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
12211 001 F2F	-T-R---	06:00-08:10 PM	01/17/17-05/19/17	CC 323	Grass K	Closed

## FL 183 - Intermediate Japanese II

This course is a continuation of FL 182, the study of Japanese language and culture, emphasizing the sounds, vocabulary, grammar, usage and readings of the Japanese language. The course concentrates on developing further advanced conversational skills by increasing vocabulary and variety of sentence patterns. Cultural understanding will be stressed also. This course is typically taught in the spring semester. 5 hrs. lecture/wk.

**Credit Hours:** 5

**Prerequisite:** FL182 or three years of high-school Japanese and department approval

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_183](http://catalog.jccc.edu/coursedescriptions/fl/#FL_183))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12212 001 F2F	MTWRF--	10:00-10:50 AM	01/17/17-05/19/17	GEB 281	Rumbach K	Closed

## FL 221 - Intermediate German II

This class will further expand the mastery of German vocabulary and structure through extensive reading of more advanced texts with additional practice in listening comprehension, speaking and writing. Placement test recommended: can be taken at the Testing Center. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite:** FL 220 or three years of high-school German

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_221](http://catalog.jccc.edu/coursedescriptions/fl/#FL_221))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12213 001 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	GEB 217	McDonald T	Closed

## 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
12214 001 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	GEB 311	Cooper S	Closed
12215 002 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	CLB 211	Schmidt I	Closed
12216 003 F2F	--W----	06:00-08:50 PM	01/18/17-05/19/17	GEB 281	Young D	Closed

## 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
12218 001 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	CC 312	Sommerville S	Closed
12219 002 F2F	M-----	06:00-08:50 PM	01/23/17-05/19/17	GEB 281	Finnie J	Closed

## 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
12220 001 F2F	M-W----	10:00-10:50 AM	01/18/17-05/19/17	GEB 215	Cooper S	Closed

## FL 241 - Intermediate French II

In this class, students continue their in-depth study of French grammar and improvement of vocabulary. All four communication skills (listening, speaking, reading, and writing) continue to be emphasized as reading assignments, compositions, listening comprehension exercises and class discussion become more complex. Placement test recommended. Go to the Testing Center or to the Language Resource Center. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite:** FL 240 or three years of high-school French

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_241](http://catalog.jccc.edu/coursedescriptions/fl/#FL_241))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12221 001 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	CC 323	Verzhbyska I	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/fl/#FL_270))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12043 001 F2F	-T-R---	06:00-08:50 PM	01/17/17-05/19/17	GEB 311	Gwynn T	Closed

*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](http://catalog.jccc.edu/coursedescriptions/fl/#FL_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12045 001 F2F	M-W----	06:00-08:50 PM	01/18/17-05/19/17	GEB 381	Kuhns K	Closed

*Kansas Senate Bill SB 155*

## FL 288 - Spanish for Heritage and Advanced Speakers of Spanish

This course is specifically offered to students who learned to speak Spanish at home, but who have had little or no formal Spanish grammar training. Students will develop their reading, speaking, listening and writing skills. Students will learn about the cultures of Spanish-speaking countries. The course would also be offered to students who have learned Spanish as a second language and read, speak, listen and write at an advanced level. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite:** Department approval

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_288](http://catalog.jccc.edu/coursedescriptions/fl/#FL_288))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12222 001 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CC 312	Schmidt I	Closed

Note: For more information and departmental approval contact Tina Wolff at 913-469-8500, ext. 3513

## Floriculture

### FLR 220 - Wedding Design

This course will focus on traditional and contemporary wedding designs. Because weddings often constitute a large portion of a florist's business, it is imperative that students become proficient in various wedding designs, and be trained in many specialized arranging techniques. The course covers steps in creating the bridal bouquet, including round, crescent, cascade, triangle, and hand tied. Corsage construction, hair pieces, and other accessories will be discussed. Marketing and promotional efforts to build the wedding business will also be discussed. 2 hrs. lecture 3 hrs instructional lab/wk.

**Credit Hours:** 3

**Associated Costs:** \$100

**Prerequisites:** FLR 130 or FLR 150

Outline ([http://catalog.jccc.edu/coursedescriptions/flr/#FLR\\_220](http://catalog.jccc.edu/coursedescriptions/flr/#FLR_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10182 001 F2F	-T-----	09:00-10:50 AM	01/17/17-05/19/17	HSC 121	Ryan D	Closed
	---R---	09:00-11:50 AM	01/19/17-05/19/17	HSC 124		

Kansas Senate Bill SB 155

## FLR 250 - Special Event Designs

This course will focus on large scale designs to include large buffet florals, themed designs, sympathy designs, large altar and reception florals. The student will learn how to combine flowers using texture, shape and color for different effects. Interesting ways to use foliage, twigs, mosses and other accessory materials will be presented along with different uses of ribbon. The student will learn to create large scale designs within a specified budget. 2 hrs. lecture and instructional 3 hrs. lab/wk.

**Credit Hours:** 3

**Associated Costs:** \$100

**Prerequisites:** FLR 130 or FLR 150

Outline ([http://catalog.jccc.edu/coursedescriptions/flr/#FLR\\_250](http://catalog.jccc.edu/coursedescriptions/flr/#FLR_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10183 001 F2F	-T-----	12:00-01:50 PM	01/17/17-05/19/17	HSC 121	Ryan D	Closed
	---R---	12:00-02:50 PM	01/19/17-05/19/17	HSC 124		

Kansas Senate Bill SB 155

## FLR 270 - Retail Flower Shop Operations

This course will focus on the retail operation of a flower shop. Students will explore the various types of flower shops. Topics will include marketing strategies, advertising and promotion, selling skills and merchandising. In addition, students will learn about employee relations, delivery services, public relations, management, florist computer software, buying and pricing. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisites:** FLR 130 or FLR 150

Outline ([http://catalog.jccc.edu/coursedescriptions/flr/#FLR\\_270](http://catalog.jccc.edu/coursedescriptions/flr/#FLR_270))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10184 960 ONLINE	-----	-	01/17/17-05/19/17	Online	Ryan D	Closed

Kansas Senate Bill SB 155

## Game Development

### 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
11636 001 F2F	M-W----	10:00-11:15 AM	01/18/17-05/19/17	RC 378	Kitchin D	Closed
11637 350 ONLINE	-----	-	01/17/17-05/19/17	Online	Kitchin D	Closed

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
11666 001 F2F	-T-----	10:00-10:50 AM	01/17/17-05/19/17	RC 378	Fleming R	Closed
<i>Kansas Senate Bill SB 155</i>						
11668 002 F2F	---R---	10:00-10:50 AM	01/19/17-05/19/17	RC 378	Fleming R	Closed
<i>Kansas Senate Bill SB 155</i>						
11669 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Fisher T	Closed
<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
11670 001 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	RC 378	Hanna R	Closed
<i>Kansas Senate Bill SB 155</i>						
11671 002 F2F	M-W----	03:00-04:15 PM	01/18/17-05/19/17	RC 378	Hanna R	Closed
<i>Kansas Senate Bill SB 155</i>						
11672 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Smith S	Closed
<i>Kansas Senate Bill SB 155</i>						

## GAME 120 - Game Design I

This course is designed to give people who are interested in creating games the foundations they need to create fun, engaging experiences for players. Students will learn the basics behind creating compelling and entertaining experiences for players. The four key focuses will be on fun, theme, mechanics, and essential experience. During the course students will create a complete game. 4 hrs. lecture/wk.

**Credit Hours:** 4

**Associated Costs:** \$25-\$70

**Prerequisites:** GAME 104 and GAME 105

Outline ([http://catalog.jccc.edu/coursedescriptions/game/#GAME\\_120](http://catalog.jccc.edu/coursedescriptions/game/#GAME_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11673 001 F2F	MTWRF--	02:00-02:50 PM	01/17/17-05/19/17	RC 378	Lane L	Closed
<i>Kansas Senate Bill SB 155</i>						
12700 002 F2F	M-W-F--	04:30-05:45 PM	01/18/17-05/19/17	RC 378	Lane L	Closed
<i>Kansas Senate Bill SB 155</i>						

## GAME 121 - Game Programming I

This course is designed to present skills and provide hands-on experience required to create basic three-dimensional games. Typical topics will include 3D engine evaluation, differences between platforms, core game logic, proper use of external assets, and publishing. Typical tasks will include configuration and installation of 3D engines, creating several games, integration of non-programming assets, and exercises that will highlight important game programming concepts. 5 hrs. integrated lecture/lab/wk.

**Credit Hours:** 4

**Prerequisites:** CIS 142 and GAME 104 and GAME 105 Corequisite: CS 201

Outline ([http://catalog.jccc.edu/coursedescriptions/game/#GAME\\_121](http://catalog.jccc.edu/coursedescriptions/game/#GAME_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11675 001 F2F	M-W----	02:00-05:45 PM	01/18/17-05/19/17	OCB 106	Fisher T	Closed

Kansas Senate Bill SB 155

## GAME 131 - User-Centered Design

This course will cover the uses of custom-built tools in game development. It will also cover how to gather the requirements for tools and build them. 3 hrs. lecture and 2 hrs. open lab/wk.

**Credit Hours:** 4

**Associated Costs:** \$25-\$75

**Prerequisite:** CIS 142 Corequisite: GAME 121

Outline ([http://catalog.jccc.edu/coursedescriptions/game/#GAME\\_131](http://catalog.jccc.edu/coursedescriptions/game/#GAME_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11677 001 F2F	M-W----	11:30-01:45 PM	01/18/17-05/19/17	RC 378	Rogers R	Closed

Kansas Senate Bill SB 155

12701 002 F2F	M-W----	06:00-08:15 PM	01/18/17-05/19/17	OCB 106	Rogers R	Closed
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Kansas Senate Bill SB 155

## GAME 132 - Game Level Editing

This course will cover how to create a prototype level, place interactive elements, and script the general gameplay and flow of the level. Upon successful completion of the course students will have created a fully playable game level. 5 hrs. integrated lecture/lab/wk.

**Credit Hours:** 4

**Prerequisite:** GAME 105

Outline ([http://catalog.jccc.edu/coursedescriptions/game/#GAME\\_132](http://catalog.jccc.edu/coursedescriptions/game/#GAME_132))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11679 001 F2F	MTWRF--	08:00-08:50 AM	01/17/17-05/19/17	RC 378	Fleming R	Closed

Kansas Senate Bill SB 155

## GAME 136 - Game Prototyping

This course will cover the best practices and techniques for rapidly creating prototypes. Students will learn how to focus prototyping efforts on specific game play areas and how to evaluate the success and failure of a prototype. Multiple prototypes will be created during the semester. 5 hrs. integrated lecture/lab/wk.

**Credit Hours:** 4

**Prerequisite:** GAME 105

Outline ([http://catalog.jccc.edu/coursedescriptions/game/#GAME\\_136](http://catalog.jccc.edu/coursedescriptions/game/#GAME_136))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11680 001 F2F	MTWRF--	09:00-09:50 AM	01/17/17-05/19/17	RC 378	Fleming R	Closed

Kansas Senate Bill SB 155

## 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
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<b>11681</b> 001 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	RC 378	Hanna R	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						
<b>11682</b> 002 F2F	M-W----	06:00-07:15 PM	01/18/17-05/19/17	RC 378	Smith S	<b>Closed</b>
<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
<b>11685</b> 001 F2F	M-W----	07:30-08:20 PM	01/18/17-05/19/17	RC 378	Lane L	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						

### GAME 238 - Serious Game Design

In this course, students will examine the various aspects of serious games and how games have outgrown being just a source of entertainment. Students will study educational games, training simulations, and games for change. Students will also complete a basic educational game prototype. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite:** GAME 220

Outline ([http://catalog.jccc.edu/coursedescriptions/game/#GAME\\_238](http://catalog.jccc.edu/coursedescriptions/game/#GAME_238))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>11686</b> 001 F2F	-T-R---	03:30-04:45 PM	01/17/17-05/19/17	RC 378	Fleming R	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						

### GAME 250 - Game Capstone

This course is designed for students to apply the foundations of game design and game programming to a significant original game. Students will work within a team to analyze a problem, develop and present a proposed game design document, build a demonstrable prototype of the game and develop a significant portion of the finished product. Students should also develop a project schedule and present progress information to the class. Students should also develop job search skills and both written and oral communication skills. 3 hrs. lecture and 2 hrs. open lab/wk.

**Credit Hours:** 4

**Prerequisites:** GAME 180 and GAME 220 or GAME 221 and GAME 242

Outline ([http://catalog.jccc.edu/coursedescriptions/game/#GAME\\_250](http://catalog.jccc.edu/coursedescriptions/game/#GAME_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>11687</b> 001 F2F	M-W----	10:00-11:50 AM	01/18/17-05/19/17	OCB 106	Hanna R	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						
<b>11688</b> 002 F2F	M-W----	12:00-01:50 PM	01/18/17-05/19/17	OCB 106	Hanna R	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						

### GAME 255 - Mobile Game Programming

This course is designed for students who want to learn mobile device game programming. The students will learn the various limitations on mobile devices and the options available for programming them. They will create a 2D game for mobile devices. 5 hrs. integrated lecture/lab/wk.

**Credit Hours:** 4

**Associated Costs:** \$20 to 50

**Prerequisites:** GAME 221

Outline ([http://catalog.jccc.edu/coursedescriptions/game/#GAME\\_255](http://catalog.jccc.edu/coursedescriptions/game/#GAME_255))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11689 001 F2F	-T-R--	05:00-07:15 PM	01/17/17-05/19/17	RC 378	Fisher T	Closed

Kansas Senate Bill SB 155

## Graphic Design

### GDES 120 - Introduction to Graphic Design

This course is designed to acquaint the student with the various aspects of the graphic design field. Topics include the ways in which visual messages are used in society, the skills needed by a graphic designer and the potential areas of specialization and employment. This class will have guest speakers from the field of graphic design. Emphasis will be on assisting the student to make an informed decision about graphic design as a career. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Associated Costs:** \$40 to 50

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
11277 001 F2F	-T-----	07:00-09:50 PM	01/17/17-01/17/17	LIB 312	Wilson N	Closed
	--R--	07:00-09:50 PM	01/19/17-01/19/17	GEB 233		
	-T-----	07:00-09:50 PM	01/31/17-01/31/17	LIB 312		
	--R--	07:00-09:50 PM	02/02/17-02/02/17	GEB 233		
	-T-----	07:00-09:50 PM	02/14/17-02/14/17	LIB 312		
	--R--	07:00-09:50 PM	02/16/17-02/16/17	GEB 233		
	-T-----	07:00-09:50 PM	02/28/17-02/28/17	LIB 312		
	--R--	07:00-09:50 PM	03/02/17-03/02/17	GEB 233		
	-T-----	07:00-09:50 PM	03/21/17-03/21/17	LIB 312		
	--R--	07:00-09:50 PM	03/30/17-03/30/17	GEB 233		
	-T-----	07:00-09:50 PM	04/04/17-04/04/17	LIB 312		
	--R--	07:00-09:50 PM	04/13/17-04/13/17	GEB 233		
	-T-----	07:00-09:50 PM	04/18/17-04/18/17	LIB 312		
	--R--	07:00-09:50 PM	04/27/17-04/27/17	GEB 233		
	-T-----	07:00-09:50 PM	05/02/17-05/02/17	LIB 312		
	--R--	07:00-09:50 PM	05/11/17-05/11/17	GEB 233		
	-T-----	07:00-08:50 PM	05/16/17-05/16/17	SCI 212		
11286 002 F2F	-T-----	07:00-09:50 PM	01/24/17-01/24/17	LIB 312	Wilson N	Closed
	--R--	07:00-09:50 PM	02/02/17-02/02/17	GEB 233		
	-T-----	07:00-09:50 PM	02/07/17-02/07/17	LIB 312		
	--R--	07:00-09:50 PM	02/16/17-02/16/17	GEB 233		
	-T-----	07:00-09:50 PM	02/21/17-02/21/17	LIB 312		
	--R--	07:00-09:50 PM	03/02/17-03/02/17	GEB 233		
	-T-----	07:00-09:50 PM	03/07/17-03/07/17	LIB 312		
	-T-----	07:00-09:50 PM	03/28/17-03/28/17	LIB 312		
	--R--	07:00-09:50 PM	03/30/17-03/30/17	GEB 233		
	-T-----	07:00-09:50 PM	04/11/17-04/11/17	LIB 312		
	--R--	07:00-09:50 PM	04/13/17-04/13/17	GEB 233		
	-T-----	07:00-09:50 PM	04/25/17-04/25/17	LIB 312		
	--R--	07:00-09:50 PM	04/27/17-04/27/17	GEB 233		
	-T-----	07:00-09:50 PM	05/09/17-05/09/17	LIB 312		
	--R--	07:00-09:50 PM	05/11/17-05/11/17	GEB 233		
	-T-----	07:00-08:50 PM	05/16/17-05/16/17	SCI 212		

### 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](http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11048 001 F2F	M-----	01:30-06:45 PM	01/23/17-05/19/17	LIB 311	Erickson-Harper T	Closed

*Kansas Senate Bill SB 155*

## 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](http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11049 001 F2F	--W----	01:30-06:45 PM	01/18/17-05/19/17	LIB 311	Erickson-Harper T	Closed

*Kansas Senate Bill SB 155*

11050 002 F2F	---R---	01:30-06:45 PM	01/19/17-05/19/17	LIB 311	Erickson-Harper T	Closed
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*Kansas Senate Bill SB 155*

11051 003 F2F	----S-	08:00-01:15 PM	01/21/17-05/19/17	LIB 311	Henry M	Closed
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*Kansas Senate Bill SB 155*

## 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](http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_132))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11052 001 F2F	--W----	08:00-01:15 PM	01/18/17-05/19/17	LIB 346	Nemer T	Closed

*Kansas Senate Bill SB 155*

## GDES 134 - Layout Design

This course will provide a basic study of layout elements. Students will acquire the skills necessary to produce layouts. These skills include photographic indication techniques, comp lettering, advertising and editorial grid systems and electronic page design. This course is typically offered in the spring semester only. 6 hrs. integrated lecture/lab/wk.

**Credit Hours:** 3

**Associated Costs:** \$200 to 400

**Prerequisite:** GDES 132

Outline ([http://catalog.jccc.edu/coursedescriptions/gdes/#GDES\\_134](http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_134))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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<b>11053</b> 001 F2F	-T-----	08:00-01:15 PM	01/17/17-05/19/17	LIB 342	Coppess J	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						
<b>11054</b> 002 F2F	--W----	01:30-06:45 PM	01/18/17-05/19/17	LIB 342	Wilson N	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						
<b>11055</b> 003 F2F	---R---	08:00-01:15 PM	01/19/17-05/19/17	LIB 346	Coppess J	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						

## 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 CDTF 135 and CDTF 140 and CDTF 145

Outline ([http://catalog.jccc.edu/coursedescriptions/gdes/#GDES\\_140](http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>11056</b> 001 F2F	---R---	08:00-01:15 PM	01/18/17-05/19/17	LIB 342	Nemer T	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						
<b>11057</b> 002 F2F	----F--	01:30-06:45 PM	01/20/17-05/19/17	LIB 342	Ashley D	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						

## GDES 236 - Electronic Production

This course is a continuation of the Production Methods course, providing experience in digital prepress and electronic production techniques. The student will apply production skills to problems of professional scope and complexity, including specialty processes, trapping and color separation. Preparation of graphic files for screen presentation and for the Web will be explored. This course is typically offered in the spring semester only. 6 hrs. integrated lecture/lab/wk.

**Credit Hours:** 3

**Associated Costs:** \$200 to 400

**Prerequisites:** GDES 230 and GDES 231 and GDES 235

Outline ([http://catalog.jccc.edu/coursedescriptions/gdes/#GDES\\_236](http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_236))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>11058</b> 001 F2F	M-W----	07:00-09:45 PM	01/18/17-05/19/17	LIB 342	Kramer R	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						
<b>11059</b> 002 F2F	M-W----	07:00-09:45 PM	01/18/17-05/19/17	LIB 346	Stadler L	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						
<b>11060</b> 003 F2F	M-W----	07:00-09:45 PM	01/18/17-05/19/17	LIB 311	Johns J	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						

## GDES 244 - Communication Systems

This course will explore the scope and potential of graphic design as a vehicle for visual communication in contemporary society. Signs and symbols, as well as communicative power of typographic, hand graphic and photographic modes, will be studied. Traditional and electronic methods will be used to develop projects. This course is typically offered in the spring semester only. 6 hrs. integrated lecture/lab/wk.

**Credit Hours:** 3

**Associated Costs:** \$200 to 400

**Prerequisites:** GDES 230 and GDES 231 and GDES 235

Outline ([http://catalog.jccc.edu/coursedescriptions/gdes/#GDES\\_244](http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_244))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>11061</b> 001 F2F	----F--	08:00-01:15 PM	01/20/17-05/19/17	LIB 342	Kidwell M	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>11062</b> 002 F2F	-T-----	01:30-06:45 PM	01/17/17-05/19/17	LIB 342	Sabato S	Closed
<i>Kansas Senate Bill SB 155</i>						
<b>11063</b> 003 F2F	--W----	01:30-06:45 PM	01/18/17-05/19/17	LIB 346	Coppess J	Closed
<i>Kansas Senate Bill SB 155</i>						

## GDES 245 - Advanced Design Practice

This course will focus on the use of the student's total design capability and technical knowledge in solving graphic design problems of professional scope and complexity. Students will have the opportunity to work with three art directors and produce three professional projects for potential inclusion in their portfolios. This course is typically offered in the spring semester only. 6 hrs. integrated lecture/lab/wk.

**Credit Hours:** 3

**Associated Costs:** \$200 to 400

**Prerequisites:** GDES 230 and GDES 231 and GDES 235

Outline ([http://catalog.jccc.edu/coursedescriptions/gdes/#GDES\\_245](http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_245))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>11064</b> 001 F2F	-T-R---	07:00-09:45 PM	01/17/17-05/19/17	LIB 342	Lytle J	Closed
<i>Kansas Senate Bill SB 155</i>						
<b>11065</b> 002 F2F	-T-R---	07:00-09:45 PM	01/17/17-05/19/17	LIB 346	Jones R	Closed
<i>Kansas Senate Bill SB 155</i>						
<b>11066</b> 003 F2F	-T-R---	07:00-09:45 PM	01/17/17-05/19/17	LIB 311	Hetler C	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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](http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_272))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>11067</b> 001 F2F	---R---	01:30-06:45 PM	01/19/17-05/19/17	LIB 342	Wilson N	Closed
<b>11068</b> 002 F2F	-T-----	01:30-06:45 PM	01/17/17-05/19/17	LIB 311	Wilson N	Closed
<b>11069</b> 003 F2F	M-----	01:30-06:45 PM	01/23/17-05/19/17	LIB 342	Jones R	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_275))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>11070</b> 500 INT	-----	-	01/17/17-05/19/17		Wilson N	3 of 8
<i>Kansas Senate Bill SB 155</i>						
Requirement: Department approval						

## GDES 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/gdes/#GDES\\_291](http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_291))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12970 961 IND	-----	-	01/17/17-05/19/17		Wilson N	6 of 8

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
11102 001 F2F	M-W----	09:00-10:45 AM	01/18/17-05/19/17	CLB 405	Beatty L	Closed
	Lab M-W----	11:00-12:20 PM	01/18/17-05/19/17	CLB 411		
Note: This course incorporates sustainability themes as part of the JCCC's sustainability across the curriculum initiative. This class has 3-4 off-campus class meetings, held during the scheduled class time. Students will need to sign a hold-harmless agreement and will need to provide their own transportation to the location. Detailed information regarding locations and meeting dates will be provided at the first class meeting.						
11103 002 F2F	-T-R---	10:00-11:45 AM	01/17/17-05/19/17	CLB 405	Beatty L	Closed
	Lab -T-R---	12:00-01:20 PM	01/17/17-05/19/17	CLB 411		
Note: This course incorporates sustainability themes as part of the JCCC's sustainability across the curriculum initiative. This class has 3-4 off-campus class meetings, held during the scheduled class time. Students will need to sign a hold-harmless agreement and will need to provide their own transportation to the location. Detailed information regarding locations and meeting dates will be provided at the first class meeting.						
11104 050 F2F	-T-R---	06:00-07:45 PM	01/17/17-05/19/17	CLB 405	Ramsey M	Closed
	Lab -T-R---	08:00-09:20 PM	01/17/17-05/19/17	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
11105 001 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CLB 412	Maher J	Closed
11106 002 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	CLB 412	Maher J	Closed
11107 003 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CLB 412	Harty J	Closed
11108 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Beatty L	Closed
11109 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Beatty L	Closed

### 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
11110 001 F2F	Lab M-W----	01:00-02:50 PM	01/18/17-05/19/17	CLB 411	Maheer J	Closed

Note: The lab topics are most closely aligned with GEOS 140 001 and 002. This class has 3-4 off-campus class meetings, held during the schedule class time. Students will need to sign a hold-harmless agreement and will need to provide their own transportation to the location. Detailed information regarding locations and meeting dates will be provided as the first class meeting.

## 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
11111 001 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CLB 412	Harty J	Closed
11112 002 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	CLB 412	Harty J	Closed
11113 003 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CLB 412	Harty J	Closed
11114 050 F2F	---R---	06:00-08:50 PM	01/19/17-05/19/17	CLB 412	Meledge-Ade V	Closed
11115 090 F2F	M-W-F--	01:00-01:59 PM	01/30/17-05/19/17	CLB 412	Harty J	Closed
Note: This is a late start course.						
11116 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Anderson C	Closed
11117 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Meledge-Ade V	Closed
11118 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Meledge-Ade V	Closed
12594 353 ONLNE	-----	-	01/30/17-05/19/17	Online	Roberts C	Closed

## 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
12587 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Summers S	Closed
12585 377 HYB	-T-----	09:30-10:45 AM	01/17/17-05/16/17	GEB 242	Summers S	Closed
	-----	-	01/17/17-05/16/17	Online		

### HC 125 - International Awareness Field Study

This is a service-learning course. While partnering with a not-for-profit agency, teams of students will deliver service to a community in a developing country that suffers from extreme poverty. The service provided will vary depending on the identified needs of the community. While serving in the developing country, students will gain an understanding of the culture, language and health status of the people. Students will be exposed to the social, political and economic aspects of life that shape the community. Prior to travel, students are required to attend preparation meetings, fund raise and participate in a local service project. 16 hrs. lecture, 40 hrs. field study

**Credit Hours:** 2

**Associated Costs:** \$0 to 450

[Outline \(http://catalog.jccc.edu/coursedescriptions/hc/#HC\\_125\)](http://catalog.jccc.edu/coursedescriptions/hc/#HC_125)



CRN	Days	Time	Date	Location	Instructor	Seats Open
12751 001 TRV	----F--	04:00-11:59 PM	01/13/17-01/13/17	TBA TBA	Smith M	Closed
	-----S-	12:01-12:00 PM	01/14/17-01/14/17	TBA TBA		
	----F--	04:00-06:00 PM	02/03/17-02/03/17	CLB 111		
	M-----	05:00-07:00 PM	02/20/17-02/20/17	CLB 111		
	-----S-	08:00-12:00 PM	03/04/17-03/04/17	CLB 111		
	MTWRFSU	07:00-07:00 PM	03/09/17-03/16/17	TBA TBA		
12752 975 TRV	----F--	04:00-06:00 PM	01/27/17-01/27/17	CLB 111	Smith M	Closed
	----F--	04:00-06:00 PM	02/24/17-02/24/17	CLB 111		
	----F--	03:00-11:59 PM	04/07/17-04/07/17	TBA TBA		
	-----S-	12:01-12:00 PM	04/08/17-04/08/17	TBA TBA		
	MTWRFSU	07:00-07:00 PM	05/20/17-06/11/17	TBA TBA		

### 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
12579 103 F2F	-----S-	09:00-12:00 PM	01/21/17-05/13/17	 OHEC 217	Neubauer P	Closed
<i>Kansas Senate Bill SB 155</i>						
12582 379 HYB	M-----	06:00-07:30 PM	01/23/17-05/15/17	CC 324	Olsen R	Closed
	-----	-	01/23/17-05/15/17	Online		
<i>Mandatory Classroom Meetings</i> <i>Kansas Senate Bill SB 155</i>						
12583 380 HYB	-T-----	06:00-07:30 PM	01/17/17-05/16/17	CC 344	Kono S	Closed
	-----	-	01/17/17-05/16/17	Online		
<i>Kansas Senate Bill SB 155</i> <i>Mandatory Classroom Meetings</i>						
12584 381 HYB	---R---	06:00-07:30 PM	01/19/17-05/18/17	CC 344	Kono S	Closed
	-----	-	01/19/17-05/18/17	Online		
<i>Kansas Senate Bill SB 155</i> <i>Mandatory Classroom Meetings</i>						
12580 382 HYB	M-----	10:30-12:00 PM	01/23/17-05/15/17	 OHEC 217	Wilson D	Closed
	-----	-	01/23/17-05/15/17	Online		
<i>Kansas Senate Bill SB 155</i>						

### Health Care Interpreting

#### HCI 130 - Interpreting Skills II

This course develops students' skills in simultaneous interpreting and written translation. In addition, through classroom, lab and field experiences, students practice the three interpretation modes they have learned in the program and improve all aspects of their interpreting while forming good professional habits. Self-assessment, professional growth and development of a personal philosophy of interpreting are stressed. This course is taught in English with some Spanish terminology and practice. 3 hrs. lecture/wk. This course is taught in the spring semester only.

Note: Students will complete shadowing at Truman Medical Center.



**Credit Hours:** 3

**Prerequisites:** HCI 110 with a grade of "C" or higher and HCI 120 with a grade of "C" or higher

[Outline \(http://catalog.jccc.edu/coursedescriptions/hci/#HCI\\_130\)](http://catalog.jccc.edu/coursedescriptions/hci/#HCI_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12544 001 F2F	-T-R---	05:30-06:55 PM	01/17/17-05/19/17	 KUCRC	Groneman B	Closed

*Kansas Senate Bill SB 155*

Note: This class will meet in a classroom located at KU Clinical Research Center, 4350 Shawnee Mission Parkway, Fairway, KS 66205. Contact Brooke Groneman for more information at bgronema@jccc.edu.

## HCI 140 - Spanish Medical Interpreting

This course develops the knowledge, techniques and practices needed to function as a bilingual interpreter in a medical environment. Students will be introduced to basic medical conditions, procedures, courses of treatment and equipment, with vocabulary and terminology in both English and Spanish. Upon completion, students should be able to apply medical interpreting and translating techniques in a variety of health care settings. This course is taught in English with some Spanish terminology. 3 hrs. lecture/wk. This course is taught in the spring semester only.

**Credit Hours:** 3

**Associated Costs:** \$20

**Prerequisite:** HCI 120 with a grade of "C" or higher and Prerequisites or corequisites: HCI 130 with a grade of "C" or higher and HC 130 with a grade of "C" or higher

[Outline \(http://catalog.jccc.edu/coursedescriptions/hci/#HCI\\_140\)](http://catalog.jccc.edu/coursedescriptions/hci/#HCI_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12545 001 F2F	-T-R---	07:00-08:25 PM	01/17/17-05/19/17	 KUCRC	Groneman B	Closed

Note: This class will meet in a classroom located at KU Clinical Research Center, 4350 Shawnee Mission Parkway, Fairway, KS 66205. Contact Brooke Groneman for more information at bgronema@jccc.edu.

## 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

[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
12144 350 ONLINE	-----	-	01/17/17-02/14/17	Online	Kraus A	Closed

*Kansas Senate Bill SB 155*

This section includes students applying for the accelerated TAACCCT program. For more information, contact HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623 or Joan Curtis at ext. 3685.

12145 351 ONLINE	-----	-	02/20/17-03/27/17	Online	Kraus A	Closed
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*Kansas Senate Bill SB 155*

This section includes students applying for the accelerated TAACCCT program. For more information, contact HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623 or Joan Curtis at ext. 3685.

### 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

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS\\_255\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12147 350 ONLINE	-----	-	01/17/17-02/14/17	Online	Fuller M	Closed

*Kansas Senate Bill SB 155*

This section includes students applying for the accelerated TAACCCT program. For more information, contact HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623 or Joan Curtis at ext. 3685.

12148 351 ONLINE	-----	-	02/20/17-03/27/17	Online	Fuller M	Closed
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*Kansas Senate Bill SB 155*

This section includes students applying for the accelerated TAACCCT program. For more information, contact HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623 or Joan Curtis at ext. 3685.

## 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**

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS\\_262\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_262)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12149 350 ONLNE	-----	-	01/17/17-02/14/17	Online	Brooks L	Closed
This section includes students applying for the accelerated TAACCCT program. For more information, contact HCIS chair Dave Lingerfelt at <a href="mailto:dlingerf@jccc.edu">dlingerf@jccc.edu</a> or ext. 3623 or Joan Curtis at ext. 3685.						
12150 351 ONLNE	-----	-	01/17/17-02/14/17	Online	Brooks L	Closed
This section includes students applying for the accelerated TAACCCT program. For more information, contact HCIS chair Dave Lingerfelt at <a href="mailto:dlingerf@jccc.edu">dlingerf@jccc.edu</a> or ext. 3623 or Joan Curtis at ext. 3685.						

## 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**

[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
12151 350 ONLNE	-----	-	01/18/17-02/15/17	Online	Groopman E	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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**

[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
12171 350 ONLNE	-----	-	02/22/17-03/29/17	Online	Groopman E	Closed
<i>Kansas Senate Bill SB 155</i>						
This section includes students applying for the accelerated TAACCCT program. For more information, contact HCIS chair Dave Lingerfelt at <a href="mailto:dlingerf@jccc.edu">dlingerf@jccc.edu</a> or ext. 3623 or Joan Curtis at ext. 3685.						
12172 376 HYB	--W----	06:00-08:50 PM	02/22/17-03/29/17	RC 185	Groopman E	Closed
	-----	-	02/22/17-03/29/17	Online		
<i>Kansas Senate Bill SB 155</i>						
<i>Mandatory Classroom Meetings</i>						
This section includes students applying for the accelerated TAACCCT program. For more information, contact HCIS chair Dave Lingerfelt at <a href="mailto:dlingerf@jccc.edu">dlingerf@jccc.edu</a> or ext. 3623 or Joan Curtis at ext. 3685.						

## 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**

[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
12173 350 ONLNE	-----	-	04/05/17-05/03/17	Online	Groopman E	Closed
<i>Kansas Senate Bill SB 155</i>						
This section includes students applying for the accelerated TAACCCT program. For more information, contact HCIS chair Dave Lingerfelt at <a href="mailto:dlingerf@jccc.edu">dlingerf@jccc.edu</a> or ext. 3623 or Joan Curtis at ext. 3685.						

## HCIS 267 - EHR Design, Functionality and Usability

This course discusses human factors associated with designing and implementing health information systems (HIS). Concepts of usability and the effects of new technology and workflow redesign on downstream processes, such as clinical decision support, will be covered. This course provides an overview of the most utilized electronic health systems. System features are evaluated and compared as they would relate to practical deployments. Key factors such as cost, licensing and staffing are also discussed.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS\\_267](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_267))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12175 350 ONLNE	-----	-	01/17/17-03/07/17	Online	Waldschmidt H	Closed
<i>Kansas Senate Bill SB 155</i>						
This section includes students applying for the accelerated TAACCCT program. For more information, contact HCIS chair Dave Lingerfelt at <a href="mailto:dlingerf@jccc.edu">dlingerf@jccc.edu</a> or ext. 3623 or Joan Curtis at ext. 3685.						
12736 351 ONLNE	-----	-	01/17/17-03/07/17	Online	Waldschmidt H	Closed
<i>Kansas Senate Bill SB 155</i>						
This section includes students applying for the accelerated TAACCCT program. For more information, contact HCIS chair Dave Lingerfelt at <a href="mailto:dlingerf@jccc.edu">dlingerf@jccc.edu</a> or ext. 3623 or Joan Curtis at ext. 3685.						

## 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
12176 500 INT	-----	-	01/23/17-05/19/17		Groopman E	Full
<i>Kansas Senate Bill SB 155</i>						
This section includes students applying for the accelerated TAACCCT program. For more information, contact HCIS chair Dave Lingerfelt at <a href="mailto:dlingerf@jccc.edu">dlingerf@jccc.edu</a> or ext. 3623 or Joan Curtis at ext. 3685.						
Requirement: Department approval						

## 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

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
12182 350 ONLNE	-----	-	02/23/17-03/30/17	Online	Brooks L	Closed
This section includes students applying for the accelerated TAACCCT program. For more information, contact HCIS chair Dave Lingerfelt at <a href="mailto:dlingerf@jccc.edu">dlingerf@jccc.edu</a> or ext. 3623 or Joan Curtis at ext. 3685.						
12183 351 ONLNE	-----	-	02/23/17-03/30/17	Online	Brooks L	Closed
This section includes students applying for the accelerated TAACCCT program. For more information, contact HCIS chair Dave Lingerfelt at <a href="mailto:dlingerf@jccc.edu">dlingerf@jccc.edu</a> or ext. 3623 or Joan Curtis at ext. 3685.						

## 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

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
12184 350 ONLNE	-----	-	01/17/17-02/14/17	Online	Foley S	Closed

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

This section includes students applying for the accelerated TAACCCT program. For more information, contact HCIS chair Dave Lingerfelt at [dlingerf@jccc.edu](mailto:dlingerf@jccc.edu) or ext. 3623 or Joan Curtis at ext. 3685.

12185	351	ONLNE	-----	-	02/23/17-03/30/17	Online	Foley S	Closed
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*Kansas Senate Bill SB 155*

This section includes students applying for the accelerated TAACCCT program. For more information, contact HCIS chair Dave Lingerfelt at [dlingerf@jccc.edu](mailto:dlingerf@jccc.edu) or ext. 3623 or Joan Curtis at ext. 3685.

## 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**

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
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12199	350	ONLNE	-----	-	04/03/17-05/01/17	Online	Groopman E	Closed
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*Kansas Senate Bill SB 155*

This section includes students applying for the accelerated TAACCCT program. For more information, contact HCIS chair Dave Lingerfelt at [dlingerf@jccc.edu](mailto:dlingerf@jccc.edu) or ext. 3623 or Joan Curtis at ext. 3685.

## 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**

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
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12200	350	ONLNE	-----	-	01/19/17-02/16/17	Online	Brooks L	Closed
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*Kansas Senate Bill SB 155*

This section includes students applying for the accelerated TAACCCT program. For more information, contact HCIS chair Dave Lingerfelt at [dlingerf@jccc.edu](mailto:dlingerf@jccc.edu) or ext. 3623 or Joan Curtis at ext. 3685.

## 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**

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
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12202	350	ONLNE	-----	-	02/20/17-03/27/17	Online	Groopman E	Closed
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*Kansas Senate Bill SB 155*

This section includes students applying for the accelerated TAACCCT program. For more information, contact HCIS chair Dave Lingerfelt at [dlingerf@jccc.edu](mailto:dlingerf@jccc.edu) or ext. 3623 or Joan Curtis at ext. 3685.

## 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's effectiveness, will be used. 2 hrs lecture/wk.

**Credit Hours: 2**

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
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12203	350	ONLNE	-----	-	04/06/17-05/04/17	Online	Groopman E	Closed
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*Kansas Senate Bill SB 155*

This section includes students applying for the accelerated TAACCCT program. For more information, contact HCIS chair Dave Lingerfelt at [dlingerf@jccc.edu](mailto:dlingerf@jccc.edu) or ext. 3623 or Joan Curtis at ext. 3685.

CRN	Days	Time	Date	Location	Instructor	Seats Open
12204 376 HYB	---R---	06:00-08:50 PM	04/06/17-05/04/17	RC 185	Groopman E	Closed
	-----	-	04/06/17-05/04/17	Online		

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

This section includes students applying for the accelerated TAACCCT program. For more information, contact HCIS chair Dave Lingerfelt at [dlingerf@jccc.edu](mailto:dlingerf@jccc.edu) or ext. 3623 or Joan Curtis at ext. 3685.

## History

### HIST 120 - Local and Kansas History

This course introduces students to the history of Kansas from the beginning of the Late Ceramic Period (1500) to the present. Emphasis will be on the examination of the living patterns of the various peoples who have inhabited the region during this time. This course will also analyze the social and economic factors and political objectives that transformed the central plains from the domain of the bison-hunting Plains Indian to a society based in a market-agricultural economy. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_120](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10894 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Antle J	Closed

### 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
10895 001 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	GEB 279	Murtaugh D	Closed
10896 002 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	GEB 213	Hembree M	Closed
10897 201 F2F	-T-----	06:00-09:00 PM	01/31/17-05/19/17	GEB 279	Hembree M	Closed
10898 202 F2F	--W----	06:00-09:00 PM	02/01/17-05/19/17	GEB 279	Roberts M	Closed

### 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
10900 002 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	GEB 279	Leiker J	Closed
10901 003 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	GEB 279	Stockton W	Closed
10902 004 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	GEB 279	Stockton W	Closed

### HIST 128 - Medieval History

Medieval History is a detailed survey of the period from late Roman Antiquity to the early Renaissance. Primary and secondary texts and visual resources will be used to illuminate the period that saw first the decline into relative stagnation caused by barbarian onslaughts and then gradual reemergence of a powerful civilization that revitalized itself by renewing the insights of ancient times. 3 hrs. lecture/wk.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_128\)](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10903 001 F2F	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	GEB 279	Stockton W	Closed

### HIST 130 - European History Since 1789

This course covers the major political, intellectual, and economic and social developments in Europe from the end of the 18th century to the present, including modern political ideologies, major wars, the growth of strong governments, the effect of modern science on social and political thought, the Industrial Revolution, the creation of large middle classes and the effect of modern technology. 3 hrs. lecture/wk.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_130\)](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10904 001 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	CC 338	Clark V	Closed

### 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
10905 001 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	GEB 279	Harward S	Closed
10906 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Harward S	Closed
10907 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Boucher D	Closed

### 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
10908 001 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	CC 126A	Walker B	Closed
10909 002 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CC 126A	Walker B	Closed
10910 003 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CC 126A	Rider J	Closed
10911 004 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	CC 126A	Rider J	Closed
10912 005 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	CC 126A	Boyle S	Closed
10913 006 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	CC 126B	Rider J	Closed
10914 007 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CC 126A	Leiker J	Closed
10915 008 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	CC 126A	Harvey D	Closed
10916 009 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CC 126A	Dobson P	Closed
10917 201 F2F	-T-----	06:00-09:00 PM	01/31/17-05/19/17	CC 126A	Dobson P	Closed
10918 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Taylor D	Closed
10919 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Taylor D	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
10921 354 ONLNE	-----	-	01/17/17-05/19/17	Online	Mischka S	Closed
10922 355 ONLNE	-----	-	01/17/17-05/19/17	Online	Clark V	Closed
10923 356 ONLNE	-----	-	03/20/17-05/14/17	Online	Boyle S	Closed
13050 357 ONLNE	-----	-	03/20/17-05/14/17	Online	Mack J	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_141))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10924 001 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	CC 126B	Edwards T	Closed
10925 002 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CC 126B	Carey C	Closed
10926 003 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CC 126B	Tope J	Closed
10927 004 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	CC 126B	Tope J	Closed
10928 005 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	CC 126B	Clark V	Closed
10929 006 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	CC 126A	McWilliams R	Closed
10930 007 F2F	M-W-F--	02:00-02:50 PM	01/18/17-05/19/17	CC 126A	McWilliams R	Closed
10931 008 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	CC 126B	Walker B	Closed
10932 009 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CC 126B	Harvey D	Closed
10933 010 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	GEB 238	Boyle S	Closed

This section's title is **US History Since 1877 Honors**.

### Honors Course

Note: This is an honors section. Enrollment is by permission, requiring a minimum GPA of 3.5 and department approval. Course objectives and competencies remain the same as for other HIST 141 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](mailto:honors@jccc.edu) or 913-469-8500 ext. 2434.

10935 012 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CC 126B	Boyle S	Closed
10936 201 F2F	--W----	06:00-09:00 PM	02/01/17-05/19/17	CC 126B	Arndt Helgesen V	Closed
10937 202 F2F	---R---	06:00-09:00 PM	02/02/17-05/19/17	CC 126B	Domoney J	Closed
10938 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Leiker J	Closed
10939 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Clark V	Closed
10940 353 ONLNE	-----	-	01/17/17-05/19/17	Online	Clark V	Closed
10942 355 ONLNE	-----	-	01/17/17-05/19/17	Online	Boyle S	Closed
10944 357 ONLNE	-----	-	03/20/17-05/14/17	Online	Tope J	Closed
10945 358 ONLNE	-----	-	03/20/17-05/14/17	Online	Domoney J	Closed

## HIST 145 - History of Ancient Rome

This course will cover Roman civilization and history from its emergence until the fifth century C.E. In addition to political, military, and social and economic developments, Roman literature and art will also be highlighted. Rome's significance for later western civilization will be noted. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_145](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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### 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
10947 351 ONLNE	-----	-	03/20/17-05/14/17	Online	Boucher D	Closed

### 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-Colombian 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
10948 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Hembree M	Closed
10949 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Mack J	Closed

### 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
10950 001 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	GEB 279	Stockton W	Closed
10951 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Hembree M	Closed
10952 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Hembree M	Closed

### HIST 180 - North American Indian History

This course surveys the major themes of the history of Indigenous peoples (also known as American Indians and Native Americans) in North America from the emergence of human life on the continent through the present. Topics include Indigenous life prior to European migration, colonialism, adaptation and resistance to European and American expansion, and efforts to maintain sovereignty. 3 hrs. lecture/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_180](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_180))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10954 001 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	GP 102	Edwards T	Closed

### HIST 195 - History of the Middle East



This course introduces students to the environmental, political, economic, religious and ethnic landscape of the Middle East and Northern Africa. Though its focus is historical, the course prepares students for an understanding of the contemporary challenges faced by the region. Particular attention is paid to the Middle East and Northern Africa as the intersection of three monotheistic traditions, the central role of aridity and natural resources in its development, the interfacing of multiple cultures with Islam, the religious and ethnic diversity of the region today, and modern encounters with the nation-state system and western secularism. Students will also explore the contributions of the region to the larger world and the interactions of Middle Eastern and Northern African countries and people with Asia, Europe and the United States. 3 hrs. lecture/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_195](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_195))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10955 001 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	GP 101	Bevell Hull M	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_270))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10956 501 INT	-----	-	01/17/17-05/19/17		Edwards T	4 of 6

Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## Hospitality Management

### 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](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_120))

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
11506 001 F2F	M-----	03:00-04:50 PM	01/23/17-03/26/17	HCA 145	Riley M	Closed
<i>Kansas Senate Bill SB 155</i>						
11512 002 F2F	M-----	03:00-04:50 PM	03/27/17-05/19/17	HCA 119	Gray J	Closed
<i>Kansas Senate Bill SB 155</i>						
11508 003 F2F	-T-----	03:00-04:50 PM	01/17/17-03/07/17	HCA 145	Riley M	Closed
<i>Kansas Senate Bill SB 155</i>						
11509 350 ONLNE	-----	-	01/17/17-03/12/17	Online	Riley M	Closed
<i>Kansas Senate Bill SB 155</i>						
11510 351 ONLNE	-----	-	03/20/17-05/14/17	Online	Riley M	Closed
<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/#HMG121>)

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>11511</b> 001 F2F	M-----	12:00-02:50 PM	01/23/17-05/19/17	HCA 119	Gray J	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						
<b>11513</b> 002 F2F	-T-----	12:00-02:50 PM	01/17/17-05/19/17	HCA 150	Gray J	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						
<b>11521</b> 376 HYB	--W----	03:00-05:50 PM	01/18/17-01/18/17	HCA 117	Gray J	<b>Closed</b>
	-----	-	01/18/17-05/19/17	<b>Online</b>		
	--W----	03:00-05:50 PM	02/15/17-02/15/17	HCA 117		
	--W----	03:00-05:50 PM	03/22/17-03/22/17	HCA 117		
	--W----	03:00-05:50 PM	04/19/17-04/19/17	HCA 117		
	--W----	03:00-05:50 PM	05/17/17-05/17/17	HCA 117		

*Kansas Senate Bill SB 155*

## HMGT 123 - Professional Cooking I

This is the first of two courses in professional cooking methods for students enrolled in hospitality management programs. Upon completion of this course, the student should be able to demonstrate skills in basic cooking methods, recipe conversion, and professional food preparation and handling. Additionally, the student should be able to safely operate common food service equipment used in commercial kitchens. 3.5 hrs. integrated lecture/lab/wk.

**Credit Hours:** 3

**Associated Costs:** \$50 to 200

**Prerequisite or Corequisite:** HMGT 120

Outline (<http://catalog.jccc.edu/coursedescriptions/hmgt/#HMG123>)

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>11621</b> 001 F2F	M-----	08:00-11:30 AM	01/23/17-05/19/17	HCA 140	Prater A	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						
<b>11622</b> 002 F2F	M-----	01:00-04:30 PM	01/23/17-05/19/17	HCA 140	Smith D	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						
<b>11624</b> 003 F2F	-T-----	08:00-11:30 AM	01/17/17-05/19/17	HCA 140	Smith D	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						
<b>11626</b> 004 F2F	--W----	01:00-04:30 PM	01/18/17-05/19/17	HCA 140	Prater A	<b>Closed</b>

*Kansas Senate Bill SB 155*

## HMGT 126 - Food Management

This course offers an overview of restaurant management practices used in the hospitality industry. Emphasis will be on demonstrating the components of menu planning and the styles of food service used for various occasions -- buffet service and French, Russian and American service. The student will participate in the operation of the campus restaurant, including food preparation, service, sales promotion, purchasing and costing. 9 hrs. integrated lecture/lab/wk.

**Credit Hours:** 4

**Prerequisites:** HMGT 123 and HGMT 230 and HMGT 277 and admission to the hospitality management program

Outline (<http://catalog.jccc.edu/coursedescriptions/hmgt/#HMG126>)

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>11653</b> 001 F2F	--W----	08:00-09:55 AM	01/18/17-05/19/17	HCA 148	Adel E	<b>Closed</b>
	--W----	08:00-09:55 AM	01/18/17-05/19/17	HCA 150		
	---R--	08:00-02:50 PM	01/19/17-05/19/17	HCA 148		
	---R--	08:00-02:50 PM	01/19/17-05/19/17	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](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_128))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11674 001 F2F	--W----	12:00-02:50 PM	01/18/17-05/19/17	HCA 117	Berg M	Closed
11678 003 F2F	-T-----	09:00-11:50 AM	01/17/17-05/19/17	HCA 117	Berg M	Closed

### 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
11692 001 F2F	M-----	09:00-10:50 AM	01/23/17-05/19/17	HCA 119	Berg M	Closed
11693 002 F2F	-T-----	03:00-04:50 PM	01/17/17-05/19/17	HCA 117	Berg M	Closed

### HMGT 165 - Food Industry Compliance & Safety

Upon successful completion of this course, the student should be able to analyze and explain the basic legal compliance issues regarding food safety and the post-harvest handling of local food products. This course focuses on the legal compliance issues of market farming as well as the food safe handling principles necessary for an individual involved in market farming. It will provide students with practical methods of application involved with food safety and post-harvest marketing. 3 hrs. lecture/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_165](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_165))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11683 001 F2F	M-----	12:00-02:50 PM	01/23/17-05/19/17	GP 102	Hoerz D	Closed

*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
11776 001 F2F	M-----	06:00-08:50 PM	01/23/17-05/19/17	HCA 117	Edwards R	Closed

*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
11778 001 F2F	-T-----	08:00-11:30 AM	01/17/17-05/19/17	HCA 148	Adel E	Closed

*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
11779 001 F2F	-T-----	03:00-05:50 PM	01/17/17-05/19/17	HCA 115	Sobieraj R	Closed

*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
11780 001 F2F	M-----	12:00-03:30 PM	01/23/17-05/19/17	HCA 144	Reed A	Closed
11781 002 F2F	--W----	08:00-11:30 AM	01/18/17-05/19/17	HCA 144	Smith D	Closed
11782 003 F2F	M-----	06:00-09:30 PM	01/23/17-05/19/17	HCA 144	Prater A	Closed
11783 004 F2F	-T-----	06:00-09:30 PM	01/17/17-05/19/17	HCA 144	Parkhurst A	Closed

*Kansas Senate Bill SB 155*

## HMGT 226 - Garde Manger

This course is designed for the student to learn cold food production and charcuterie. The course will allow the student to develop fundamental principles of the cold kitchen and modernize traditional methods of salad preparation. 3.5 hrs. integrated lecture/lab/wk.

**Credit Hours:** 3

**Prerequisite:** HMGT 230

[Outline \(http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_226\)](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_226)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11809 001 F2F	M-----	08:00-11:30 AM	01/23/17-05/19/17	HCA 146	Adel E	Closed
11811 002 F2F	M-----	01:00-04:30 PM	01/23/17-05/19/17	HCA 146	Adel E	Closed

*Kansas Senate Bill SB 155*

## HMGT 228 - Advanced Hospitality Management

This course includes detailed information about various components of menu planning, food service, supervision, design and beverage control. In addition, an understanding of the external factors affecting the hotel-restaurant industry will be discussed. Skills necessary to secure a position in management within the hospitality industry will be emphasized, and case studies and computer simulation (HOTS) will be used for critical thinking analysis. Business plans will be developed as part of the course project. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Associated Costs:** \$25 to 50

**Prerequisite:** Department approval

Outline (<http://catalog.jccc.edu/coursedescriptions/hmgt/#HMG228>)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12063 001 F2F	M-----	09:00-11:50 AM	01/23/17-05/19/17	HCA 115	Gray J	Closed
<i>Kansas Senate Bill SB 155</i>						
12064 376 HYB	--W----	12:00-02:50 PM	01/18/17-01/18/17	HCA 115	Gray J	Closed
	--W----	-	01/18/17-05/19/17	Online		
	--W----	12:00-02:50 PM	02/15/17-02/15/17	HCA 115		
	--W----	12:00-02:50 PM	03/22/17-03/22/17	HCA 115		
	--W----	12:00-02:50 PM	04/19/17-04/19/17	HCA 115		
	--W----	12:00-02:50 PM	05/17/17-05/17/17	HCA 115		

*Kansas Senate Bill SB 155*

## HMG230 - 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:** HMG210 and HMG213

Outline (<http://catalog.jccc.edu/coursedescriptions/hmgt/#HMG230>)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12065 001 F2F	M-----	08:00-11:30 AM	01/23/17-05/19/17	HCA 142	Smith D	Closed
<i>Kansas Senate Bill SB 155</i>						
12066 002 F2F	-T-----	08:00-11:30 AM	01/17/17-05/19/17	HCA 142	Prater A	Closed
<i>Kansas Senate Bill SB 155</i>						
12067 003 F2F	--W----	01:00-04:30 PM	01/18/17-05/19/17	HCA 142	Smith D	Closed
<i>Kansas Senate Bill SB 155</i>						
12068 004 F2F	M-----	06:00-09:30 PM	01/23/17-05/19/17	HCA 142	Marcellus J	Closed

*Kansas Senate Bill SB 155*

## HMG231 - 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:** HMG230 and department approval

Outline (<http://catalog.jccc.edu/coursedescriptions/hmgt/#HMG231>)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12069 001 F2F	M-----	12:00-04:30 PM	01/23/17-05/19/17	HCA 148	Sturmer F	Closed

*Kansas Senate Bill SB 155*

## HMG235 - Seminar: Risk Management and Loss Prevention

This course explains the issues surrounding the need for individualized security programs, examines a wide variety of security and safety equipment and procedures, discusses guest protection and internal security for asset protection. It explores risk management and loss prevention issues and outlines OSHA regulations that apply to lodging properties. While enrolled in this class, a student must work a minimum of 15 hours a week in a lodging operation. The work experience is concurrent but does not necessarily concentrate on the subject being taught in the course. This course is typically offered in the spring semester. 2 hrs lecture, 15 hrs. work/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_235](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_235))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12070 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Hoerz D	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12680 001 F2F	-T-----	01:00-04:30 PM	01/17/17-05/19/17	HCA 144	Reed A	Closed

*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](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12072 001 F2F	M-----	03:00-05:50 PM	01/23/17-05/19/17	HCA 117	Berg M	Closed

*Kansas Senate Bill SB 155*

## HMGT 265 - Front Office Management

This course provides a full understanding of the flow of business from the front office, beginning with the reservations process to checkout and settlement. It also includes the night audit and statistical analysis of rates and revenue management. This course is typically offered in the spring semester. 3 hrs. lecture/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_265](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_265))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12073 376 HYB	-T-----	12:00-02:50 PM	01/17/17-01/17/17	HCA 115	Hoerz D	Closed
	-----	-	01/17/17-05/19/17	Online		
	-T-----	12:00-02:50 PM	02/07/17-02/07/17	HCA 115		
	-T-----	12:00-02:50 PM	02/28/17-02/28/17	HCA 115		
	-T-----	12:00-02:50 PM	03/28/17-03/28/17	HCA 115		
	-T-----	12:00-02:50 PM	04/18/17-04/18/17	HCA 115		
	-T-----	12:00-02:50 PM	05/16/17-05/16/17	HCA 115		

*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](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_268))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12074 001 F2F	--W----	03:00-05:50 PM	01/18/17-05/19/17	HCA 115	Hoerz D	Closed

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](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_270))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12618 001 F2F	-T-----	12:00-03:30 PM	01/17/17-05/19/17	HCA 146	Sturmer F	Closed

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](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12075 001 F2F	M-----	12:00-01:50 PM	01/23/17-05/19/17	HCA 117	Marcellus J	Closed
12076 002 F2F	-T-----	12:00-01:50 PM	01/17/17-05/19/17	HCA 119	Marcellus J	Closed

### 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](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_273))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12077 001 F2F	M-----	03:00-05:50 PM	01/23/17-05/19/17	HCA 115	Sobieraj R	Closed

Kansas Senate Bill SB 155

12078 002 F2F	--W----	06:00-08:50 PM	01/18/17-05/19/17	HCA 115	Sobieraj R	Closed
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Kansas Senate Bill SB 155

12605 003 F2F	M-----	06:00-08:50 PM	01/23/17-05/19/17	HCA 115	Sobieraj R	Closed
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Kansas Senate Bill SB 155

### HMGT 275 - Seminar in Hospitality Management: Internship

This course provides industry experience for students in cooperating businesses, agencies and organizations. While enrolled in this course, a student must work a minimum of 320 hours in an approved position in the hospitality industry. By arrangement.

**Credit Hours:** 3

**Prerequisite:** Admission to the hospitality management program

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_275](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_275))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12079 500 INT	-----	-	01/17/17-05/19/17		Hoerz D	7 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](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_277))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12080 001 F2F	--W----	03:00-04:50 PM	01/18/17-05/19/17	HCA 119	Sobieraj R	Closed
12081 002 F2F	-T-----	06:00-07:50 PM	01/17/17-05/19/17	HCA 115	Sobieraj R	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_279))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12082 001 F2F	M-----	06:00-08:50 PM	01/23/17-05/19/17	HCA 150	Berger S	Closed
<i>Kansas Senate Bill SB 155</i>						
12115 002 F2F	--W----	06:00-08:50 PM	01/18/17-05/19/17	HCA 150	Prater A	Closed
<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](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_281))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12117 500 INT	-----	-	01/17/17-05/19/17	HCA	Marcellus J	37 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](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_282))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12118 501 INT	-----	-	01/17/17-05/19/17	HCA	Sturmer F	28 of 55



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

### HMGT 285 - Culinary Arts Practicum III

A qualified chef who is a member of the American Culinary Federation will supervise this on-the-job apprentice training. Upon successful completion of this course, the student should be able to apply food preparation and presentation techniques and gain experience in all phases of food service operation. This course is a continuation of Culinary Arts Practicum II.

**Credit Hours:** 2

**Prerequisite:** HMGT 282

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_285](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_285))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12119 502 INT	-----	-	01/17/17-05/19/17	HCA	Sturmer F	30 of 40

*Kansas Senate Bill SB 155*

### HMGT 286 - Culinary Arts Practicum IV

A qualified chef who is a member of the American Culinary Federation will supervise this on-the-job apprentice training. Upon successful completion of this course, the student should be able to apply food preparation and presentation techniques and gain experience in all phases of food service operation. This course is a continuation of Culinary Arts Practicum III.

**Credit Hours:** 2

**Prerequisite:** HMGT 285

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_286](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_286))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12120 503 INT	-----	-	01/17/17-05/19/17	HCA	Sturmer F	15 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](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_287))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12121 504 INT	-----	-	01/17/17-05/19/17	HCA	Marcellus J	30 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](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_288))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12122 505 INT	-----	-	01/17/17-05/19/17	HCA	Marcellus J	23 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/#HMG292>)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12123 001 F2F	---R---	06:00-09:30 PM	01/19/17-05/19/17	HCA 148	Page A Prater A	Closed

This section's title is **Special Topics: Food and Cinema**.

## Hospitality Mgt Pastry Baking

### HMPB 255 - Pastry Shop Production II

This course will provide hand-on instruction of advanced techniques used to make advanced staples used in the production of advanced pastries, cakes, tarts, and tortes intended for retail sales in a professional pastry shop. This course is typically offered in the spring semester. 4.5 hrs. integrated lecture/lab/wk.

**Credit Hours:** 4

**Prerequisites:** HMPB 155 and HMPB 160 and HMPB 233 and HMPB 252 **Corequisites:** HMPB 260 and HMPB 257 and HMPB 252

Outline (<http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB255>)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11132 001 F2F	---R---	08:00-10:14 AM	01/19/17-05/19/17	HCA 144	Reed A	Closed
	----F--	09:00-11:14 AM	01/20/17-05/19/17	HCA 144		

*Kansas Senate Bill SB 155*

### HMPB 257 - Sugar Basics

This course will provide hands-on instruction of pulled and brown sugar techniques used for garnishing advanced pastry items. The student will learn how to cook, pull, blow and store sugar pieces used in a professional pastry shop. This course is typically offered in the spring semester. 4.5 hrs. integrated lecture/lab/wk.

**Credit Hours:** 4

**Prerequisites:** HMPB 155 and HMPB 160 and HMPB 233 and HMPB 252 **Corequisites:** HMPB 255 and HMPB 260 and HMPB 262

Outline (<http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB257>)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11133 001 F2F	---R---	12:30-02:44 PM	01/19/17-05/19/17	HCA 144	Reed A	Closed
	----F--	01:30-03:44 PM	01/20/17-05/19/17	HCA 144		

*Kansas Senate Bill SB 155*

### HMPB 260 - Pastry Shop Principles II

This course will examine the advanced baking concepts including high dollar ingredient identification and usage, storage, advanced inventory control, costing and product sources and product availability as it pertains to a professional pastry shop. This course is typically offered in the spring semester. 4.5 hrs. integrated lecture/lab/wk.

**Credit Hours:** 4

**Prerequisites:** HMPB 155 and HMPB 160 and HMPB 233 and HMPB 252 **Corequisites:** HMPB 255 and HMPB 257 and HMPB 262

Outline (<http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB260>)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11134 001 F2F	---R---	10:15-12:29 PM	01/19/17-05/19/17	HCA 144	Reed A	Closed
	----F--	11:15-01:29 PM	01/20/17-05/19/17	HCA 144		

*Kansas Senate Bill SB 155*

### HMPB 262 - Pastry Shop Business Basics II

This course will provide advanced hands-on techniques used to market finished pastry items, execute excellent customer service, establishing operational guidelines, inventory and restocking, product ordering, product research, maintaining a display case, as well as taking pastry orders. This course is typically offered in the spring semester. 3.5 hrs. integrated lecture/lab/wk.

**Credit Hours:** 3

**Prerequisites:** HMPB 155 and HMPB 160 and HMPB 233 and HMPB 252 Corequisites: HMPB 255 and HMPB 260 and HMPB 257

Outline ([http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB\\_262](http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB_262))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11135 001 F2F	---R---	02:45-04:59 PM	01/19/17-05/19/17	HCA 144	Reed A	Closed
	----F--	03:45-05:59 PM	01/20/17-05/19/17	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](http://catalog.jccc.edu/coursedescriptions/hon/#HON_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12735 001 F2F	---R---	06:00-09:30 PM	01/17/17-05/19/17	HCA 148	Page A Prater A	Closed

This section's title is **Honors Forum: Food and Cinema.**

*Honors Course*

Note: This is an honors section. Enrollment is by permission, requiring a minimum GPA of 3.5 and department approval. For additional information and permission to enroll, please contact the honors office at either [honors@jccc.edu](mailto:honors@jccc.edu) or 913-469-8500 ext. 2434.

12181 350 ONLINE	-----	-	01/17/17-05/19/17	Online	Page A Howell K	Closed
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This section's title is **Honors Forum: Sustainability.**

*Honors Course*

Note: This is an honors section. Enrollment is by permission, requiring a minimum GPA of 3.5 and department approval. For additional information and permission to enroll, please contact the honors office at either [honors@jccc.edu](mailto:honors@jccc.edu) or 913-469-8500 ext. 2434.

## Horticulture

### 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](http://catalog.jccc.edu/coursedescriptions/hort/#HORT_115))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11121 050 F2F	--W----	06:00-06:59 PM	02/01/17-05/19/17	HSC 121	Fike T	Closed
	Lab --W----	07:00-09:05 PM	02/01/17-05/19/17	HSC 121		

Note: This is a late start course.

### HORT 201 - Introduction to Horticultural Science

This is an introduction to the principles and practices of horticultural plant systems. Plant structure and function will be discussed, along with the effects of environmental factors on plant growth. General cultural practices will be described, including pest control, mineral nutrition and plant propagation. 3 hrs. lecture, 2 hrs. lab/wk.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/hort/#HORT\\_201](http://catalog.jccc.edu/coursedescriptions/hort/#HORT_201))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11122 380 HYB	Lab -T-----	06:00-07:50 PM	01/17/17-03/12/17	HSC 121	Seckinger G	Closed
	-----	-	01/17/17-03/12/17	Online		
	Lab ---R---	06:00-07:50 PM	01/19/17-03/12/17	HSC 124		

*Mandatory Classroom Meetings*

*Kansas Senate Bill SB 155*

Note: This is an 8-week hybrid course.

## HORT 205 - Plant Propagation

This course provides basic knowledge of the art and science of sexual and asexual methods of propagating plants. Students study the processes of seed development, seed dormancy, germination, root initiation and grafting. Students will learn basic seed sowing, cutting and grafting skills. The students will be able to demonstrate the selection of appropriate propagation methods and choose the proper environmental conditions necessary to achieve successful propagation of seeds or cuttings. 2 hrs. lecture, 3 hrs. lab/wk.

**Credit Hours: 3**

**Prerequisite:** HORT 201 or department approval

Outline ([http://catalog.jccc.edu/coursedescriptions/hort/#HORT\\_205](http://catalog.jccc.edu/coursedescriptions/hort/#HORT_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11123 380 HYB	-----	-	01/17/17-03/12/17	Online	Seckinger G	Closed
	Lab --W----	06:00-08:50 PM	01/18/17-03/12/17	HSC 124		
	Lab M-----	06:00-08:50 PM	01/23/17-03/12/17	HSC 121		

*Kansas Senate Bill SB 155*

*Mandatory Classroom Meetings*

Note: This is an 8-week hybrid course.

11124 381 HYB	-----	-	01/17/17-04/16/17	Online	Sreedhar L	Closed
	Lab -----	-	01/17/17-04/16/17	Online		
	----F--	10:00-10:50 AM	01/20/17-04/16/17	HSC 121		
	Lab ----F--	11:00-12:50 PM	01/20/17-04/16/17	HSC 124		

*Mandatory Classroom Meetings*

*Kansas Senate Bill SB 155*

Note: This is a 12-week course. For hybrid courses, lecture notes posted on-line prior to each class time will introduce you to the course material. The more difficult assimilation step will be with the other students and the instructor during class time. Labs will be hands-on, on campus unless indicated otherwise in the syllabus. Make sure to read the relevant chapter(s) in your textbook where required and the lecture notes before coming to class.

## HORT 215 - Woody Plants II, Evergreens

This course places emphasis on identification, ornamental characteristics, site requirements and use of evergreen trees and shrubs and flowering shrubs with special emphasis on the cultivated varieties in climatic zones 5 and 6. Plant uses and seasonal effects and influences that affect plant choices will be taught. This course will assist the grounds maintenance employee, landscaper and garden center employee in identifying plant materials used in the landscape. 2 hrs. lecture, 3 hrs. lab/wk.

**Credit Hours: 3**

**Associated Costs:** \$10

Outline ([http://catalog.jccc.edu/coursedescriptions/hort/#HORT\\_215](http://catalog.jccc.edu/coursedescriptions/hort/#HORT_215))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11125 380 HYB	-----	-	01/17/17-04/16/17	Online	Boyce B	Closed
	Lab -----	-	01/17/17-04/16/17	Online		
	Lab ----S-	10:00-12:50 PM	01/21/17-04/16/17	HSC 121		

*Mandatory Classroom Meetings*

*Kansas Senate Bill SB 155*

Note: This is a 12-week course. For hybrid courses, lecture notes posted on-line prior to each class time will introduce you to the course material. The more difficult assimilation step will be with the other students and the instructor during class time. Labs will be hands-on, on campus unless indicated otherwise in the syllabus. Make sure to read the relevant chapter(s) in your textbook where required and the lecture notes before coming to class.

11126 381 HYB	Lab M-----	12:00-02:50 PM	01/23/17-04/16/17	HSC 124	Sreedhar L	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
	-----	-	01/23/17-04/16/17	Online		
	Lab -----	-	01/23/17-04/16/17	Online		

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

Note: This is a 11-week course. For hybrid courses, lecture notes posted on-line prior to each class time will introduce you to the course material. The more difficult assimilation step will be with the other students and the instructor during class time. Labs will be hands-on, on campus unless indicated otherwise in the syllabus. Make sure to read the relevant chapter(s) in your textbook where required and the lecture notes before coming to class.

## HORT 225 - Plant Problems

This course is a broad-spectrum overview of plant insects, diseases and nutrition. Students will look at plants to identify the common characteristics found when diagnosing plant problems. Identification, treatment and treatment alternatives will be considered to help customers make diagnostic decisions for the use of chemicals and integrated pest management techniques (IPM). 2 hrs. lecture, 3 hrs. lab/wk.

**Credit Hours:** 3

**Prerequisites:** HORT 214 and HORT 220 or department approval

Outline ([http://catalog.jccc.edu/coursedescriptions/hort/#HORT\\_225](http://catalog.jccc.edu/coursedescriptions/hort/#HORT_225))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11127 380 HYB	-----	-	01/17/17-04/16/17	Online	Sreedhar L	Closed
	Lab -----	-	01/17/17-04/16/17	Online		
	--W----	10:00-10:50 AM	01/18/17-04/16/17	HSC 121		
	Lab --W----	11:00-12:50 PM	01/18/17-04/16/17	HSC 121		

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

Note: This is a 12-week course. For hybrid courses, lecture notes posted on-line prior to each class time will introduce you to the course material. The more difficult assimilation step will be with the other students and the instructor during class time. Labs will be hands-on, on campus unless indicated otherwise in the syllabus. Make sure to read the relevant chapter(s) in your textbook where required and the lecture notes before coming to class.

## HORT 260 - Horticulture Soils

This course covers soil components as well as the physical, chemical and biological properties of soils that affect plant growth. Emphasis will be placed on horticultural substrates and urban soils and their applications. 2 hrs. lecture, 2 hrs. lab/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/hort/#HORT\\_260](http://catalog.jccc.edu/coursedescriptions/hort/#HORT_260))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11129 380 HYB	Lab -T-----	10:00-11:50 AM	01/17/17-05/19/17	HSC 124	Heath H	Closed
	-----	-	01/17/17-05/19/17	Online		

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

Note: For hybrid courses, lecture notes posted on-line prior to each class time will introduce you to the course material. The more difficult assimilation step will be with the other students and the instructor during class time. Labs will be hands-on, on campus unless indicated otherwise in the syllabus. Make sure to read the relevant chapter(s) in your textbook where required and the lecture notes before coming to class.

## HORT 265 - Landscape Construction

This course will cover the theories, principles and practices used in the interpretation and implementation of landscape construction. It will include site planning and preparation, safety principles, tool use and identification, landscape and construction materials, job bid development and project management. Construction projects in the class will vary by semester. 2 hrs. lecture, 2 hrs. lab/wk.

**Credit Hours:** 3

**Associated Costs:** \$30

Outline ([http://catalog.jccc.edu/coursedescriptions/hort/#HORT\\_265](http://catalog.jccc.edu/coursedescriptions/hort/#HORT_265))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11130 001 F2F	-T-----	01:00-02:50 PM	01/17/17-05/19/17	PA 133	Stevens A	Closed
	Lab -T-----	03:00-04:50 PM	01/17/17-05/19/17	HSC 121		

Kansas Senate Bill SB 155

## HORT 270 - Horticulture Internship

Student should be able to apply classroom knowledge to an actual work situation. The internship will provide students on-the-job experience under the supervision of professionals in the Horticultural industry. The work will be developed cooperatively with area employers, college staff and each student to provide a job experience in the area of their horticultural focus and career goals. 20 hrs field study

**Credit Hours:** 3

**Prerequisite:** Department approval

Outline ([http://catalog.jccc.edu/coursedescriptions/hort/#HORT\\_270](http://catalog.jccc.edu/coursedescriptions/hort/#HORT_270))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11131 500 INT	-----	-	01/17/17-05/19/17		Sreedhar L	4 of 10

*Kansas Senate Bill SB 155*  
Note: Practicum hours will be scheduled with the instructor.  
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](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_100))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10225 001 F2F	-T-R---	11:00-11:50 AM	01/17/17-05/19/17	GYM 003C	Nosworthy A	Closed
	-T-R---	11:00-11:50 AM	01/17/17-05/19/17	GYM 003D		

### HPER 101 - Basketball (Intermediate)

Students will have an opportunity to learn intermediate basketball skills through demonstration and discussion of strategies for team play. This course will advance the skills of the student who successfully completed the beginning basketball course. Emphasis is on individual participation and competition team play. 2 hrs./wk.

**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
10230 001 F2F	-T-R---	11:00-11:50 AM	01/17/17-05/19/17	GYM 003C	Nosworthy A	Closed
	-T-R---	11:00-11:50 AM	01/17/17-05/19/17	GYM 003D		

### HPER 104 - Yoga

This class will utilize techniques from yoga which aim to provide mind/body benefits including better posture and increased body awareness. Muscular strength and flexibility will be developed through poses and positions. This class will be geared 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
10237 001 F2F	M-W----	08:00-08:50 AM	01/18/17-05/19/17	GYM 007	Nosworthy A	Closed
10241 002 F2F	M-W----	09:00-09:50 AM	01/18/17-05/19/17	GYM 007	Beattie-Nelson A	Closed
10244 003 F2F	M-W----	10:00-10:50 AM	01/18/17-05/19/17	GYM 007	Beattie-Nelson A	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
10247 004 F2F	M-W----	07:00-07:50 PM	01/18/17-05/19/17	GYM 007	Zickefoose W	Closed
10248 005 F2F	-T-R---	08:30-09:20 AM	01/17/17-05/19/17	GYM 007	Anani S	Closed
10249 006 F2F	-T-R---	01:00-01:50 PM	01/17/17-05/19/17	GYM 007	Zickefoose W	Closed
10250 007 F2F	-T-R---	02:00-02:50 PM	01/17/17-05/19/17	GYM 007	Zickefoose W	Closed
10251 008 F2F	M-W----	06:00-06:50 PM	01/18/17-05/19/17	GYM 007	Zickefoose W	Closed
12600 009 F2F	-T-R---	10:00-10:50 AM	01/17/17-05/19/17	GYM 007	Nosworthy A	Closed

## 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
10355 001 F2F	M-----	06:00-07:50 PM	01/30/17-05/19/17	GYM 003C	Louque W	Closed
	M-----	06:00-07:50 PM	01/30/17-05/19/17	GYM 003D		
	M-----	06:00-07:50 PM	01/30/17-05/19/17	GYM 526		

## HPER 117 - Power Volleyball (Beginning)

The basic skills of volleyball taught in this class include the forearm pass, overhead set, serve, block and spike (attacking). Elementary offense and defense along with volleyball rules, scoring and officiating will be covered. 2 hrs./wk.

**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
10381 001 F2F	M-W----	10:00-10:50 AM	01/18/17-05/19/17	GYM 125	Rogert J	Closed

## 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
10382 001 F2F	M-W----	10:00-10:50 AM	01/18/17-05/19/17	GYM 125	Rogert J	Closed

## 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
10383 350 ONLINE	-----	-	01/17/17-05/19/17	Online	Bloemker M	Closed
Note: All assignments and tests will be online						
10385 352 ONLINE	-----	-	02/13/17-05/14/17	Online	Bloemker M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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Note: All assignments and tests will be 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
10393 003 F2F	M-W----	09:00-09:50 AM	01/18/17-05/19/17	GYM 022	Javorek J	Closed
10395 005 F2F	M-W----	10:00-10:50 AM	01/18/17-05/19/17	GYM 022	Javorek J	Closed
10396 006 F2F	-T-R---	10:00-10:50 AM	01/17/17-05/19/17	GYM 022	Javorek J	Closed

### 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
10399 003 F2F	M-W----	09:00-09:50 AM	01/18/17-05/19/17	GYM 022	Javorek J	Closed
10401 005 F2F	M-W----	10:00-10:50 AM	01/18/17-05/19/17	GYM 022	Javorek J	Closed
10402 006 F2F	-T-R---	10:00-10:50 AM	01/17/17-05/19/17	GYM 022	Javorek J	Closed

### 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
10427 001 F2F	M-W-F--	10:00-10:50 AM	02/27/17-05/12/17	GYM 003B	Nosworthy A	Closed
	M-W-F--	10:00-10:50 AM	02/27/17-05/12/17	GYM 003C		
	M-W-F--	10:00-10:50 AM	02/27/17-05/12/17	GYM 537		

Note: Beginning of class will meet inside Gym 003 (Field House). Weather permitting, the class will meet outside on the tennis courts (537)

10429 003 F2F	-T-R---	11:00-12:20 PM	02/28/17-05/11/17	GYM 003B	Javorek J	Closed
	-T-R---	11:00-12:20 PM	02/28/17-05/11/17	GYM 003C		
	-T-R---	11:00-12:20 PM	02/28/17-05/11/17	GYM 537		

Note: Beginning of class will meet inside Gym 003 (Field House). Weather permitting, the class will meet outside on the tennis courts (537)

### HPER 138 - Tennis (Intermediate)

Students will review the rules, terminology and history of tennis. The student will receive instruction on the strokes of tennis, as well as the strategies of singles and doubles play in a competitive format. Emphasis will be on the mental and physical conditioning of the game. 2 hrs./wk.

**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
10430 001 F2F	M-W-F--	10:00-10:50 AM	02/27/17-05/12/17	GYM 003B	Nosworthy A	Closed
	M-W-F--	10:00-10:50 AM	02/27/17-05/12/17	GYM 003C		
	M-W-F--	10:00-10:50 AM	02/27/17-05/12/17	GYM 537		

Note: Beginning of class will meet inside Gym 003 (Field House). Weather permitting, the class will meet outside on the tennis courts (537)

10432 003 F2F	-T-R---	11:00-12:20 PM	02/28/17-05/11/17	GYM 003B	Javorek J	Closed
	-T-R---	11:00-12:20 PM	02/28/17-05/11/17	GYM 003C		
	-T-R---	11:00-12:20 PM	02/28/17-05/11/17	GYM 537		

Note: Beginning of class will meet inside Gym 003 (Field House). Weather permitting, the class will meet outside on the tennis courts (537)

## HPER 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
10433 001 F2F	M-W----	01:00-01:50 PM	01/18/17-05/19/17	GYM 007	Phillips D	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_155))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10435 001 F2F	M-W----	11:00-11:50 AM	01/18/17-05/19/17	GYM 007	Phillips D	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_185))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10438 001 F2F	-T-----	09:00-11:20 AM	02/28/17-05/09/17	GYM 125	Carter C	Closed
	-T-----	09:00-11:20 AM	02/28/17-05/09/17	GYM 526		

Note: HPER 185 Archery class will meet in Gym Lobby Area outside of Gym 116

10439 002 F2F	---R---	09:00-11:20 AM	03/02/17-05/11/17	GYM 125	Carter C	Closed
	---R---	09:00-11:20 AM	03/02/17-05/11/17	GYM 526		

Note: HPER 185 Archery class will meet in Gym Lobby Area outside of Gym 116

## 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](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_192))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10442 350 ONLNE	-----	-	01/23/17-04/09/17	Online	Carrier D	Closed
Note: The course will incorporate the same content and expectations as the traditional on-campus course. All assignments and tests will be online						
10443 351 ONLNE	-----	-	01/23/17-04/09/17	Online	Carrier D	Closed
Note: The course will incorporate the same content and expectations as the traditional on-campus course. All assignments and tests will be online						
10444 352 ONLNE	-----	-	01/23/17-04/09/17	Online	Carrier D	Closed
Note: The course will incorporate the same content and expectations as the traditional on-campus course. All assignments and tests will be online						
10445 353 ONLNE	-----	-	01/23/17-04/09/17	Online	Brown S	Closed
Note: The course will incorporate the same content and expectations as the traditional on-campus course. All assignments and tests will be online						
10447 355 ONLNE	-----	-	03/27/17-05/19/17	Online	Brown S	Closed
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](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_195))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10449 001 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	ATB 127	Edwinson B	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_200))

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10452 001 F2F	M-W----	02:00-02:50 PM	01/18/17-05/19/17	GYM 021	Brown S	Closed
10454 003 F2F	-T-R---	08:00-09:20 AM	01/31/17-04/13/17	GYM 021	Dey R	Closed
10455 004 F2F	-T-R---	02:00-03:20 PM	01/31/17-04/13/17	GYM 021	Brown S	Closed
10456 005 F2F	M-----	07:30-09:20 PM	01/23/17-05/19/17	GYM 021	Nosworthy A	Closed
10458 376 HYB	-----	-	01/17/17-05/19/17	Online	Brown S	Closed
	--W----	11:00-11:50 AM	01/18/17-05/19/17	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

10459 377 HYB	-T-----	11:00-11:50 AM	01/17/17-05/19/17	GYM 021	Brown S	Closed
	-----	-	01/17/17-05/19/17	Online		

### 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

10461 379 HYB	M-W----	10:00-10:50 AM	01/30/17-03/29/17	GYM 021	Brown S	Closed
	-----	-	01/30/17-04/02/17	Online		

CRN	Days	Time	Date	Location	Instructor	Seats Open
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*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

## 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](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_202))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10464 001 F2F	-T-R---	12:30-01:50 PM	01/17/17-05/19/17	GYM 013	Stinson J	Closed
10474 002 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	GYM 013	Carrier D	Closed
10475 003 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	GYM 013	Carrier D	Closed
10465 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Stinson J	Closed

Note: All assignments and tests will be online

10466 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Carrier D	Closed
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Note: All assignments and tests will be online

10467 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Mallory L	Closed
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Note: All assignments and tests will be online

10468 353 ONLNE	-----	-	01/17/17-05/19/17	Online	Stinson J	Closed
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Note: All assignments and tests will be online

10469 354 ONLNE	-----	-	03/27/17-05/19/17	Online	Mallory L	Closed
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Note: This course is accelerated and will incorporate the same content and expectations as the traditional full term course. All assignments and tests will be online

10470 355 ONLNE	-----	-	01/17/17-05/19/17	Online	Carrier D	Closed
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Note: All assignments and tests will be online

10472 357 ONLNE	-----	-	01/30/17-04/16/17	Online	Stinson J	Closed
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Note: This course is accelerated and will incorporate the same content and expectations as the traditional full term course. All assignments and tests will be online

10473 358 ONLNE	-----	-	01/30/17-04/16/17	Online	Stinson J	Closed
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Note: This course is accelerated and will incorporate the same content and expectations as the traditional full term course. All assignments and tests will be online

## HPER 204 - Care and Prevention of Athletic Injury

Care and Prevention of Athletic Injuries will focus on recognition, evaluation, treatment and recording of common athletic injuries. Human anatomy will be emphasized through the understanding of athletic movements and physical testing. Additional topics include legal and ethical practices for the athletic trainer and the psychology of today's competitive athlete. Care and Prevention of Athletic Injuries is the basic sports medicine class required by most exercise science and coaching degree programs. 3 hrs. lecture/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_204](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_204))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10476 001 F2F	-T-R---	09:30-10:50 AM	01/17/17-05/19/17	GYM 013	Brethauer S	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_208))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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10477	001 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	GYM 013	Brethauer S	Closed
10478	002 F2F	-T-R---	11:00-12:20 PM	01/17/17-05/19/17	GYM 013	Groves P	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
10479	001 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	GYM 013	Canary D	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_224))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
10480	350 ONLNE	-----	-	01/17/17-05/19/17	Online	Burgess C	Closed

Note: During this class students will communicate with the instructor and classmates regarding their outdoor recreational experiences and complete written assignments and tests online

10481	351 ONLNE	-----	-	02/13/17-05/14/17	Online	Burgess C	Closed
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Note: During this class students will communicate with the instructor and classmates regarding their outdoor recreational experiences and complete written assignments and tests online

## HPER 240 - Lifetime Fitness I

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](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
10526	001 F2F	-----	-	01/17/17-05/19/17	GYM 103	Brown S	Closed

*Lifetime Fitness*

Note: Lifetime Fitness I requires an initial orientation. Complete your orientation online through Desire2Learn. You must purchase the Lifetime Fitness and Wellness Manual. (A new manual is required due to copyright laws). Orientation must be completed within two weeks of the start of the course or you will be dropped for non-attendance. After the orientation, the class becomes an open-lab format. If you have further questions contact your instructor

10530	002 F2F	-----	-	01/17/17-05/19/17	GYM 103	Brown S	Closed
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*Lifetime Fitness*

Note: Lifetime Fitness I requires an initial orientation. Complete your orientation online through Desire2Learn. You must purchase the Lifetime Fitness and Wellness Manual. (A new manual is required due to copyright laws). Orientation must be completed within two weeks of the start of the course or you will be dropped for non-attendance. After the orientation, the class becomes an open-lab format. If you have further questions contact your instructor

10535	003 F2F	-----	-	01/17/17-05/19/17	GYM 103	Brown S	Closed
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*Lifetime Fitness*

Note: Lifetime Fitness I requires an initial orientation. Complete your orientation online through Desire2Learn. You must purchase the Lifetime Fitness and Wellness Manual. (A new manual is required due to copyright laws). Orientation must be completed within two weeks of the start of the course or you will be dropped for non-attendance. After the orientation, the class becomes an open-lab format. If you have further questions contact your instructor

10540	005 F2F	-----	-	01/17/17-05/19/17	GYM 103	Brown S	Closed
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*Lifetime Fitness*

Note: Lifetime Fitness I requires an initial orientation. Complete your orientation online through Desire2Learn. You must purchase the Lifetime Fitness and Wellness Manual. (A new manual is required due to copyright laws). Orientation must be completed within two weeks of the start of the course or you will be dropped for non-attendance. After the orientation, the class becomes an open-lab format. If you have further questions contact your instructor

10544	007 F2F	-----	-	01/17/17-05/19/17	GYM 103	Brown S	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
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*Lifetime Fitness*

Note: Lifetime Fitness I requires an initial orientation. Complete your orientation online through Desire2Learn. You must purchase the Lifetime Fitness and Wellness Manual. (A new manual is required due to copyright laws). Orientation must be completed within two weeks of the start of the course or you will be dropped for non-attendance. After the orientation, the class becomes an open-lab format. If you have further questions contact your instructor

10546 008 F2F	-----	-	01/23/17-05/19/17	GYM 103	Brown S	Closed
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*Lifetime Fitness*

Note: Lifetime Fitness I requires an initial orientation. Complete your orientation online through Desire2Learn. You must purchase the Lifetime Fitness and Wellness Manual. (A new manual is required due to copyright laws). Orientation must be completed within two weeks of the start of the course or you will be dropped for non-attendance. After the orientation, the class becomes an open-lab format. If you have further questions contact your instructor

10550 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Brown S	Closed
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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

10551 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Brown S	Closed
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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

## 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](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_241))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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10556 001 F2F	-----	-	01/17/17-05/19/17	GYM 103	Dey R	Closed
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*Lifetime Fitness*

10557 002 F2F	-----	-	01/17/17-05/19/17	GYM 103	Dey R	Closed
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*Lifetime Fitness*

10564 003 F2F	-----	-	01/17/17-05/19/17	GYM 103	Hall T	Closed
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*Lifetime Fitness*

10567 004 F2F	-----	-	01/23/17-05/19/17	GYM 103	Brown S	Closed
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*Lifetime Fitness*

10569 350 ONLNE	-----	-	01/17/17-05/19/17		Brown S	Closed
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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

## 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](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_245))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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10574 001 F2F	-T-R---	09:30-10:50 AM	01/17/17-05/19/17	GYM 021	Stinson J	Closed
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	-T-R---	09:30-10:50 AM	01/17/17-05/19/17	GYM 125		
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## 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 \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_255\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10579 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Mallory L	Closed
Note: All assignments and tests will be online						
10581 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Mallory L	Closed
Note: All assignments and tests will be online						
12991 352 ONLNE	-----	-	03/27/17-05/19/17	Online	Mallory L	Closed
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						

## 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 \(http://catalog.jccc.edu/coursedescriptions/hum/#HUM\\_122\)](http://catalog.jccc.edu/coursedescriptions/hum/#HUM_122)

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10872 001 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CC 344	Hoare T	Closed
10876 005 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	CC 344	Hoare T	Closed
10877 006 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CC 344	Noble T	Closed
10878 007 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	CC 344	McCarty L	Closed
10879 008 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CC 344	McCarty L	Closed
10880 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Robertson M	Closed
10881 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Garrett M	Closed
10882 353 ONLNE	-----	-	01/17/17-05/19/17	Online	Garrett M	Closed
10883 354 ONLNE	-----	-	01/17/17-05/19/17	Online	Domoney J	Closed

### HUM 137 - Introduction to Russian Culture

This course is a survey of the cultural history of Russia from the ninth century to the present. The approach is interdisciplinary, examining representative examples of Russian art, architecture, music, theater, dance, literature and philosophy in their historical context. In addition to developing the students' appreciation of Russia's contribution to world culture, the course aims to enhance students' understanding of the contemporary world. 3 hrs. lecture/wk.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/hum/#HUM\\_137\)](http://catalog.jccc.edu/coursedescriptions/hum/#HUM_137)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10884 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Mack J	Closed

### HUM 146 - Introduction to World Humanities II

This course will acquaint students with the arts and ideas of the world's major civilizations, from the Renaissance to the present. The approach will be both interdisciplinary and chronological, covering the artistic values embodied in painting, sculpture, architecture, literature, theater, music and dance as they have emerged out of their historical contexts. In addition to providing the fundamental principles, methodologies and theories used in the study of the humanities, the course aims to enhance students' understanding of the contemporary world. 3 hrs. lecture/wk. This course is taught in the spring semester.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/hum/#HUM\\_146\)](http://catalog.jccc.edu/coursedescriptions/hum/#HUM_146)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10885 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Murphy J	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
13059 352 ONLNE	-----	-	03/20/17-05/14/17	Online	Murphy J	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/hum/#HUM_155))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10886 001 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CC 338	Bailes K	Closed
10887 002 F2F	-T-R--	09:30-10:45 AM	01/17/17-05/19/17	CC 338	Robertson M	Closed
10888 003 F2F	M-----	06:00-08:50 PM	01/23/17-05/19/17	CC 344	Norcott-Mahany B	Closed
10889 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Norcott-Mahany B	Closed
10890 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Jackson J	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/hum/#HUM_156))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10891 001 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	CC 338	Bailes K	Closed

## HUM 167 - Introduction to Japanese Culture

The course acquaints students with the arts and ideas of Japan, from its pre-history through the present day. The approach is interdisciplinary, examining artistic and philosophical values embodied in theatre (including dance and music), painting (calligraphy), woodblock prints, ceramics, sculpture, literature, and gardens, as well as modern developments including anime and film. In addition to developing the students' appreciation of Japan's contribution to world culture, the course aims to enhance students' understanding of the contemporary world. 3 hrs. lecture/wk. This course is taught in the spring semester.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hum/#HUM\\_167](http://catalog.jccc.edu/coursedescriptions/hum/#HUM_167))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10892 001 F2F	-T-R--	11:00-12:15 PM	01/17/17-05/19/17	CC 338	Philip S	Closed

## 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
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<b>10790</b> 001 F2F	-T-R---	08:00-09:20 AM	01/17/17-05/19/17	ATB 127	Clyde J	<b>Closed</b>
<b>Lab</b>	-T-R---	09:30-10:50 AM	01/17/17-05/19/17	ATB 148		

*Kansas Senate Bill SB 155*

<b>10794</b> 002 F2F	M-W----	06:00-07:20 PM	01/18/17-05/19/17	ATB 134	Kessell G	<b>Closed</b>
<b>Lab</b>	M-W----	07:30-08:50 PM	01/18/17-05/19/17	ATB 148		

*Kansas Senate Bill SB 155*

## HVAC 110 - Electrical Fundamentals

This course is in electrical theory and is required for HVAC but is appropriate for all interested students. Common electrical components found in the HVAC industry are used to develop these skills. Upon successful completion of this course, the student should be able to identify electrical components and their relationships to the various repair and troubleshooting techniques. 3 hrs. lecture/wk. and 3 hrs. lab/wk.

**Credit Hours: 4**

**Associated Costs: \$30-150**

Outline ([http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC\\_110](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_110))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>10795</b> 001 F2F	-T-R---	11:30-12:50 PM	01/17/17-05/19/17	ATB 164	Clyde J	<b>Closed</b>
<b>Lab</b>	-T-R---	01:00-02:20 PM	01/17/17-05/19/17	ATB 164		

*Kansas Senate Bill SB 155*

<b>10796</b> 002 F2F	-T-R---	06:00-07:20 PM	01/17/17-05/19/17	ATB 164	Kruse S	<b>Closed</b>
<b>Lab</b>	-T-R---	07:30-08:50 PM	01/17/17-05/19/17	ATB 164		

*Kansas Senate Bill SB 155*

## HVAC 136 - Heating System Fundamentals

Upon successful completion of this course, the student should be able to identify all the components and accessories in residential heating systems. Emphasis will be on the electrical diagrams and mechanical principles. Practical instruction in service diagnostic procedures for efficient operation, maintenance and troubleshooting of these systems make up the lab portion of the course. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

**Credit Hours: 3**

**Associated Costs: \$30-150**

Outline ([http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC\\_136](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_136))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>10797</b> 001 F2F	M-W----	08:00-08:50 AM	01/18/17-05/19/17	ATB 127	Steinmetz M	<b>Closed</b>
<b>Lab</b>	M-W----	09:00-10:20 AM	01/18/17-05/19/17	ATB 148		

*Kansas Senate Bill SB 155*

## HVAC 142 - Load Calculations

Upon successful completion of this course, students will be able to perform the load calculations for residential and commercial HVAC applications. The students will be using the Air Conditioning Contractors of America (ACCA) Manual J and Manual N. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC\\_142](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_142))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>10798</b> 001 F2F	M-W----	08:00-08:50 AM	01/18/17-05/19/17	ATB 164	Hendren H	<b>Closed</b>
<b>Lab</b>	M-W----	09:00-10:20 AM	01/18/17-05/19/17	ATB 155		

*Kansas Senate Bill SB 155*

<b>10799</b> 002 F2F	-T-R---	06:00-06:50 PM	01/17/17-05/19/17	ATB 128	Eberle D	<b>Closed</b>
<b>Lab</b>	-T-R---	07:00-08:20 PM	01/17/17-05/19/17	ATB 155		

*Kansas Senate Bill SB 155*

## HVAC 164 - EPA 608 Refrigerant Management



The student should have a complete understanding and knowledge of the characteristics of several different types of refrigerants and the correct usage. Upon completion of this course, the student should be able to pass the examination set forth by a third-party testing facility. 1 hr. lecture/wk.

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC\\_164](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_164))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10871 001 F2F	----S-	08:00-04:00 PM	03/25/17-04/01/17	ITC 188	Lamping J	Closed

## 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
10816 001 F2F	M-W----	11:00-11:50 AM	01/18/17-05/19/17	ATB 127	Hendren H	Closed
	Lab M-W----	12:00-01:20 PM	01/18/17-05/19/17	ATB 148		
<i>Kansas Senate Bill SB 155</i>						
10817 002 F2F	-T-R--	06:00-06:50 PM	01/17/17-05/19/17	ATB 142	Crouch D	Closed
	Lab -T-R--	07:00-08:20 PM	01/17/17-05/19/17	ATB 148		

*Kansas Senate Bill SB 155*

## HVAC 201 - Cooling Systems

Upon successful completion of this course, the student should be able to identify all the components and accessories and their relationship to the functions of residential and commercial air conditioning and heat pump systems. Topics covered will include air conditioner condensing units, metering devices, evaporation coils and refrigerants. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

**Credit Hours:** 3

**Associated Costs:** \$30-150

**Prerequisites:** HVAC 105 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
10818 001 F2F	-T-R--	08:00-08:50 AM	01/17/17-05/19/17	ATB 132	Lamping J	Closed
	Lab -T-R--	09:00-10:20 AM	01/17/17-05/19/17	ATB 148		
<i>Kansas Senate Bill SB 155</i>						
10819 002 F2F	M-W----	06:00-06:50 PM	01/18/17-05/19/17	ATB 128	Leone N	Closed
	Lab M-W----	07:00-08:20 PM	01/18/17-05/19/17	ATB 148		

*Kansas Senate Bill SB 155*

## HVAC 236 - Advanced Heating Applications

Upon successful completion of this course, the student will be able to identify all the components and accessories of furnaces, heat pumps or boiler systems that are used either in residential or commercial spaces. The student should also be able to demonstrate familiarity with aspects of fuel gas piping, gas appliance venting, water heater installations, combustion air requirements and proper piping techniques. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

**Credit Hours:** 3

**Associated Costs:** \$30-100

**Prerequisites:** HVAC 105 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
10820 001 F2F	M-W----	02:00-02:50 PM	01/18/17-05/19/17	ATB 127	Lamping J	Closed
	Lab M-W----	03:00-04:20 PM	01/18/17-05/19/17	ATB 148		
<i>Kansas Senate Bill SB 155</i>						
10822 002 F2F	M-W----	06:00-06:50 PM	01/18/17-05/19/17	ATB 142	Lamping J	Closed
	Lab M-W----	07:00-08:20 PM	01/18/17-05/19/17	ATB 148		
<i>Kansas Senate Bill SB 155</i>						

## 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](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10823 001 F2F	-T-R---	11:00-11:50 AM	01/17/17-05/19/17	ATB 127	Lamping J	Closed
	Lab -T-R---	12:00-01:20 PM	01/17/17-05/19/17	ATB 148		
<i>Kansas Senate Bill SB 155</i>						
12756 002 F2F	-T-R---	02:00-02:50 PM	01/17/17-05/19/17	ATB 129	Hendren H	Closed
	Lab -T-R---	03:00-04:20 PM	01/17/17-05/19/17	ATB 148		
<i>Kansas Senate Bill SB 155</i>						

## HVAC 275 - HVAC Code Review

This course is for the use and interpretation of the current International Mechanical Code (IMC). Upon successful completion of this course, the student should be able to interpret and apply the Code to HVAC applications. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Requirements:** Prerequisites: HVAC 142 and HVAC 201 AND Prerequisite or Corequisite: HVAC 136

Outline ([http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC\\_275](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_275))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10833 001 F2F	----F--	05:00-07:50 PM	01/20/17-05/19/17	ATB 125	Hendren H	Closed

## HVAC 277 - HVAC Control Systems

Upon successful completion of this course, the student should be able to identify the components and theory in electronic, pneumatic and direct digital control systems. Classroom topics will center on components, wiring diagrams, calibration and sequences of operation, system components, theory of operation, wiring diagrams and installation methods. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

**Credit Hours:** 3

**Associated Costs:** \$30-150

**Requirements:** Prerequisite: HVAC 201 AND Prerequisite or Corequisite: HVAC 236

Outline ([http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC\\_277](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_277))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10834 001 F2F	M-W----	06:00-06:50 PM	01/18/17-05/19/17	ATB 164	Zuck H	Closed
	Lab M-W----	07:00-08:20 PM	01/18/17-05/19/17	ATB 164		
<i>Kansas Senate Bill SB 155</i>						

## 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](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_280))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>10835</b> 501 INT	-----	-	01/17/17-05/19/17		Lamping J	3 of 15
<i>Kansas Senate Bill SB 155</i>						
Requirement: Department approval						
<b>10836</b> 503 INT	-----	-	01/17/17-05/19/17		Eberle D	2 of 10
<i>Kansas Senate Bill SB 155</i>						
Requirement: Department approval						

## 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-\$20

Outline ([http://catalog.jccc.edu/coursedescriptions/indt/#INDT\\_125](http://catalog.jccc.edu/coursedescriptions/indt/#INDT_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>11071</b> 001 F2F	--W----	02:00-04:50 PM	01/18/17-05/19/17	ATB 131	Gilmore S	Closed
<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						
<b>11072</b> 002 F2F	-T-----	02:00-04:50 PM	01/17/17-05/19/17	ITC 187	Gilmore S	Closed
<i>Kansas Senate Bill SB 155</i>						
Note: This section is for AET majors only. Attendance at all class sessions is mandatory in order to receive the OSHA completion card. No exceptions will be made.						
<b>11073</b> 003 F2F	-T-----	06:00-08:50 PM	01/17/17-05/19/17	ITC 122	Gilmore S	Closed
<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						
<b>11074</b> 004 F2F	-T-----	12:00-01:50 PM	01/17/17-03/07/17	ITC 187	Gilmore S	Closed
	M-W----	12:00-01:50 PM	01/17/17-03/08/17	ATB 164		
<i>Kansas Senate Bill SB 155</i>						
Note: This section is for ELTE majors only. Attendance at all class sessions is mandatory in order to receive the OSHA completion card. No exceptions will be made						
<b>11075</b> 005 F2F	----S-	08:00-05:00 PM	01/21/17-02/18/17	ATB 131	Burks D	Closed
<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 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-\$20

Outline ([http://catalog.jccc.edu/coursedescriptions/indt/#INDT\\_150](http://catalog.jccc.edu/coursedescriptions/indt/#INDT_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>11076</b> 001 F2F	----F--	12:00-02:50 PM	01/20/17-05/19/17	ITC 188	Gilmore S	Closed

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

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](http://catalog.jccc.edu/coursedescriptions/indt/#INDT_155))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11077 001 F2F	----F--	09:30-10:20 AM	01/20/17-05/19/17	ATB 131	Weible M	Closed
11078 002 F2F	----F--	01:00-01:50 PM	01/20/17-05/19/17	ATB 131	Bedell T	Closed
11079 003 F2F	M-----	05:00-05:50 PM	01/23/17-05/19/17	ITC 183	Bedell T	Closed
11080 004 F2F	----S-	08:00-05:30 PM	02/04/17-02/11/17	🚗 LPC A	Criner K	Closed
11411 005 F2F	----SU	08:00-05:30 PM	04/15/17-04/16/17	ATB 131	Bedell T	Closed

Note: This section meets Saturday AND Sunday

12597 006 F2F	----S-	08:00-05:30 PM	02/25/17-03/04/17	ATB 131	Hendren H	Closed
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Note: This section reserved for HVAC students only

## Interpreter Training

### INTR 123 - Intermediate American Sign Language II

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

Note: INTR 123, FL 271 and ASL 123 are the same course; only enroll in one

**Credit Hours:** 3

**Associated Costs:** \$10 to 20

**Prerequisite:** INTR 122 or ASL 122 or FL 270 with a grade of "C" or higher and **Corequisite:** For students accepted in the interpreter training program: INTR 131 and INTR 135 and INTR 242 and INTR 248 all with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/coursedescriptions/intr/#INTR\\_123](http://catalog.jccc.edu/coursedescriptions/intr/#INTR_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12052 002 F2F	M-W-F--	08:00-09:50 AM	01/18/17-05/19/17	GEB 215	Luton D	Closed

Kansas Senate Bill SB 155

### INTR 131 - Interpreting Preparation Skills

This course provides students with a foundation in the theory of interpretation. Students will explore the Colonomos Model of interpreting and apply this model by first using pre-interpreting skills in isolation. Then students will progress from producing translations to interpreting consecutively. 4 hrs. integrated lecture-lab/wk.

**Credit Hours:** 2

**Associated Costs:** \$10 to 50

**Prerequisites:** INTR 130 with a grade of "C" or higher and acceptance into the interpreter training program **Corequisites:** INTR 123 and INTR 135 and INTR 242 and INTR 248 all with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/coursedescriptions/intr/#INTR\\_131](http://catalog.jccc.edu/coursedescriptions/intr/#INTR_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12054 001 F2F	M-W----	10:00-11:50 AM	01/18/17-05/19/17	GEB 311	Prather P	Closed

Kansas Senate Bill SB 155

## INTR 135 - Intro to American Sign Language Linguistics

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

**Credit Hours:** 3

**Associated Costs:** \$10 to 50

**Prerequisite:** INTR 122 or ASL 122 or FL 270 with a grade of "C" or higher **Corequisites:** for students accepted in the interpreter training program enroll in: INTR 123 and INTR 242 and INTR 131 and INTR 248 all with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/coursedescriptions/intr/#INTR\\_135](http://catalog.jccc.edu/coursedescriptions/intr/#INTR_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12057 001 F2F	-T-----	09:30-12:20 PM	01/17/17-05/19/17	GEB 215	Kuhns K	Closed

*Kansas Senate Bill SB 155*

## INTR 242 - Fingerspelling II

This course focuses on continued development of expressive and receptive fingerspelling skills based on word and phrase recognition and expression. 3 hrs. integrated lecture/lab/wk.

**Credit Hours:** 2

**Prerequisite:** INTR 147 with a grade of "C" or higher **Corequisites:** INTR 123 and INTR 131 and INTR 135 and INTR 248 all with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/coursedescriptions/intr/#INTR\\_242](http://catalog.jccc.edu/coursedescriptions/intr/#INTR_242))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12058 001 F2F	-T-R---	08:00-09:20 AM	01/17/17-05/19/17	GEB 215	Luton D	Closed

*Kansas Senate Bill SB 155*

## INTR 248 - Deaf Community Ethnography

This advanced course will provide students the opportunity to explore power and oppression issues experienced by d/Deaf people. Specific attention will be given to society's views of the d/Deaf community and the influence of various media on these views. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Associated Costs:** \$10 to 25

**Prerequisite:** INTR 145 or ASL 145 with a grade of "C" or higher **Corequisites:** (INTR 123 or ASL 123) and INTR 131 and (INTR 135 or ASL 135) and INTR 242 all with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/coursedescriptions/intr/#INTR\\_248](http://catalog.jccc.edu/coursedescriptions/intr/#INTR_248))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12059 001 F2F	---R---	09:30-12:20 PM	01/19/17-05/19/17	GEB 215	Kuhns K	Closed

*Kansas Senate Bill SB 155*

## INTR 251 - Interpreting II

This is an advanced course concentrating on continued develop of English-to-ASL, ASL transliteration skills development. Students will have the opportunity to use these skills as stimulus material gradually becomes more advanced. 4 hrs. integrated lecture/lab/wk.

**Credit Hours:** 2

**Associated Costs:** \$10 to 50

**Prerequisite:** INTR 250 with a grade of "C" or higher **Corequisites:** INTR 262 and INTR 282 and AAC 150 all with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/coursedescriptions/intr/#INTR\\_251](http://catalog.jccc.edu/coursedescriptions/intr/#INTR_251))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12060 001 F2F	--W----	05:00-08:50 PM	01/18/17-05/19/17	SCI 118	Prather P	Closed

*Kansas Senate Bill SB 155*

## INTR 262 - Seminar on Interpreting

This course provides students with knowledge of stress management as applied to both the physical demands and mental conditions of sign language interpreting. Students will learn and apply decision-making techniques in regard to the Interpreter (RID) Code of Ethics. Additionally, the course provides students with knowledge of career development theory, career decision-making and the job-search process. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite:** INTR 250 with a grade of "C" or higher **Corequisites:** INTR 251 and INTR 282 and AAC 150 all with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/coursedescriptions/intr/#INTR\\_262](http://catalog.jccc.edu/coursedescriptions/intr/#INTR_262))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12061 001 F2F	M-----	05:00-07:50 PM	01/23/17-05/19/17	CC 321	Prather P	Closed

## INTR 282 - Interpreting Practicum II

This course provides students with an opportunity to observe and interpret in an off-site setting with the supervision of an experienced interpreter. Students will actively engage in discussions relating to the difficulties and rewards of working in a realistic interpreting environment. The fieldwork totals 270 hours a semester.

**Credit Hours:** 6

**Associated Costs:** \$10 to 50

**Prerequisite:** INTR 181 with a grade of "C" or higher **Corequisites:** INTR 251 and INTR 262 and AAC 150 all with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/coursedescriptions/intr/#INTR\\_282](http://catalog.jccc.edu/coursedescriptions/intr/#INTR_282))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12062 500 INT	-----	-	01/17/17-05/19/17	Online	Kuhns K	2 of 10
	---F--	09:00-04:00 PM	01/20/17-01/20/17	GEB 381		
	---F--	09:00-04:00 PM	02/17/17-02/17/17	GEB 381		
	---F--	09:00-04:00 PM	03/24/17-03/24/17	GEB 381		
	---R--	09:00-04:00 PM	04/20/17-04/20/17	ATB 131		
	-T-----	01:00-04:00 PM	05/09/17-05/09/17	GEB 281		

*Mandatory Classroom Meetings*

*Kansas Senate Bill SB 155*

Note: For more information, contact the instructor, Kimberly Kuhns at [kkuhns@jccc.edu](mailto:kkuhns@jccc.edu).


## 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](http://catalog.jccc.edu/coursedescriptions/it/#IT_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11906 001 F2F	-T-R--	08:30-10:00 AM	01/17/17-05/19/17	 LCCC 006	Hauptman P	Closed

*Kansas Senate Bill SB 155*

*Accelerating Opportunity KS*

Note: This section is intended for students applying for the accelerated TAACCCT program. For more information, contact IT chair Mazen Akkam at [makkam@jccc.edu](mailto:makkam@jccc.edu) or ext. 3348 or Joan Curtis at ext. 3685. A TAACCCT program application is required for department approval. Here is the link with directions. [https://secure.touchnet.com/C20110\\_ustores/web/product\\_detail.jsp?PRODUCTID=19058](https://secure.touchnet.com/C20110_ustores/web/product_detail.jsp?PRODUCTID=19058) ([https://secure.touchnet.com/C20110\\_ustores/web/product\\_detail.jsp?PRODUCTID=19058](https://secure.touchnet.com/C20110_ustores/web/product_detail.jsp?PRODUCTID=19058))

11949 350 ONLINE	-----	-	03/20/17-05/14/17	Online	Lutz A	Closed
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*Accelerating Opportunity KS*

*Kansas Senate Bill SB 155*

Note: This 8-week section is recommended to be taken following ELEC 186-350 CompTIA A+ Essentials to align with the A+ Certification. You can progress at your pace and complete it in 8 weeks or less based on your mastery of the course objectives. This course requires department approval. For more information, contact Andrew Lutz at [alutz4@jccc.edu](mailto:alutz4@jccc.edu) or 913-469-8500 ext. 2213. This section is intended for students applying for the accelerated TAACCCT program. For more information, contact IT chair Mazen Akkam at [makkam@jccc.edu](mailto:makkam@jccc.edu) or ext. 3348 or Joan Curtis at ext. 3685. A TAACCCT program application is required for department approval. Here is the link with directions. [https://secure.touchnet.com/C20110\\_ustores/web/product\\_detail.jsp?PRODUCTID=19058](https://secure.touchnet.com/C20110_ustores/web/product_detail.jsp?PRODUCTID=19058) ([https://secure.touchnet.com/C20110\\_ustores/web/product\\_detail.jsp?PRODUCTID=19058](https://secure.touchnet.com/C20110_ustores/web/product_detail.jsp?PRODUCTID=19058))

11950 351 ONLINE	-----	-	01/17/17-05/19/17	Online	Lutz A	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open	
<i>Kansas Senate Bill SB 155</i>							
<i>Accelerating Opportunity KS</i>							
Note: This section is intended for students applying for the accelerated TAACCCT program. For more information, contact IT chair Mazen Akkam at <a href="mailto:makkam@jccc.edu">makkam@jccc.edu</a> or ext. 3348 or Joan Curtis at ext. 3685. A TAACCCT program application is required for department approval. Here is the link with directions. <a href="https://secure.touchnet.com/C20110_ustores/web/product_detail.jsp?PRODUCTID=19058">https://secure.touchnet.com/C20110_ustores/web/product_detail.jsp?PRODUCTID=19058</a> ( <a href="https://secure.touchnet.com/C20110_ustores/web/product_detail.jsp?PRODUCTID=19058">https://secure.touchnet.com/C20110_ustores/web/product_detail.jsp?PRODUCTID=19058</a> )							
<b>11951</b>	376 HYB	-T-----	01:00-02:50 PM	01/17/17-05/19/17	RC 340	Lutz A	<b>Closed</b>
		-----	-	01/17/17-05/19/17	<b>Online</b>		

<i>Kansas Senate Bill SB 155</i>							
<i>Accelerating Opportunity KS</i>							
<i>Mandatory Classroom Meetings</i>							
Note: This section is intended for students applying for the accelerated TAACCCT program. For more information, contact IT chair Mazen Akkam at <a href="mailto:makkam@jccc.edu">makkam@jccc.edu</a> or ext. 3348 or Joan Curtis at ext. 3685. A TAACCCT program application is required for department approval. Here is the link with directions. <a href="https://secure.touchnet.com/C20110_ustores/web/product_detail.jsp?PRODUCTID=19058">https://secure.touchnet.com/C20110_ustores/web/product_detail.jsp?PRODUCTID=19058</a> ( <a href="https://secure.touchnet.com/C20110_ustores/web/product_detail.jsp?PRODUCTID=19058">https://secure.touchnet.com/C20110_ustores/web/product_detail.jsp?PRODUCTID=19058</a> )							
<b>11952</b>	377 HYB	-T-----	06:00-07:50 PM	01/17/17-05/19/17	RC 350	Hauptman P	<b>Closed</b>
		-----	-	01/17/17-05/19/17	<b>Online</b>		

<i>Kansas Senate Bill SB 155</i>							
<i>Mandatory Classroom Meetings</i>							
<i>Accelerating Opportunity KS</i>							
Note: This section is intended for students applying for the accelerated TAACCCT program. For more information, contact IT chair Mazen Akkam at <a href="mailto:makkam@jccc.edu">makkam@jccc.edu</a> or ext. 3348 or Joan Curtis at ext. 3685. A TAACCCT program application is required for department approval. Here is the link with directions. <a href="https://secure.touchnet.com/C20110_ustores/web/product_detail.jsp?PRODUCTID=19058">https://secure.touchnet.com/C20110_ustores/web/product_detail.jsp?PRODUCTID=19058</a> ( <a href="https://secure.touchnet.com/C20110_ustores/web/product_detail.jsp?PRODUCTID=19058">https://secure.touchnet.com/C20110_ustores/web/product_detail.jsp?PRODUCTID=19058</a> )							
<b>12705</b>	378 HYB	---F--	06:00-07:50 PM	01/20/17-05/19/17	RC 346	Pitts R	<b>Closed</b>
		-----	-	01/20/17-05/19/17	<b>Online</b>		

<i>Accelerating Opportunity KS</i>						
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						
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## 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](http://catalog.jccc.edu/coursedescriptions/it/#IT_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
<b>11953</b>	350 ONLNE	-----	-	01/17/17-05/19/17	<b>Online</b>	Renfro T	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>							
<b>11954</b>	351 ONLNE	-----	-	01/17/17-05/19/17	<b>Online</b>	Renfro T	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>							
<b>11955</b>	352 ONLNE	-----	-	01/17/17-05/19/17	<b>Online</b>	Renfro T	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>							
<b>11959</b>	376 HYB	--W----	06:00-07:50 PM	01/18/17-05/19/17	RC 350	Peterson M	<b>Closed</b>
		-----	-	01/18/17-05/19/17	<b>Online</b>		
<i>Mandatory Classroom Meetings</i>							
<i>Kansas Senate Bill SB 155</i>							
<b>12657</b>	377 HYB	---R---	01:00-02:50 PM	01/19/17-05/19/17	RC 350	Renfro T	<b>Closed</b>
		-----	-	01/19/17-05/19/17	<b>Online</b>		
<i>Kansas Senate Bill SB 155</i>							
<i>Mandatory Classroom Meetings</i>							
<b>11963</b>	378 HYB	---R---	06:00-07:50 PM	01/19/17-05/19/17	RC 350	Wehr W	<b>Closed</b>
		-----	-	01/19/17-05/19/17	<b>Online</b>		
<i>Mandatory Classroom Meetings</i>							
<i>Kansas Senate Bill SB 155</i>							
<b>12658</b>	379 HYB	---F--	10:00-11:50 AM	01/20/17-05/19/17	RC 350	Renfro T	<b>Closed</b>

CRN	Days	Time	Date	Location	Instructor	Seats Open
	-----	-	01/20/17-05/19/17	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						
<b>11966</b> 381 HYB	M-----	10:00-11:50 AM	01/23/17-05/19/17	RC 350	Lutz A	Closed
	-----	-	01/23/17-05/19/17	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						
<b>11967</b> 382 HYB	M-----	06:00-07:50 PM	01/23/17-05/19/17	RC 350	Al-Rawi A	Closed
	-----	-	01/23/17-05/19/17	Online		
<i>Kansas Senate Bill SB 155</i>						
<i>Mandatory Classroom Meetings</i>						

## 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](http://catalog.jccc.edu/coursedescriptions/it/IT_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>11968</b> 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Akkam M	Closed
<i>Kansas Senate Bill SB 155</i>						
<b>11969</b> 376 HYB	-T----	10:00-11:50 AM	01/17/17-05/19/17	RC 352	Akkam M	Closed
	-----	-	01/17/17-05/19/17	Online		
<i>Kansas Senate Bill SB 155</i>						
<i>Mandatory Classroom Meetings</i>						
<b>11970</b> 377 HYB	-T----	06:00-07:50 PM	01/17/17-05/19/17	RC 352	Wehr W	Closed
	-----	-	01/17/17-05/19/17	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](http://catalog.jccc.edu/coursedescriptions/it/IT_201))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>12659</b> 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Akkam M	Closed
<i>Kansas Senate Bill SB 155</i>						
<b>11971</b> 376 HYB	---R---	06:00-07:50 PM	01/19/17-05/19/17	RC 352	Al-Rawi A	Closed
	-----	-	01/19/17-05/19/17	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</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](http://catalog.jccc.edu/coursedescriptions/it/#IT_203))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11972 376 HYB	M-----	06:00-07:50 PM	01/23/17-05/19/17	RC 352	Syed M	Closed
	-----	-	01/23/17-05/19/17	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](http://catalog.jccc.edu/coursedescriptions/it/#IT_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11973 376 HYB	-T-----	10:00-11:50 AM	01/17/17-05/19/17	RC 340	Gordon J	Closed
	-----	-	01/17/17-05/19/17	Online		

*Kansas Senate Bill SB 155*  
*Mandatory Classroom Meetings*

11974 377 HYB	-T-R---	06:00-07:50 PM	01/17/17-03/09/17	RC 340	Huff C	Closed
	-----	-	01/17/17-03/09/17	Online		

*Mandatory Classroom Meetings*  
*Kansas Senate Bill SB 155*

11975 378 HYB	--W----	01:00-02:50 PM	01/18/17-05/19/17	RC 340	Gordon J	Closed
	-----	-	01/18/17-05/19/17	Online		

*Mandatory Classroom Meetings*  
*Kansas Senate Bill SB 155*

11976 379 HYB	M-----	10:00-11:50 AM	01/23/17-05/19/17	RC 340	Gordon J	Closed
	-----	-	01/23/17-05/19/17	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](http://catalog.jccc.edu/coursedescriptions/it/#IT_209))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11977 376 HYB	-T-----	01:00-02:50 PM	01/17/17-05/19/17	RC 350	Al-Rawi A	Closed
	-----	-	01/17/17-05/19/17	Online		

*Kansas Senate Bill SB 155*  
*Mandatory Classroom Meetings*

11978 377 HYB	---F--	06:00-07:50 PM	01/20/17-05/19/17	RC 352	Peterson M	Closed
	-----	-	01/20/17-05/19/17	Online		

*Kansas Senate Bill SB 155*  
*Mandatory Classroom Meetings*

## 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](http://catalog.jccc.edu/coursedescriptions/it/#IT_221))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11979 376 HYB	-T-----	01:00-02:50 PM	01/17/17-05/19/17	RC 346	Carney R	Closed
	-----	-	01/17/17-05/19/17	Online		
<i>Mandatory Classroom Meetings</i> <i>Kansas Senate Bill SB 155</i>						
11980 377 HYB	--W----	06:00-07:50 PM	01/18/17-05/19/17	RC 352	Mortell G	Closed
	-----	-	01/18/17-05/19/17	Online		
<i>Kansas Senate Bill SB 155</i> <i>Mandatory Classroom Meetings</i>						
11981 378 HYB	-T-R---	06:00-07:50 PM	03/21/17-05/16/17	RC 340	Huff C	Closed
	-----	-	03/21/17-05/16/17	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](http://catalog.jccc.edu/coursedescriptions/it/#IT_225))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11982 376 HYB	M-W----	06:00-07:50 PM	01/18/17-03/22/17	RC 340	Carney R	Closed
	-----	-	01/18/17-03/22/17	Online		
<i>Mandatory Classroom Meetings</i> <i>Kansas Senate Bill SB 155</i>						
11983 377 HYB	---F--	06:00-07:50 PM	01/20/17-05/19/17	RC 340	Mortell G	Closed
	-----	-	01/20/17-05/19/17	Online		
<i>Mandatory Classroom Meetings</i> <i>Kansas Senate Bill SB 155</i>						

## 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](http://catalog.jccc.edu/coursedescriptions/it/#IT_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11984 376 HYB	--W----	10:00-11:50 AM	01/18/17-05/19/17	RC 346	Gordon J	Closed
	-----	-	01/18/17-05/19/17	Online		
<i>Kansas Senate Bill SB 155</i> <i>Mandatory Classroom Meetings</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
11985 378 HYB	---R---	06:00-07:50 PM	01/19/17-05/19/17	RC 346	Sien H	Closed
	-----	-	01/19/17-05/19/17	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						
11986 379 HYB	M-----	01:00-02:50 PM	01/23/17-05/19/17	RC 346	Gordon J	Closed
	-----	-	01/23/17-05/19/17	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						
11987 380 HYB	M-----	06:00-07:50 PM	01/23/17-05/19/17	RC 346	Talkington M	Closed
	-----	-	01/23/17-05/19/17	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						

## 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](http://catalog.jccc.edu/coursedescriptions/it/IT_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11988 376 HYB	--W----	06:00-07:50 PM	01/18/17-05/19/17	RC 346	Golden T	Closed
	-----	-	01/18/17-05/19/17	Online		
<i>Kansas Senate Bill SB 155</i>						
<i>Mandatory Classroom Meetings</i>						
11989 377 HYB	M-----	10:00-11:50 AM	01/23/17-05/19/17	RC 346	Al-Rawi A	Closed
	-----	-	01/23/17-05/19/17	Online		
<i>Kansas Senate Bill SB 155</i>						
<i>Mandatory Classroom Meetings</i>						
12702 378 HYB	-T-----	06:00-07:50 PM	01/17/17-05/19/17	RC 346	Golden T	Closed
	-----	-	01/17/17-05/19/17	Online		
<i>Kansas Senate Bill SB 155</i>						
<i>Mandatory Classroom Meetings</i>						

## 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](http://catalog.jccc.edu/coursedescriptions/it/IT_245))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11990 376 HYB	--W----	01:00-02:50 PM	01/18/17-05/19/17	RC 346	Carney R	Closed
	-----	-	01/18/17-05/19/17	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						
11991 377 HYB	M-W----	06:00-07:50 PM	03/27/17-05/17/17	RC 340	Carney R	Closed
	-----	-	03/27/17-05/17/17	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](http://catalog.jccc.edu/coursedescriptions/it/#IT_247))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11992 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Al-Rawi A	Closed

*Kansas Senate Bill SB 155*

## IT 256 - Windows Security

This course is designed to provide students with the skills and techniques to properly secure a Windows network. The topics will include building a Windows Active Directory infrastructure, securing the Windows Active Directory infrastructure and penetrating the infrastructure with current hacking tool kits. This course serves as a capstone course in the Windows track of the Information Technology Department. It is the last course in a series of six Windows classes. It takes concepts and skills learned in the pre-requisite Windows courses and ties them together focusing on securing a Windows network. 3 hrs. lecture, 2 hrs. open lab/wk.

**Credit Hours:** 4

**Prerequisites:** IT 225 and IT 245

Outline ([http://catalog.jccc.edu/coursedescriptions/it/#IT\\_256](http://catalog.jccc.edu/coursedescriptions/it/#IT_256))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12661 376 HYB	--W----	08:00-09:50 PM	01/18/17-05/19/17	RC 340	Carney R	Closed
	-----	-	01/18/17-05/19/17	Online		

*Mandatory Classroom Meetings*  
*Kansas Senate Bill SB 155*

## IT 271 - Information Technology Internship I

This course affords the student the opportunity to apply classroom knowledge to an actual work environment. It will provide advanced information technology students with appropriate on-the-job experience with area employers, under instructional oversight, which will promote the student's career goals. Student will work a total of 300 hours a semester at an approved job site.

**Credit Hours:** 3

**Prerequisites:** IT 210 or IT 221 or IT 230 and department approval

Outline ([http://catalog.jccc.edu/coursedescriptions/it/#IT\\_271](http://catalog.jccc.edu/coursedescriptions/it/#IT_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11994 500 INT	-----	-	01/17/17-05/19/17		Akkam M	Full

*Kansas Senate Bill SB 155*  
Requirement: Department approval

## Interior Design

### ITMD 121 - Interior Design I

This course is an introduction to interior design. Upon successful completion of this course, the student should recognize the significance of interior design, apply the elements and principles of design and color theory, use the basis of the design process to solve a design problem and present design information visually and verbally in a professional manner. Finally identify the significance of sustainability in the built environment. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Associated Costs:** \$50 to \$75

Outline ([http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD\\_121](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_121))

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10157 001 F2F	---R---	09:00-11:45 AM	01/19/17-05/19/17	GEB 356	Grube K	Closed
<i>Kansas Senate Bill SB 155</i>						
10158 002 F2F	M-W----	04:00-05:20 PM	01/18/17-05/19/17	GEB 356	Boyd R	Closed
<i>Kansas Senate Bill SB 155</i>						
10159 003 F2F	-T-----	06:00-08:45 PM	01/17/17-05/19/17	GEB 356	Wilson J	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10160 001 F2F	--W----	12:30-03:15 PM	01/18/17-05/19/17	GEB 351A	Hersch A	Closed
<i>Kansas Senate Bill SB 155</i>						
10161 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Hersch A	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_127))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10162 001 F2F	----F--	09:00-12:00 PM	01/20/17-03/10/17	GEB 361	Ryan D	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_129))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10163 001 F2F	--W----	12:00-03:20 PM	01/18/17-05/19/17	GEB 356	Grube K	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_132))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10164 001 F2F	M-----	12:30-03:20 PM	01/23/17-05/19/17	GEB 351A	Grube K	Closed
<i>Kansas Senate Bill SB 155</i>						
10165 350 ONLINE	-----	-	01/17/17-05/19/17	Online	Kalkofen B	Closed
<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](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_147))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10185 001 F2F	-T-----	08:30-11:15 AM	01/24/17-02/21/17	GEB 361	Kalkofen B	Closed
<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](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_185))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10167 002 F2F	---R---	08:00-10:45 AM	01/19/17-05/19/17	GEB 351A	Green D	Closed
<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](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_202))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10169 002 F2F	---R---	01:00-04:20 PM	01/19/17-05/19/17	GEB 356	Green D	Closed
<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](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_215))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10170 001 F2F	-T-----	08:30-11:15 AM	01/24/17-05/19/17	GEB 361	Kalkofen B	Closed
<i>Kansas Senate Bill SB 155</i>						
12771 960 ONLNE	-----	-	01/17/17-05/19/17	Online	Kalkofen B	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_219))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10171 376 HYB	-----	-	01/17/17-05/19/17	Online	Grube K	Closed
	M-----	08:30-10:15 AM	01/23/17-05/19/17	GEB 351A		
<i>Mandatory Classroom Meetings</i>						

## 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:** ITMD 202 and DRAF 264 Prerequisites or corequisites: ITMD 129 and ITMD 271 (All courses must be completed with a grade of "C" or higher.)

Outline ([http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD\\_222](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_222))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10172 001 F2F	M-----	12:00-03:30 PM	01/23/17-05/19/17	GEB 356	Erwin H	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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

**Prerequisites:** ITMD 129 and ITMD 185 and ITMD 202 and DRAF 264 (All courses must be completed 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
10173 001 F2F	-T-----	12:00-03:20 PM	01/17/17-05/19/17	GEB 356	Green D	Closed

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
11081 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Green D	Closed

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
10174 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Green D	Closed

Kansas Senate Bill SB 155

### ITMD 235 - Kitchen and Bath Advanced

This is an advanced course in kitchen and bath design, planning and management. Upon successful completion of this course, the student will be able to produce drawings using appropriate graphic and presentation standards, develop written and verbal design statement to substantiate projects, demonstrate product, material, style, type and construction method knowledge, communicate and recommended installation procedures, understand selection, specification and ordering of products as it relates to cost, energy, safety and design. Students will also analyze sustainability within a kitchen and bath project. 4 hrs. integrated lecture/lab/wk.

**Credit Hours:** 3

**Associated Costs:** \$75

**Prerequisite:** ITMD 233 with a grade of 'C' or higher

Outline ([http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD\\_235](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_235))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10175 001 F2F	----F--	10:00-12:00 PM	01/20/17-05/19/17	GEB 356	Scott M	Closed
	----F--	01:00-02:20 PM	01/20/17-05/19/17	GEB 351A		

Kansas Senate Bill SB 155

### ITMD 239 - Capstone: Interior Design

This course is a culmination of the Interior Design Program course work. It should be taken in conjunction with or after completion of the final interior courses or in the graduating semester. Upon successful completion of this course, the student will be able to select and rework portfolio materials for maximum visual potential and appeal. In addition, the student will prepare a resume, conduct a job search, and present written and oral presentations based on knowledge from program courses. 2 hrs. lecture/wk.

**Credit Hours:** 2

**Associated Costs:** \$75 to \$100

**Prerequisite:** Department approval

Outline ([http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD\\_239](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_239))



CRN	Days	Time	Date	Location	Instructor	Seats Open
10176 376 HYB	-----	-	01/17/17-05/19/17	Online	Green D	Closed
	----F--	08:00-09:50 AM	01/20/17-05/19/17	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](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11082 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Kalkofen B	Closed

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](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_273))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10178 001 F2F	-T-----	08:30-11:20 AM	01/24/17-04/04/17	GEB 356	Grube K	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_280))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10179 001 F2F	-T-----	08:30-11:20 AM	04/11/17-05/09/17	GEB 356	Grube K	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_282))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10180 500 INT	-----	-	01/17/17-05/19/17		Kalkofen B	33 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](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_284))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10181 500 INT	-----	-	01/17/17-05/19/17		Kalkofen B	31 of 40

*Kansas Senate Bill SB 155*

## Journalism/Media Communication

### JOUR 120 - Mass Media and Society ▾

Each of us is exposed to and affected by the mass media on a daily basis. This course is designed to increase students' awareness of the various media and media's impact on their daily beliefs, opinions, decisions and goals. As a result, students will become more media literate and astute critics of media messages. 3 hrs. lecture/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/jour/#JOUR\\_120](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11290 001 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CC 324	Rose T	Closed
11291 002 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CC 324	Rose T	Closed
11292 003 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CC 314	Crable C	Closed
11293 004 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	CC 324	Raduziner M	Closed
11294 005 F2F	--W----	06:00-08:50 PM	01/18/17-05/19/17	GEB 242	Schulte M	Closed
11295 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Raduziner M	Closed
11296 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Thum G	Closed
11297 352 ONLNE	-----	-	01/17/17-05/19/17	Online	McWard C	Closed

### 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](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11299 001 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	LIB 359	Crable C	Closed

### 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](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11300 001 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	LIB 352	Thum G	Closed

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

## JOUR 127 - Introduction to Broadcasting

This course serves students interested in gaining a greater understanding of broadcast and emerging technologies. Class time includes discussion of trends and issues, including regulations, ethics, news and information, and audience ratings. Productions in the college's student media facilities offer opportunities to experience and further evaluate their relationship to broadcast and related electronic media. 3 hrs. lecture/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/jour/#JOUR\\_127](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_127))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11302 001 F2F	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	LIB 352	Nichols J	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11305 001 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	LIB 352	Thum G	Closed
11306 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Thum G	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11307 001 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	LIB 373	Schulte M	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_202))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11309 001 F2F	--W----	06:00-08:50 PM	01/18/17-05/19/17	COM 252	Baumgardner M	Closed

## 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 \(http://catalog.jccc.edu/coursedescriptions/jour/#JOUR\\_207\)](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_207)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11310 001 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	COM 252	Messner B	Closed

*Kansas Senate Bill SB 155*

## JOUR 220 - International Media

The globalization of media has created a necessity to understand the complex media systems established overseas. These systems exert influence over the cultural, political and economic climate in the world's industrialized nations. Students in this course will learn about the history, interconnectivity, technological innovations and controversies surrounding media systems from a diverse selection of countries. Special emphasis in this course will be placed on the understanding of global journalism. 3 hrs. lecture/wk.

**Credit Hours:** 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/jour/#JOUR\\_220\)](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11311 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Crabbe C	Closed

## JOUR 222 - Advanced Reporting

This course is designed to sharpen the discernment, critical thinking and writing skills of student journalists. Specific English language rules and principles plus AP news writing style will be emphasized in the production of incisive, well-defined features, profiles, reviews, editorials and personal columns. Professional writings in various media will be examined and critiqued. Class members will have the opportunity to participate in hands-on video shooting and editing of a news story package. Students will gain additional experience by participating in news events, as well as interacting with area media professionals. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite:** JOUR 122

[Outline \(http://catalog.jccc.edu/coursedescriptions/jour/#JOUR\\_222\)](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_222)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11312 001 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CC 215	Raduziner M	Closed

## JOUR 225 - Promotional Writing

Students will study copywriting for promotional purposes, starting with an understanding of the target audience. Emphasis is on writing ads for print, radio and television; direct mail and direct response; the web; and new genres. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite:** JOUR 125 or JOUR 130

[Outline \(http://catalog.jccc.edu/coursedescriptions/jour/#JOUR\\_225\)](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11314 376 HYB	-----	-	01/17/17-05/08/17	Online	Thum G	Closed
	M-----	12:00-01:50 PM	01/23/17-01/23/17	CC 316		
	M-----	12:00-01:50 PM	02/27/17-02/27/17	CC 316		
	M-----	12:00-01:50 PM	04/10/17-04/10/17	CC 316		
	M-----	12:00-01:50 PM	05/08/17-05/08/17	CC 316		

## 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 \(http://catalog.jccc.edu/coursedescriptions/jour/#JOUR\\_227\)](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_227)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11319 001 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	COM 260	Petrie J	Closed
<i>Kansas Senate Bill SB 155</i>						
11320 002 F2F	--W----	06:00-08:50 PM	01/18/17-05/19/17	COM 260	Petrie J	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_247))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11324 001 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	COM 260	Petrie J	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_269))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11325 500 INT	-----	-	01/17/17-05/19/17		Raduziner M	Full

NOTE: Students meet in Professor Raduziner's office in LIB 301A. For more information on Journalism internships, please contact Prof. Raduziner, markr@jccc.edu.

Requirement: Department approval

## JOUR 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](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_270))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11383 500 INT	-----	-	01/17/17-05/19/17		Raduziner M	1 of 2

NOTE: Students meet in Professor Raduziner's office in LIB 301A. For more information on Journalism internships, please contact Prof. Raduziner, markr@jccc.edu.

Requirement: Department approval

## JOUR 271 - Journalism Internship

A journalism/media internship allows students to gain work experience at an approved training center under staff supervision. Emphasis is on learning new skills related to a particular program or department at a media facility. Students may learn the application of writing techniques needed to produce and broadcast news, and produce advertising or public relations promotional copy. On-the-job training involves approximately 15-20 hrs./wk. by arrangement.

**Credit Hours:** 3

**Prerequisites:** Instructor approval; completion of six credit hours in journalism/media communications at JCCC or another college with a grade of "C" or higher in those 6 hours.

Outline ([http://catalog.jccc.edu/coursedescriptions/jour/#JOUR\\_271](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11384 500 INT	-----	-	01/17/17-05/19/17		Raduziner M	Full

NOTE: Students meet in Professor Raduziner's office in LIB 301A. For more information on Journalism internships, please contact Prof. Raduziner, markr@jccc.edu.  
Requirement: Department approval

## Legal Studies

### LAW 121 - Introduction to Law

Upon successful completion of this course, the student should be able to explain the major substantive and procedural aspects of law. This course provides an overview of the legal system and knowledge of specific legal topics, including torts, criminal law, contracts, family law, business law, real estate and probate. This course is a requirement for applying to the paralegal program and for completion of the legal nurse consultant program. 3 hrs. lecture/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_121](http://catalog.jccc.edu/coursedescriptions/law/#LAW_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10366 001 F2F	--W----	04:00-06:50 PM	01/18/17-05/19/17	GEB 379	Nadlman J	Closed
10367 002 F2F	M-----	07:00-09:50 PM	01/23/17-05/19/17	CC 229	Hawk G	Closed
10368 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Fordham N	Closed
10369 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Fordham N	Closed

### 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](http://catalog.jccc.edu/coursedescriptions/law/#LAW_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10370 001 F2F	---R---	06:00-06:50 PM	01/26/17-05/19/17	GEB 254	Manlove H	Closed
<i>Kansas Senate Bill SB 155</i>						
10371 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Manlove H	Closed
<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](http://catalog.jccc.edu/coursedescriptions/law/#LAW_132))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10372 001 F2F	--W----	07:00-09:50 PM	01/18/17-05/19/17	CC 324	Fordham N	Closed
<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 \(http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_134\)](http://catalog.jccc.edu/coursedescriptions/law/#LAW_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10373 001 F2F	-T-----	07:00-09:50 PM	01/17/17-05/19/17	GEB 379	Nadlman J	Closed

*Kansas Senate Bill SB 155*

## LAW 142 - Torts

Upon successful completion of this course, the student should be able to explain the major principles of tort law and personal injury litigation. The student should be able to discuss and compare the elements of negligence torts, intentional torts and strict liability torts, as well as the types of damages available and defenses to each of these torts. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Requirements:** Admission to the Paralegal Program and Prerequisite: LAW 132 or department chair approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_142\)](http://catalog.jccc.edu/coursedescriptions/law/#LAW_142)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10657 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Hawk G	Closed

*Kansas Senate Bill SB 155*

## LAW 148 - Criminal Litigation

Upon successful completion of this course, the student should be able to explain the objectives, substantive principles and procedural rules of the criminal process. The student will be able to explain the role of the paralegal in criminal litigation practice and draft documents used in the criminal litigation process. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Requirements:** Admission to the Paralegal Program or department chair approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_148\)](http://catalog.jccc.edu/coursedescriptions/law/#LAW_148)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10374 001 F2F	---R---	07:00-09:50 PM	01/19/17-05/19/17	GEB 254	Manlove H	Closed

## LAW 165 - Forensic Science and the Law

This course will offer a survey of the forensic sciences and will examine their applications to the law. Legal constraints on the use of scientific evidence, including U.S. Supreme Court decision and other legal rules, will be explored. Topics will include an exploration of career opportunities available to persons interested in a forensic-related career. This course is open to any student with an interest in forensic science. 3 hrs. lecture/wk.

**Credit Hours:** 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_165\)](http://catalog.jccc.edu/coursedescriptions/law/#LAW_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10658 001 F2F	-T-----	07:00-09:50 PM	01/17/17-05/19/17	GEB 258	Fordham N	Closed

*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 \(http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_195\)](http://catalog.jccc.edu/coursedescriptions/law/#LAW_195)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10376 376 HYB	-T-----	06:00-06:50 PM	01/17/17-05/19/17	GEB 379	Fordham N	Closed
	-----	-	01/17/17-05/19/17	Online		

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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](http://catalog.jccc.edu/coursedescriptions/law/#LAW_201))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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10377	001 F2F	M-----	07:00-09:50 PM	01/23/17-05/19/17	GEB 379	Simpson J	Closed
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Kansas Senate Bill SB 155

## LAW 205 - Legal Analysis and Writing

This course is a required course within the Legal Studies Program. In this course, the student will learn to analyze case law, statutes and secondary legal authority. In addition, the student will learn how to communicate research results, analysis and conclusions professionally and effectively. Numerous opportunities will be provided for skill development. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Requirements:** Admission to the paralegal program or department chair approval and Prerequisite: LAW 195

Outline ([http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_205](http://catalog.jccc.edu/coursedescriptions/law/#LAW_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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10378	376 HYB	-----	-	01/17/17-05/19/17	Online	Hawk G	Closed
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		M-----	06:00-06:50 PM	01/23/17-05/19/17	GEB 379		
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Kansas Senate Bill SB 155

Mandatory Classroom Meetings

## LAW 212 - Business Organizations

Upon successful completion of this course, the student should be able to describe the various forms of business ownership, including corporations, partnerships and sole proprietorships. The emphasis in the course is on the role of the legal assistant in a business law practice and on the preparation of related documents. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Requirements:** Admission to the Paralegal Program or department chair approval

Outline ([http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_212](http://catalog.jccc.edu/coursedescriptions/law/#LAW_212))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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10380	350 ONLNE	-----	-	01/17/17-05/19/17	Online	Hawk G	Closed
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Kansas Senate Bill SB 155

## LAW 245 - Elder Law

Upon successful completion of this course, the student should be able to explain the legal aspects of aging. Topics include financial and estate planning, health care, personal planning and protection, taxation, housing and other legal matters affecting the elderly and people with special legal needs. 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\\_245](http://catalog.jccc.edu/coursedescriptions/law/#LAW_245))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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## 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](http://catalog.jccc.edu/coursedescriptions/law/#LAW_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10390 001 F2F	---R---	04:00-06:50 PM	01/19/17-05/19/17	OCB 248	Nadlman J	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/law/#LAW_275))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10391 500 INT	-----	-	01/17/17-05/19/17		Manlove H	19 of 20

Kansas Senate Bill SB 155

## LAW 276 - Paralegal Internship II

This course provides the student with an opportunity to gain practical work experience under the supervision of an attorney in day-to-day, on-site office work. The student must complete 120 hours of work at the internship site. In addition to on-site work, the student will meet with the internship instructor during the internship period four times and complete all requirements; keep an eight-week log; interview a practicing paralegal manager; participate in a mock job interview; and submit final evaluations by the employer and the student. Obtaining an internship is the responsibility of the individual student.

**Credit Hours:** 1

**Prerequisite:** LAW 275

Outline ([http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_276](http://catalog.jccc.edu/coursedescriptions/law/#LAW_276))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10392 500 INT	-----	-	01/17/17-05/19/17		Manlove H	17 of 20

Kansas Senate Bill SB 155

## Legal Interpreting

### LI 130 - Introduction to Legal Interpreting

This course provides a practical and theoretical introduction to the field of bilingual interpreting. Students will study interpreter roles and skills, modes of interpreting and translating, ethical issues, professional standards of practices, cultural competence and applied linguistics. Upon completion, students should have a strong foundation of knowledge regarding the profession of interpreting and should be ready for specific skills training. This course is taught in English. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite:** Director approval Corequisite: LI 140

Outline ([http://catalog.jccc.edu/coursedescriptions/li/#LI\\_130](http://catalog.jccc.edu/coursedescriptions/li/#LI_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12546 001 F2F	-T-----	06:00-08:50 PM	01/17/17-05/19/17	CC 321	Renna M	Closed

## LI 140 - Legal Interpreting Skills I

This course develops students' skills in sight translation and consecutive interpreting. Listening and memory skills, communication strategies and intervention techniques are emphasized. Upon completion, students should be able to sight-translate short written texts and consecutively interpret non-technical, interactive messages between Spanish and English. This course is taught in English and Spanish. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Corequisite:** LI 130

Outline ([http://catalog.jccc.edu/coursedescriptions/li/#LI\\_140](http://catalog.jccc.edu/coursedescriptions/li/#LI_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12547 001 F2F	---R---	06:00-08:50 PM	01/19/17-05/19/17	CC 312	Steck M	Closed

## LI 180 - Legal Interpreting Practicum

Students will observe and interpret at assigned legal facilities, participate in class discussions about their interpreting experiences and develop a personal philosophy of interpreting. Both classroom meetings and field work are required for this class. 2 hrs. lecture/wk. and 30 hrs. total field study/semester.

**Credit Hours:** 2

**Associated Costs:** \$20

**Prerequisites:** LI 130 and LI 140 and LI 150 and LI 160 and ADMJ 121 and LAW 121

Outline ([http://catalog.jccc.edu/coursedescriptions/li/#LI\\_180](http://catalog.jccc.edu/coursedescriptions/li/#LI_180))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12548 500 INT	---R---	05:00-05:50 PM	01/17/17-05/19/17	CC 312	Steck M	6 of 12
	-----	-	01/17/17-05/19/17	Online		

*Kansas Senate Bill SB 155*

Requirement: Department approval

## Library

### LIBR 125 - Introduction to Library Research

This course provides an introduction to the methods and technologies of library research. Included will be a study of the various information resources available for research and techniques for retrieving information from both print and electronic sources. The resources of Billington Library will be featured, although the emphasis will be on building information retrieval skills that will be useful in many settings. 1 hr. lecture/wk.

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/libr/#LIBR\\_125](http://catalog.jccc.edu/coursedescriptions/libr/#LIBR_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12592 350 ONLINE	-----	-	02/13/17-04/16/17	Online	Bailey B	Closed

## 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/ls/#LS\\_174](http://catalog.jccc.edu/coursedescriptions/ls/#LS_174))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12336 001 F2F	M-W-F--	10:00-10:50 AM	01/30/17-03/10/17	LIB 305	Dennis C	Closed
12337 002 F2F	-T-R---	11:00-12:15 PM	01/31/17-03/09/17	LIB 303	Kanter F	Closed
12338 003 F2F	M-W-F--	12:00-12:50 PM	03/20/17-04/26/17	SCI 120	Dennis C	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/lis/#LS_176))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12340 001 F2F	M-W-F--	09:00-09:50 AM	01/30/17-03/10/17	LIB 305	Dennis C	Closed
12341 002 F2F	M-W-F--	11:00-11:50 AM	01/30/17-03/10/17	LIB 303	Doyle M	Closed
12342 003 F2F	M-W----	04:00-05:15 PM	01/30/17-03/08/17	LIB 305	Dennis C	Closed
12343 004 F2F	-T-R---	09:30-10:45 AM	01/31/17-03/09/17	LIB 303	Kanter F	Closed
12344 005 F2F	-T-R---	12:30-01:45 PM	01/31/17-03/09/17	GEB 281	Kempker K	Closed
12345 006 F2F	-T-----	06:00-08:30 PM	01/31/17-03/07/17	LIB 305	Doyle M	Closed
12346 007 F2F	M-W-F--	10:00-10:50 AM	03/20/17-04/28/17	LIB 305	Doyle M	Closed
12348 350 ONLNE	-----	-	01/30/17-03/10/17	Online	Mann V	Closed
12349 351 ONLNE	-----	-	03/20/17-04/28/17	Online	Mann V	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/lis/#LS_178))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12350 001 F2F	M-W-F--	10:00-10:50 AM	01/30/17-03/10/17	LIB 303	Mann V	Closed
12351 002 F2F	M-W-F--	12:00-12:50 PM	01/30/17-03/10/17	LIB 303	Doyle M	Closed
12399 005 F2F	-T-R---	09:30-10:45 AM	03/21/17-04/27/17	LIB 303	Kanter F	Closed

## 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 \(http://catalog.jccc.edu/coursedescriptions/ls/#LS\\_186\)](http://catalog.jccc.edu/coursedescriptions/ls/#LS_186)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12402 002 F2F	M-W-F--	12:00-12:50 PM	03/20/17-04/28/17	LIB 303	Doyle M	Closed
12403 003 F2F	-T-R---	11:00-12:15 PM	03/21/17-04/27/17	LIB 303	Kanter F	Closed

## 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 \(http://catalog.jccc.edu/coursedescriptions/ls/#LS\\_200\)](http://catalog.jccc.edu/coursedescriptions/ls/#LS_200)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12404 001 F2F	M-W-F--	12:00-12:55 PM	02/01/17-05/19/17	LIB 305	Mann V	Closed
12406 002 F2F	-T-R---	09:30-10:55 AM	02/02/17-05/19/17	LIB 305	Mann V	Closed

## 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 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 \(http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_111\)](http://catalog.jccc.edu/coursedescriptions/math/#MATH_111)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11205 001 F2F	MTWRF--	11:00-11:50 AM	01/17/17-05/19/17	OCB 308	Kempker K	Closed
Note: This 3 credit hour class meets 5 hours per week to allow for more contact with the instructor.						
11206 010 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	OCB 308	Gulati R	Closed
11207 011 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	OCB 332	Kempker K	Closed
11208 030 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	OCB 308	Valle C	Closed
12737 031 F2F	M-W-F--	03:00-03:50 PM	01/18/17-05/19/17	CC 229	Dickey S	Closed
11209 050 F2F	M-W----	06:00-07:15 PM	01/18/17-05/19/17	CLB 205	Valle C	Closed
11210 060 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	GEB 381	Whitford L	Closed
11211 080 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	OCB 332	Hall S	Closed
11212 100 F2F	M-----	03:00-05:50 PM	01/23/17-05/19/17	CLB 203	Haehl M	Closed
11214 280 F2F	M-W-F--	12:00-12:55 PM	01/30/17-05/19/17	OCB 332	Jacobs L	Closed
11215 290 F2F	-T-R---	04:30-06:15 PM	02/14/17-05/19/17	CLB 211	Haverhals E	Closed
11216 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Dunham J	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>11217</b> 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Fischer E	Closed
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.						
<b>11219</b> 370 ONLNE	-----	-	01/30/17-05/19/17	Online	Fischer E	Closed
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.						
<b>11220</b> 450 SEL	-----	-	01/17/17-05/18/18	Self Paced	Deas M	8 of 10
Note: Spring students can begin their study in this self-paced math course up through April 1, 2017, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Mary Deas, at mdeas@jccc.edu. For more information and a link to the course syllabus and self-paced application see <a href="http://www.jccc.edu/academics/math-science/mathematics/self-paced.html">http://www.jccc.edu/academics/math-science/mathematics/self-paced.html</a> ( <a href="http://www.jccc.edu/academics/math-science/mathematics/self-paced.html">http://www.jccc.edu/academics/math-science/mathematics/self-paced.html</a> ) 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](http://catalog.jccc.edu/coursedescriptions/math/#MATH_115))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>11221</b> 001 F2F	MTWRF--	01:00-01:50 PM	01/17/17-05/19/17	CLB 402	Dotson G	Closed
Note: This 3 credit hour class meets 5 hours per week to allow for more contact with the instructor.						
<b>11223</b> 011 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	CLB 203	Balman B	Closed
<b>11225</b> 012 F2F	M-W-F--	09:00-09:55 AM	01/18/17-05/19/17	GEB 313	Mathur M	Closed
Note: Math 115-012 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 the Math Office, ext. 3151, or email <a href="mailto:mathoffice@jccc.edu">mathoffice@jccc.edu</a> .						
<b>11226</b> 013 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CLB 205	Gulati R	Closed
<b>11227</b> 014 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CLB 402	Benes S	Closed
<b>11228</b> 015 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CLB 203	Balman B	Closed
<b>11229</b> 016 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	CLB 403	Valle C	Closed
<b>11230</b> 030 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	GEB 340	Wainwright F	Closed
<b>11231</b> 032 F2F	M-W-F--	01:00-01:55 PM	01/18/17-05/19/17	GEB 313	Wainwright F	Closed
Note: Math 115-032 is an Accelerated Review Course (ARC) that begins with a 2-week intensive review. The review will be held in a computer classroom where the student will have access to individualized instruction. Attendance during the 2-week intensive review is NOT optional. The student will spend the 2-week intensive review time either refreshing Fundamentals of Mathematics skills or working to bypass Elementary Algebra. If the student makes adequate progress during the 2-week intensive review, the student will be allowed to advance to an Intermediate Algebra ARC for the remaining 14 weeks of the semester. If you have questions about this opportunity, contact the Math Office, ext. 3151, or email <a href="mailto:mathoffice@jccc.edu">mathoffice@jccc.edu</a> .						
<b>11232</b> 033 F2F	M-W-F--	02:00-02:50 PM	01/18/17-05/19/17	OCB 308	Houghton J	Closed
<b>11233</b> 050 F2F	M-W----	06:00-07:15 PM	01/18/17-05/19/17	CLB 211	Cobb D	Closed
<b>11237</b> 051 F2F	M-W----	07:00-09:50 PM	03/20/17-05/14/17	CLB 402	Dickey S	Closed
<i>Two x 2 x 2</i>						
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.						

CRN	Days	Time	Date	Location	Instructor	Seats Open
11238 061 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CLB 205	Jensen J	Closed
11239 062 F2F	-T-R---	11:00-12:25 PM	01/17/17-05/19/17	CLB 203	Lefert K	Closed
Note: Math 115-062 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 the Math Office, ext. 3151, or email mathoffice@jccc.edu.						
11240 080 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CLB 207	Jensen J	Closed
11241 082 F2F	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	CLB 403	Worthy M	Closed
11242 083 F2F	-T-R---	04:30-05:45 PM	01/17/17-05/19/17	CLB 203	Hughes D	Closed
11243 090 F2F	-T-R---	06:00-07:25 PM	01/17/17-05/19/17	GEB 315	LeRoy J	Closed
Note: Math 115-090 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 the Math Office, ext. 3151, or email mathoffice@jccc.edu.						
11244 120 F2F	--W----	06:00-08:50 PM	01/18/17-05/19/17	GEB 315	Phillips V	Closed
11245 140 F2F	----F--	06:00-08:50 PM	01/20/17-05/19/17	CLB 211	Lemer A	Closed
11246 171 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	GEB 340	Robinson W	Closed
<i>Co-requisite to enroll in MATH 116 (CRN 11441)</i>						
Note: Students enrolling in Math 115-171 must also enroll in both Math 115-171 (CRN 11246) and MATH 116-171 (CRN 11441). 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.						
11247 172 F2F	-T-R---	06:00-07:15 PM	01/17/17-05/19/17	CLB 205	Krulwich D	Closed
<i>Co-requisite to enroll in MATH 116 (CRN 11443)</i>						
Note: Students enrolling in Math 115-172 must also enroll in both Math 115-172 (CRN 11247) and MATH 116-172 (CRN 11443). 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.						
11248 200 F2F	M-----	06:00-09:00 PM	01/23/17-05/19/17	 LPC A	Fischer E	Closed
11249 280 F2F	M-W-F--	11:00-11:55 AM	01/30/17-05/19/17	OCB 332	Fortino L	Closed
11250 290 F2F	-T-R---	08:00-09:45 AM	02/14/17-05/19/17	GEB 340	Phillips V	Closed
11252 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Fischer E	Closed
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.						
11253 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Fischer E	Closed
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.						
11254 360 ONLNE	-----	-	01/17/17-03/12/17	Online	Lefert K	Closed
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.						
11255 365 ONLNE	-----	-	03/20/17-05/14/17	Online	Irfan S	Closed
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.						
11256 370 ONLNE	-----	-	01/30/17-05/19/17	Online	Deas M	Closed
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.						
11257 375 ONLNE	-----	-	02/13/17-05/19/17	Online	Fortino L	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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.						

<b>11258</b> 450 SEL	-----	-	01/17/17-05/18/18	<b>Self Paced</b>	Deas M	1 of 10
Note: Spring students can begin their study in this self-paced math course up through April 1, 2017, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Mary Deas, at mdeas@jccc.edu. For more information and a link to the course syllabus and self-paced application see <a href="http://www.jccc.edu/academics/math-science/mathematics/self-paced.html">http://www.jccc.edu/academics/math-science/mathematics/self-paced.html</a> ( <a href="http://www.jccc.edu/academics/math-science/mathematics/self-paced.html">http://www.jccc.edu/academics/math-science/mathematics/self-paced.html</a> )						
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](http://catalog.jccc.edu/coursedescriptions/math/#MATH_116))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>11414</b> 001 F2F	MTWRF--	11:00-11:50 AM	01/17/17-05/19/17	CLB 205	Mathur M	<b>Closed</b>
Note: This 3 credit hour class meets 5 hours per week to allow for more contact with the instructor.						
<b>12965</b> 009 F2F	M-W-F--	07:00-07:50 AM	01/18/17-05/19/17	CLB 402	Asner V	<b>Closed</b>
<b>11415</b> 010 F2F	M-W-F--	07:00-07:50 AM	01/18/17-05/19/17	CLB 213	Cobb D	<b>Closed</b>
<b>11416</b> 011 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	GEB 340	Benes S	<b>Closed</b>
<b>11417</b> 012 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	CLB 402	Asner V	<b>Closed</b>
<b>11418</b> 013 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CLB 203	Dunham J	<b>Closed</b>
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 the Math Office, ext. 3151, or email <a href="mailto:mathoffice@jccc.edu">mathoffice@jccc.edu</a> .						
<b>11419</b> 014 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CLB 211	Lefert K	<b>Closed</b>
<b>11420</b> 015 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CLB 211	Lefert K	<b>Closed</b>
<b>11421</b> 016 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	OCB 308	Gulati R	<b>Closed</b>
<b>11422</b> 017 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	GEB 315	Dunham J	<b>Closed</b>
<b>11423</b> 030 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	CLB 203	Wang S	<b>Closed</b>
<b>11424</b> 031 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	CLB 207	Houghton J	<b>Closed</b>
<b>11425</b> 032 F2F	M-W-F--	01:00-01:55 PM	01/18/17-05/19/17	CLB 203	Dunham J	<b>Closed</b>
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 the Math Office, ext. 3151, or email <a href="mailto:mathoffice@jccc.edu">mathoffice@jccc.edu</a> .						
<b>11426</b> 040 F2F	M-W----	02:00-03:15 PM	01/18/17-05/19/17	CLB 403	Goodman C	<b>Closed</b>
<b>12739</b> 041 F2F	M-W-F--	03:00-03:50 PM	01/18/17-05/19/17	LIB 353B	Keslar C	<b>Closed</b>
<b>11427</b> 050 F2F	M-W----	06:00-07:15 PM	01/18/17-05/19/17	CLB 203	Palmer B	<b>Closed</b>
<b>11428</b> 051 F2F	M-W----	07:00-09:50 PM	03/20/17-05/14/17	CLB 209	Hamler P	<b>Closed</b>
<i>Two x 2 x 2</i>						
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.						
<b>11429</b> 060 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	CLB 203	White D	<b>Closed</b>
<b>11430</b> 061 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	GEB 313	Fischer E	<b>Closed</b>

CRN	Days	Time	Date	Location	Instructor	Seats Open
11431 062 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CLB 207	Jaggard C	Closed
11432 063 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	OCB 332	Barlow R	Closed
11433 064 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	CLB 403	Worthy M	Closed
11434 065 F2F	-T-R---	11:00-12:25 PM	01/17/17-05/19/17	GEB 313	Whitford L	Closed
<p>Note: Math 116-065 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 the Math Office, ext. 3151, or email mathoffice@jccc.edu.</p>						
11435 081 F2F	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	CLB 402	Goodman C	Closed
11436 082 F2F	-T-R---	04:30-05:45 PM	01/17/17-05/19/17	CLB 213	Keslar C	Closed
11437 090 F2F	-T-R---	06:00-07:25 PM	01/17/17-05/19/17	CLB 203	Dickey S	Closed
<p>Note: Math 116-090 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 the Math Office, ext. 3151, or email mathoffice@jccc.edu.</p>						
11438 110 F2F	-T-----	06:00-08:50 PM	01/17/17-05/19/17	CLB 403	Hamler P	Closed
11439 140 F2F	----F--	06:00-08:50 PM	01/20/17-05/19/17	CLB 203	Jacobs L	Closed
11440 150 F2F	-----S-	09:00-11:50 AM	01/21/17-05/19/17	CLB 207	Caldwell B	Closed
11441 171 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	GEB 340	Robinson W	Closed
<p><i>Co-requisite to enroll in MATH 115 (CRN 11246)</i></p> <p>Note: Students enrolling in Math 116-171 must also enroll in both Math 116-171 (CRN 11441) and MATH 115-171 (CRN 11246). 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.</p>						
11443 172 F2F	-T-R---	07:30-08:45 PM	01/17/17-05/19/17	CLB 205	Krulewich D	Closed
<p><i>Co-requisite to enroll in MATH 115 (CRN 11247)</i></p> <p>Note: Students enrolling in Math 116-172 must also enroll in both Math 116-172 (CRN 11443) and MATH 115-172 (CRN 11247). 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.</p>						
11444 240 F2F	---R---	06:00-09:00 PM	02/02/17-05/19/17	 DSH 214	Davis P	Closed
11445 280 F2F	M-W-F--	12:00-12:55 PM	01/30/17-05/19/17	CLB 316	Edmonds B	Closed
11446 281 F2F	-T-R---	12:30-01:55 PM	01/31/17-05/19/17	GEB 313	Whitford L	Closed
11447 290 F2F	M-W----	04:30-06:15 PM	02/13/17-05/19/17	CLB 209	Thomas M	Closed
11448 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Barlow R	Closed
<p>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.</p>						
11449 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Barlow R	Closed
<p>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.</p>						
11450 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Kennett J	Closed
<p>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.</p>						
12716 353 ONLNE	-----	-	01/17/17-05/19/17	Online	Kennett J	Closed
<p>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.</p>						
11451 360 ONLNE	-----	-	01/17/17-03/12/17	Online	Lefert K	Closed



CRN	Days	Time	Date	Location	Instructor	Seats Open
11452 365 ONLNE	-----	-	03/20/17-05/14/17	Online	Lemer A	Closed
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.						
11453 370 ONLNE	-----	-	01/30/17-05/19/17	Online	Kennett J	Closed
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.						
11455 450 SEL	-----	-	01/17/17-05/18/18	Self Paced	Reinhard V	Full
Note: Spring students can begin their study in this self-paced math course up through April 1, 2017, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Vivian Reinhard, at vreinhard@jccc.edu. For more information and a link to the course syllabus and self-paced application see <a href="http://www.jccc.edu/academics/math-science/mathematics/self-paced.html">http://www.jccc.edu/academics/math-science/mathematics/self-paced.html</a> ( <a href="http://www.jccc.edu/academics/math-science/mathematics/self-paced.html">http://www.jccc.edu/academics/math-science/mathematics/self-paced.html</a> ) 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](http://catalog.jccc.edu/coursedescriptions/math/#MATH_118))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11456 450 SEL	-----	-	01/17/17-05/18/18	Self Paced	Reinhard V	8 of 10
Note: Spring students can begin their study in this self-paced math course up through April 1, 2017, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Vivian Reinhard, at vreinhard@jccc.edu. For more information and a link to the course syllabus and self-paced application see <a href="http://www.jccc.edu/academics/math-science/mathematics/self-paced.html">http://www.jccc.edu/academics/math-science/mathematics/self-paced.html</a> ( <a href="http://www.jccc.edu/academics/math-science/mathematics/self-paced.html">http://www.jccc.edu/academics/math-science/mathematics/self-paced.html</a> ) 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](http://catalog.jccc.edu/coursedescriptions/math/#MATH_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11457 010 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CLB 213	Dunham J	Closed
11460 030 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	OCB 332	Wilson S	Closed
11461 060 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	OCB 308	Wainwright F	Closed
11462 090 F2F	-T-R---	06:00-07:15 PM	01/17/17-05/19/17	OCB 308	Wainwright F	Closed
11467 100 F2F	M-----	12:00-02:50 PM	01/23/17-05/19/17	GEB 381	Byrne M	Closed
11469 280 F2F	-T-R---	02:00-03:25 PM	01/31/17-05/19/17	CLB 209	Erickson E	Closed
11470 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Wilson S	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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.						
11471 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Wilson S	Closed
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.						
11472 370 ONLNE	-----	-	01/30/17-05/19/17	Online	Cooper B	Closed
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.						
11475 450 SEL	-----	-	01/17/17-05/18/18	Self Paced	Reinhard V	7 of 10
Note: Spring students can begin their study in this self-paced math course up through April 1, 2017, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Vivian Reinhard, at vreinhard@jccc.edu. For more information and a link to the course syllabus and self-paced application see <a href="http://www.jccc.edu/academics/math-science/mathematics/self-paced.html">http://www.jccc.edu/academics/math-science/mathematics/self-paced.html</a> ( <a href="http://www.jccc.edu/academics/math-science/mathematics/self-paced.html">http://www.jccc.edu/academics/math-science/mathematics/self-paced.html</a> )						
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](http://catalog.jccc.edu/coursedescriptions/math/#MATH_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11479 040 F2F	M-W----	08:00-09:15 AM	01/18/17-05/19/17	OCB 332	Haehl M	Closed
11480 050 F2F	M-W----	06:00-07:15 PM	01/18/17-05/19/17	OCB 332	Haehl M	Closed
11481 080 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	OCB 308	Wang S	Closed

### 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](http://catalog.jccc.edu/coursedescriptions/math/#MATH_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11482 050 F2F	M-W----	05:30-06:45 PM	01/18/17-05/19/17	OCB 308	Dickey S	Closed

### MATH 165 - Finite Mathematics

This course will emphasize the beauty, scope, practical applications and relevance of mathematics. It is designed to involve the students with the concepts as well as quantitative skills. Topics include set theory, symbolic logic, deductive reasoning, probability, mathematics of finance, systems of equations, matrix algebra, and linear programming. 3 hrs. lecture/wk. This course is only offered in the spring semester.

**Credit Hours:** 3

**Prerequisite:** MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.

Outline ([http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_165](http://catalog.jccc.edu/coursedescriptions/math/#MATH_165))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11483 060 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	OCB 332	McChesney T	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/math/#MATH_171))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11540 001 F2F	MTWRF--	08:00-08:50 AM	01/17/17-05/19/17	GEB 315	Robinson W	Closed
Note: This 3 credit hour class meets 5 hours per week to allow for more contact with the instructor.						
11542 002 F2F	MTWRF--	10:00-10:50 AM	01/17/17-05/19/17	GEB 315	Kennett J	Closed
Note: This 3 credit hour class meets 5 hours per week to allow for more contact with the instructor.						
11543 003 F2F	MTWRF--	11:00-11:50 AM	01/17/17-05/19/17	CLB 402	Balman B	Closed
Note: This 3 credit hour class meets 5 hours per week to allow for more contact with the instructor.						
11544 004 F2F	MTWRF--	01:00-01:50 PM	01/17/17-05/19/17	CLB 205	Gibbs A	Closed
Note: This 3 credit hour class meets 5 hours per week to allow for more contact with the instructor.						
11545 010 F2F	M-W-F--	07:00-07:50 AM	01/18/17-05/19/17	GEB 340	McCoy M	Closed
11546 011 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	GEB 313	Dennis R	Closed
11547 012 F2F	M-W-F--	09:00-09:55 AM	01/18/17-05/19/17	CLB 213	Kennett J	Closed
Note: Math 171-012 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 the Math Office, ext. 3151, or email <a href="mailto:mathoffice@jccc.edu">mathoffice@jccc.edu</a> .						
11549 013 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CLB 207	Wang S	Closed
11550 015 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CLB 207	Wang S	Closed
11552 016 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	GEB 313	Barlow R	Closed
11553 017 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	CLB 203	Jensen J	Closed
11555 018 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	GEB 313	Barlow R	Closed
11556 030 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	CLB 211	Sutherlin C	Closed
11558 031 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	GEB 313	Barlow R	Closed
11559 032 F2F	M-W-F--	01:00-01:55 PM	01/18/17-05/19/17	CLB 213	Menning M	Closed
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 the Math Office, ext. 3151, or email <a href="mailto:mathoffice@jccc.edu">mathoffice@jccc.edu</a> .						
11560 033 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	CLB 211	O'Neil C	Closed
11561 050 F2F	M-W----	06:00-08:15 PM	01/18/17-05/19/17	GEB 313	Jaggard C	Closed
Note: This 3 credit hour class meets 5 hours per week to allow for more contact with the instructor.						
12934 052 F2F	M-W----	07:00-09:50 PM	03/20/17-05/14/17	CLB 207	Tamsamani Z	Closed
<i>Two x 2 x 2</i>						
Math 171-052 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.						
11565 060 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	CLB 207	Putnam T	Closed
11566 061 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	GEB 313	Fischer E	Closed
11567 062 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	OCB 308	Hills M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>11568</b> 063 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	LIB 353B	Imm C	<b>Closed</b>
Note: The instructor for this class uses the Flipped Classroom format of teaching. Students will be expected to have access to a computer and use videos and a software system to prepare for the classroom discussion and activities. For more information, please contact the instructor at cimm@jccc.edu						
<b>11569</b> 064 F2F	-T-R---	11:00-12:25 PM	01/17/17-05/19/17	CLB 213	White D	<b>Closed</b>
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 the Math Office, ext. 3151, or email mathoffice@jccc.edu.						
<b>11579</b> 080 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CLB 203	Hughes D	<b>Closed</b>
<b>11582</b> 081 F2F	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	CLB 203	Hughes D	<b>Closed</b>
<b>11585</b> 090 F2F	-T-R---	06:00-07:25 PM	01/17/17-05/19/17	CLB 213	Irfan S	<b>Closed</b>
Note: Math 171-090 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 the Math Office, ext. 3151, or email mathoffice@jccc.edu.						
<b>11587</b> 140 F2F	----F--	06:00-08:50 PM	01/20/17-05/19/17	CLB 205	Cooper S	<b>Closed</b>
<b>11599</b> 150 F2F	----S-	09:00-11:50 AM	01/21/17-05/19/17	CLB 209	Herken P	<b>Closed</b>
<b>11602</b> 250 F2F	-T-R---	06:00-07:25 PM	01/30/17-05/19/17	 OHEC 105	Sandner M	<b>Closed</b>
<b>11604</b> 280 F2F	M-W-F--	09:00-09:55 AM	01/30/17-05/19/17	GEB 340	Sutherlin C	<b>Closed</b>
<b>11623</b> 290 F2F	-T-R---	12:30-02:15 PM	02/14/17-05/19/17	GEB 381	Jaggard C	<b>Closed</b>
<b>11625</b> 350 ONLNE	-----	-	01/17/17-05/19/17	<b>Online</b>	Imm C	<b>Closed</b>
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.						
<b>11627</b> 351 ONLNE	-----	-	01/17/17-05/19/17	<b>Online</b>	Imm C	<b>Closed</b>
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.						
<b>11628</b> 352 ONLNE	-----	-	01/17/17-05/19/17	<b>Online</b>	Palcic R	<b>Closed</b>
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.						
<b>11630</b> 353 ONLNE	-----	-	01/17/17-05/19/17	<b>Online</b>	Palcic R	<b>Closed</b>
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.						
<b>12717</b> 354 ONLNE	-----	-	01/17/17-05/19/17	<b>Online</b>	Palcic R	<b>Closed</b>
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.						
<b>12718</b> 355 ONLNE	-----	-	01/17/17-05/19/17	<b>Online</b>	Lewis J	<b>Closed</b>
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.						
<b>11631</b> 365 ONLNE	-----	-	03/20/17-05/14/17	<b>Online</b>	Reinhard V	<b>Closed</b>
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.						
<b>11632</b> 370 ONLNE	-----	-	01/30/17-05/19/17	<b>Online</b>	Imm C	<b>Closed</b>
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.						

CRN	Days	Time	Date	Location	Instructor	Seats Open
11634 375 ONLNE	-----	-	02/13/17-05/19/17	Online	Dunham J	Closed

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.

11635 450 SEL	-----	-	01/17/17-05/18/18	Self Paced	Veer P	10 of 30
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Note: Spring students can begin their study in this self-paced math course up through April 1, 2017, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Phil Veer, at pveer@jccc.edu. 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](http://catalog.jccc.edu/coursedescriptions/math/#MATH_172))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11646 010 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	CLB 211	McCoy M	Closed
11638 011 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	CLB 211	McChesney T	Closed
11639 030 F2F	M-W-F--	02:00-02:50 PM	01/18/17-05/19/17	CLB 213	McChesney T	Closed
11640 060 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CLB 213	Helgeson D	Closed
11641 080 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CLB 209	Lewis J	Closed

Note: The instructor for this class uses the Flipped Classroom format of teaching. Students will be expected to have access to a computer and use videos and a software system to prepare for the classroom discussion and activities. For more information, please contact the instructor at jlewis@jccc.edu

11642 090 F2F	-T-R---	06:00-07:15 PM	01/17/17-05/19/17	CLB 402	Putnam T	Closed
11643 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Goodman C	Closed

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.

11644 370 ONLNE	-----	-	01/30/17-05/19/17	Online	Goodman C	Closed
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Note: In this online course, it is expected that students will work daily for a total of at least 12 hours each week in order to meet all deadlines. One 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.

11645 450 SEL	-----	-	01/17/17-05/18/18	Self Paced	Veer P	9 of 20
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Note: Spring students can begin their study in this self-paced math course up through April 1, 2017, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Phil Veer, at pveer@jccc.edu. 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 173 - Precalculus

Note: MATH 173 is an accelerated course recommended for students with a strong high school math background (three to four years) who plan to take calculus. This course focuses on the study of functions and their graphs, solving equations and inequalities, recognition and creation of patterns, and the use of mathematical models. Included in the course are linear, power, polynomial, rational, radical, exponential, logarithmic, trigonometric, and absolute value functions. 5 hrs. lecture/wk.

Note: MATH 173 is not required for calculus, although it can satisfy the prerequisite for calculus. Read the course description for Calculus I (MATH 241) and Business and Applied Calculus (MATH 231 and MATH 232) to see what the requirements for those courses are. If you have any questions, please talk with the Dean of Mathematics.

**Credit Hours:** 5

**Associated Costs:** \$0 to \$100

**Prerequisite:** MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.

Outline ([http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_173](http://catalog.jccc.edu/coursedescriptions/math/#MATH_173))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11647 001 F2F	MTWRF--	10:00-10:50 AM	01/17/17-05/19/17	CLB 403	O'Neil C	Closed
11648 002 F2F	MTWRF--	01:00-01:50 PM	01/17/17-05/19/17	GEB 340	Goodman C	Closed
11649 080 F2F	-T-R---	04:30-06:45 PM	01/17/17-05/19/17	GEB 340	Balman B	Closed
11650 280 F2F	MTWRF--	09:00-09:55 AM	01/30/17-05/19/17	GEB 315	Balman B	Closed

## MATH 175 - Discrete Mathematics and its Applications

This course is designed to present the beauty, scope, practical applications and relevance of mathematics. It will focus on applications of general interest drawn primarily from the social and biological sciences and business. Topics will be placed in a historical context, and mathematical reasoning will be stressed. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Associated Costs:** \$0 to \$100

**Prerequisite:** MATH 171 or MATH 173 with a grade of "C" or higher or appropriate score on the math placement test.

Outline ([http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_175](http://catalog.jccc.edu/coursedescriptions/math/#MATH_175))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11651 010 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	CLB 402	Robinson W	Closed

## 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
11822 010 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	CLB 213	Keslar C	Closed
11823 011 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CLB 209	Helgeson D	Closed
11824 012 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CLB 209	Helgeson D	Closed
11825 013 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	CLB 213	Helgeson D	Closed
11826 030 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	CLB 213	Siebert K	Closed
11827 031 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	CLB 209	Gron Dahl R	Closed
11828 040 F2F	M-W----	02:00-03:15 PM	01/18/17-05/19/17	CLB 209	Edmonds B	Closed
11829 041 F2F	M-W----	04:30-05:45 PM	01/18/17-05/19/17	CLB 213	Hatcher D	Closed
11830 060 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	CLB 213	Keslar C	Closed
11831 061 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CLB 209	Palcic R	Closed
11832 062 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	CLB 209	Palcic R	Closed
11833 080 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CLB 213	Robinson W	Closed
11834 081 F2F	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	CLB 213	Siebert K	Closed
11835 090 F2F	-T-R---	06:00-07:15 PM	01/17/17-05/19/17	CLB 209	Hatcher D	Closed
11836 150 F2F	-----S-	09:00-11:50 AM	01/21/17-05/19/17	CLB 213	Elhomani A	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
11837 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Gibbs A	Closed
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.						
11838 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Gibbs A	Closed
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.						
11841 370 ONLNE	-----	-	01/30/17-05/19/17	Online	Palcic R	Closed
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.						
11842 371 ONLNE	-----	-	01/30/17-05/19/17	Online	Jacobs L	Closed
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.						
11843 450 SEL	-----	-	01/17/17-05/18/18	Self Paced	Veer P	7 of 34
Note: Spring students can begin their study in this self-paced math course up through April 1, 2017, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Phil Veer, at pveer@jccc.edu. For more information and a link to the course syllabus and self-paced application see <a href="http://www.jccc.edu/academics/math-science/mathematics/self-paced.html">http://www.jccc.edu/academics/math-science/mathematics/self-paced.html</a> ( <a href="http://www.jccc.edu/academics/math-science/mathematics/self-paced.html">http://www.jccc.edu/academics/math-science/mathematics/self-paced.html</a> )						
Requirement: Department approval						

## MATH 191 - Math and Physics for Games I

This introductory course focuses on the mathematics and physics concepts needed to program a variety of video game scenarios. Student will learn to use vectors and matrix transformations to model the motion of physical objects in two and three dimensions. Students will also learn various computer programming methods in order to model these mathematical and physical concepts. 3 hrs. lecture and 2 hrs. lab/wk.

Note: MATH 191 and PHYS 191 are the same course; do not enroll in both.

**Credit Hours:** 4

**Associated Costs:** \$0 to 100

**Prerequisites:** MATH 171 or MATH 173 with a grade of "C" or higher or appropriate score on math placement test and GAME 121.

Outline ([http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_191](http://catalog.jccc.edu/coursedescriptions/math/#MATH_191))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11844 030 F2F	M-W-F--	02:00-02:50 PM	01/18/17-05/19/17	RC 380	Grondahl R	Closed
	M-----	03:00-04:50 PM	01/23/17-05/19/17	RC 380		

## 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

**Prerequisites:** MATH 171 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\\_231](http://catalog.jccc.edu/coursedescriptions/math/#MATH_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11851 010 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	CLB 207	O'Neil C	Closed
11852 011 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CLB 205	Jensen J	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
11853 030 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	CLB 207	Jensen J	Closed
12740 050 F2F	M-W----	06:00-07:15 PM	01/18/17-05/19/17	LIB 353B	VanLeeuwen F	Closed
11854 060 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CLB 203	Wang S	Closed
11855 080 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CLB 211	O'Neil C	Closed
11856 280 F2F	-T-R---	04:30-05:55 PM	01/31/17-05/19/17	CLB 209	VanLeeuwen F	Closed
11857 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Imm C	Closed

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.

11858 370 ONLNE	-----	-	01/30/17-05/19/17	Online	Sutherland C	Closed
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Note: In this online course, it is expected that students will work daily for a total of at least 12 hours each week in order to meet all deadlines. One 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 232 - Business and Applied Calculus II

This is the second course in a two-semester series on calculus that covers five techniques of integration, differentiation and integration of trigonometric functions, differential equations, and functions of several variables as applied to business, statistics, biology and the social sciences. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Associated Costs:** \$0 to 100

**Prerequisites:** MATH 231 and either MATH 172 or MATH 173 with a grade of "C" or higher or appropriate score on the math placement test.

Outline ([http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_232](http://catalog.jccc.edu/coursedescriptions/math/#MATH_232))

CRN	Days	Time	Date	Location	Instructor	Seats Open
13137 001 F2F	-T-R---	02:00-03:45 PM	02/13/17-05/19/17		Malakhova N	Closed

## 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

**Prerequisites:** Either (MATH 171 and 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](http://catalog.jccc.edu/coursedescriptions/math/#MATH_241))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11859 001 F2F	MTWRF--	08:00-08:50 AM	01/17/17-05/19/17	CLB 205	McChesney T	Closed
11860 002 F2F	MTWRF--	09:00-09:50 AM	01/17/17-05/19/17	CLB 403	Wilson S	Closed
11861 003 F2F	MTWRF--	12:00-12:50 PM	01/17/17-05/19/17	CLB 205	Dotson G	Closed
11862 004 F2F	MTWRF--	01:00-01:50 PM	01/17/17-05/19/17	CLB 403	Siebert K	Closed
11863 010 F2F	M-W-F--	11:00-12:25 PM	01/18/17-05/19/17	CLB 209	Lewis J	Closed
11865 040 F2F	M-W----	03:30-05:45 PM	01/18/17-05/19/17	CLB 205	Hughes D	Closed
11867 090 F2F	-T-R---	06:00-08:15 PM	01/17/17-05/19/17	CLB 207	Dotson G	Closed
11870 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Lewis J	Closed

Note: The instructor for this class uses the Flipped Classroom format of teaching. Students will be expected to have access to a computer and use videos and a software system to prepare for the classroom discussion and activities. For more information, please contact the instructor at [jlewis@jccc.edu](mailto:jlewis@jccc.edu)



CRN	Days	Time	Date	Location	Instructor	Seats Open
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Note: In this online course, it is expected that students will work daily for a total of at least 17 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.

12703 450 SEL	-----	-	01/17/17-05/18/18	Self Paced	Veer P	4 of 20
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Note: Spring students can begin their study in this self-paced math course up through April 1, 2017, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Phil Veer, at pveer@jccc.edu. 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 242 - Calculus II

This is the second course of a three-semester sequence on calculus. Integration is covered with an emphasis on analytical, numerical, and graphical methods. Techniques of integration are used to solve scientific and geometric applications. Infinite series are analyzed for convergence and applied to the representation of functions. 5 hrs. lecture/wk.

**Credit Hours:** 5

**Prerequisite:** MATH 241 with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_242](http://catalog.jccc.edu/coursedescriptions/math/#MATH_242))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11872 001 F2F	MTWRF--	08:00-08:50 AM	01/17/17-05/19/17	CLB 403	Krulewich D	Closed
11874 003 F2F	MTWRF--	11:00-11:50 AM	01/17/17-05/19/17	CLB 207	Grondahl R	Closed
11875 004 F2F	MTWRF--	01:00-01:50 PM	01/17/17-05/19/17	GEB 315	Helgeson D	Closed
11877 050 F2F	M-W----	06:00-08:15 PM	01/18/17-05/19/17	GEB 340	Hatcher D	Closed
11879 080 F2F	-T-R---	03:30-05:45 PM	01/17/17-05/19/17	CLB 207	Hatcher D	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/math/#MATH_243))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11880 001 F2F	MTWRF--	09:00-09:50 AM	01/17/17-05/19/17	CLB 402	Siebert K	Closed
11882 002 F2F	MTWRF--	12:00-12:50 PM	01/17/17-05/19/17	GEB 315	Edmonds B	Closed
11883 050 F2F	M-W----	06:00-08:15 PM	01/18/17-05/19/17	CLB 403	McChesney T	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/math/#MATH_246))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11884 060 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	CLB 211	Edmonds B	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/math/#MATH_254))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11885 001 F2F	MTWR---	10:00-10:50 AM	01/17/17-05/19/17	GEB 340	Edmonds B	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/math/#MATH_285))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11887 001 F2F	MTWR---	08:00-08:50 AM	01/17/17-05/19/17	CLB 209	Wilson S	Closed
11889 050 F2F	M-W----	06:00-07:50 PM	01/18/17-05/19/17	CLB 213	Baldwin R	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_124))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12027 001 F2F	--W----	08:00-08:50 AM	01/18/17-05/19/17	ATB 131	Crompton S	Closed
	Lab --W----	09:00-12:50 PM	01/18/17-05/19/17	ATB 150		
<i>Kansas Senate Bill SB 155</i>						
12028 002 F2F	M-----	05:00-05:50 PM	01/23/17-05/19/17	ATB 125	Stoufer J	Closed
	Lab M-----	06:00-09:50 PM	01/23/17-05/19/17	ATB 150		
<i>Kansas Senate Bill SB 155</i>						
12029 003 F2F	-----S-	08:00-08:50 AM	01/21/17-05/19/17	ATB 128	Crompton S	Closed
	Lab -----S-	09:00-12:50 PM	01/21/17-05/19/17	ATB 150		
<i>Kansas Senate Bill SB 155</i>						
12031 004 F2F	-T-----	08:00-08:50 AM	01/17/17-05/19/17	ATB 131	Crompton S	Closed
	Lab -T-----	09:00-12:50 PM	01/17/17-05/19/17	ATB 150		
<i>Kansas Senate Bill SB 155</i>						

## 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](http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_128))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12032 001 F2F	-T-----	05:00-05:50 PM	01/17/17-05/19/17	ATB 128	Poe A	Closed
	Lab -T-----	06:00-09:50 PM	01/17/17-05/19/17	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](http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12035 001 F2F	-T-----	05:00-05:50 PM	01/17/17-05/19/17	ATB 125	Bruce A	Closed
	Lab -T-----	06:00-09:50 PM	01/17/17-05/19/17	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](http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_133))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12038 001 F2F	--W----	05:00-05:50 PM	01/18/17-05/19/17	ATB 125	Davidson M	Closed
	Lab --W----	06:00-09:50 PM	01/18/17-05/19/17	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 \(http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB\\_136\)](http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_136)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12040 001 F2F	---R---	05:00-05:50 PM	01/19/17-05/19/17	ATB 125	Sprague B	Closed
	Lab ---R---	06:00-09:50 PM	01/19/17-05/19/17	ATB 150		

*Kansas Senate Bill SB 155*

## MFAB 152 - Manufacturing Materials and Processes

This is a beginning course in metal fabrication technology that is appropriate for the metal fabrication major and other interested students. Upon successful completion of this course, the student should be able to identify various manufacturing materials and processes currently used in industry. The capabilities and applications of machine tool, general fabrication, welding processes, robotics, cut-off equipment and other manufacturing processes and equipment will be studied. Lectures will be supplemented by class tours and demonstrations of various processes and equipment. Students are required to wear safety glasses during demonstrations. 3 hrs. lecture-demonstrations/wk.

**Credit Hours:** 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB\\_152\)](http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_152)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12042 001 F2F	----F--	02:00-04:50 PM	01/20/17-05/19/17	ATB 127	Stoufer J	Closed

*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 \(http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB\\_180\)](http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12044 001 F2F	M-----	06:00-07:50 PM	01/23/17-05/19/17	ATB 125	Pommier G	Closed

*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 \(http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB\\_205\)](http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12046 001 F2F	MTWR---	12:00-12:50 PM	01/17/17-02/09/17	ATB 131	Tremain R	Closed
	Lab MTWR---	01:00-04:50 PM	01/17/17-02/09/17	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](http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_210))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12047 001 F2F	MTWR---	12:00-12:50 PM	02/13/17-03/09/17	ATB 131	Tremain R	Closed
	Lab MTWR---	01:00-04:50 PM	02/13/17-03/09/17	ATB 150		

*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](http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12754 003 F2F	----F--	10:00-11:50 AM	01/20/17-05/19/17	ITC 189	Crompton S	Closed

*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](http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_241))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12049 001 F2F	MTWR---	12:00-12:50 PM	03/20/17-04/13/17	ATB 131	Tremain R	Closed
	Lab MTWR---	01:00-04:50 PM	03/20/17-04/13/17	ATB 150		

*Kansas Senate Bill SB 155*

## MFAB 250 - Fabrication Practices II

Upon completion of this class, the student should be able to work from discipline specific drawings to manufacture and assemble a mock piping loop, storage tank/vessel, and miscellaneous parts. This class is intended to serve all MFAB graduate students and current MFAB students who have completed the fundamental skills coursework within the metal fabrication certificate or degree programs. The Fabrication Practices II class is part two of an advanced comprehensive class intended to put to practical use the skills obtained throughout the existing Metal Fabrication and Welding Technology Career program. This class will put emphasis on pressure holding tanks and pressure vessels. Coursework will focus on modern welded fabrication techniques and practices used in the manufacturing and installation of steel pipe, tank and vessel systems, and miscellaneous welded mechanical structural items. Students will work in teams of three or four persons. 1 hr. lecture, 6 hrs lab/wk.

**Credit Hours:** 3

**Associated Costs:** \$50 to \$150

**Prerequisite:** MFAB 215

Outline ([http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB\\_250](http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12051 001 F2F	-T-----	05:00-05:50 PM	01/17/17-05/19/17	WLB 102	Crompton S	Closed
	Lab -T-----	06:00-09:50 PM	01/17/17-05/19/17	WLB 152		

*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](http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_255))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12053 001 F2F	---R---	05:00-05:50 PM	01/19/17-05/19/17	ATB 128	Tanking J	Closed
	Lab ---R---	06:00-09:50 PM	01/19/17-05/19/17	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](http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11995 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Kraus A	Closed

*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](http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_141))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11996 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Kraus A	Closed

*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](http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_142))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11997 350 ONLNE	-----	-	01/17/17-05/19/17	Online	King C	Closed
11998 351 ONLNE	-----	-	01/17/17-05/19/17	Online	King C	Closed

### 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](http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_143))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12720 001 F2F	-T-----	06:00-08:50 PM	01/17/17-05/19/17	RC 323	Spiegel J	Closed

*Kansas Senate Bill SB 155*

## MIRM 144 - Coding Classification Systems II

This course focuses on Current Procedural Terminology (CPT) and Healthcare Common Procedure Coding System (HCPCS) coding classification systems. Students learn the role of CPT and HCPCS in coding for outpatient services and procedures, as well as physician services. Instruction focuses on the importance of ethical conduct for coding professionals. 3 hrs. lecture/wk. This course is taught in the spring semester.

Note: Students are recommended to concurrently enroll in BIOL 227.

**Credit Hours:** 3

**Prerequisite:** MIRM 143

Outline ([http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM\\_144](http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_144))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11999 001 F2F	-T-----	06:00-08:50 PM	01/17/17-05/19/17	CC 329	Kraus A	Closed

*Kansas Senate Bill SB 155*

## 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](http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12001 350 ONLINE	-----	-	01/17/17-05/19/17	Online	Kraus A	Closed

*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](http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_148))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12003 500 INT	M-----	05:00-05:50 PM	01/23/17-01/23/17	RC 185	Kraus A	14 of 15

CRN	Days	Time	Date	Location	Instructor	Seats Open
	-----	-	01/23/17-05/19/17	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						
Requirement: Department approval						

## 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](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>10403</b> 001 F2F	-T-R--	11:00-12:15 PM	01/17/17-05/19/17	GEB 351A	Millard B	Closed
<i>Kansas Senate Bill SB 155</i>						
<b>10404</b> 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Millard B	Closed
<i>Kansas Senate Bill SB 155</i>						

### 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](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_134))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>10405</b> 001 F2F	-T-R--	11:00-12:15 PM	01/17/17-05/19/17	GEB 258	Hulen P	Closed
<i>Kansas Senate Bill SB 155</i>						
<b>10406</b> 350 ONLNE	-----	-	01/30/17-05/19/17	Online	Hulen P	Closed
<i>Kansas Senate Bill SB 155</i>						

### 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](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_146))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>10407</b> 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Spilde B	Closed
<i>Kansas Senate Bill SB 155</i>						
<b>10408</b> 351 ONLNE	-----	-	01/30/17-05/19/17	Online	Spilde B	Closed
<i>Kansas Senate Bill SB 155</i>						

### 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

[Outline \(http://catalog.jccc.edu/coursedescriptions/mkt/#MKT\\_180\)](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10409 376 HYB	-----	-	01/26/17-05/19/17	Online	Millard B	Closed
	---R---	02:00-04:30 PM	02/02/17-02/02/17	GEB 379		
	---R---	02:00-04:30 PM	03/02/17-03/02/17	GEB 379		
	---R---	02:00-04:30 PM	04/06/17-04/06/17	GEB 379		
	---R---	02:00-04:30 PM	05/11/17-05/11/17	GEB 379		

*Kansas Senate Bill SB 155*

*Mandatory Classroom Meetings*

Notes: Mandatory Class Times: 2:00pm-4:30pm on: Thursday, February 2nd, March 2nd, April 6th, and May 11th. 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 \(http://catalog.jccc.edu/coursedescriptions/mkt/#MKT\\_202\)](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_202)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10410 001 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CC 229	Lundeen S	Closed
10411 350 ONLNE	-----	-	01/23/17-05/19/17	Online	Lundeen S	Closed

## 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 \(http://catalog.jccc.edu/coursedescriptions/mkt/#MKT\\_205\)](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10412 001 F2F	--W----	01:00-03:30 PM	02/08/17-05/19/17	GEB 379	McAtee R	Closed
10413 350 ONLNE	-----	-	01/23/17-05/19/17	Online	Webb E	Closed

*Kansas Senate Bill SB 155*

*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 \(http://catalog.jccc.edu/coursedescriptions/mkt/#MKT\\_230\)](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10415 002 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	GEB 258	Hulen P	Closed
10416 003 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	GEB 258	Hulen P	Closed

*Kansas Senate Bill SB 155*

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Kansas Senate Bill SB 155</i>						
10417 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Hollister A	Closed
<i>Kansas Senate Bill SB 155</i>						
10418 351 ONLNE	-----	-	01/23/17-05/19/17	Online	Millard B	Closed
<i>Kansas Senate Bill SB 155</i>						
10419 352 ONLNE	-----	-	01/23/17-05/19/17	Online	Millard B	Closed
<i>Kansas Senate Bill SB 155</i>						
12967 353 ONLNE	-----	-	03/20/17-05/14/17	Online	Hollister A	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_234))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10420 350 ONLNE	-----	-	02/13/17-05/14/17	Online	Nikravan S	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10421 001 F2F	-T-R--	12:30-01:45 PM	01/17/17-05/19/17	LIB 352	Thum G	Closed
<i>Kansas Senate Bill SB 155</i>						
10422 350 ONLNE	-----	-	01/30/17-05/19/17	Online	Smith B	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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

Outline ([http://catalog.jccc.edu/coursedescriptions/mkt/#MKT\\_275](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_275))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10423 350 ONLNE	-----	-	01/30/17-05/19/17	Online	Hollister A	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_284))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10424 500 INT	-----	-	01/17/17-05/19/17		Millard B	15 of 19

*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

**Prerequisite:** MKT 284

Outline ([http://catalog.jccc.edu/coursedescriptions/mkt/#MKT\\_286](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_286))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10425 500 INT	-----	-	01/17/17-05/19/17		Millard B	3 of 7

*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](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_290))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10426 350 ONLINE	-----	-	01/17/17-05/19/17	Online	Hulen P	Closed

*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:** 3

**Associated Costs:** \$35 to \$80

Outline ([http://catalog.jccc.edu/coursedescriptions/mkt/#MKT\\_292](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_292))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12714 960 ONLINE	-----	-	03/20/17-05/14/17	Online	Begley J	Closed

This section's title is **Special Topics: Principles of Casualty and Liability Insurance.**

*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 \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_121\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_121)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
11084 001 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	OCB 144	Kern J	Closed
11085 002 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	OCB 144	Kern J	Closed
11086 003 F2F	M-W-F--	02:00-02:50 PM	01/18/17-05/19/17	OCB 144	Cowley S	Closed
11087 201 F2F	M-----	06:00-09:00 PM	01/30/17-05/19/17	OCB 144	Heinlein R	Closed
11088 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Teal T	Closed
11089 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Scott S	Closed
11090 353 ONLNE	-----	-	01/17/17-05/19/17	Online	Scott S	Closed
12671 354 ONLNE	-----	-	01/17/17-05/19/17	Online	Cowley S	Closed
13019 355 ONLNE	-----	-	03/20/17-05/14/17	Online	Heinlein R	Closed

## 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 \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_123\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11091 001 F2F	-T-R---	09:30-10:20 AM	01/17/17-05/19/17	OCB 182	Shiflett K	Closed
11092 002 F2F	M-W----	11:00-11:50 AM	01/18/17-05/19/17	OCB 144	Shiflett K	Closed
11093 003 F2F	-T-R---	01:00-01:50 PM	01/17/17-05/19/17	OCB 192	Heinlein R	Closed

## 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 \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_125\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11094 001 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	OCB 144	Ashlock C	Closed

## 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 \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_126\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11096 001 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	OCB 144	Auwarter D	Closed
11097 002 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	OCB 144	Auwarter D	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_128))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11098 001 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	LIB 353B	Fitzer H	Closed
11099 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Fitzer H	Closed

## MUS 142 - Music Theory: Harmony II

Harmony II is a continuation of the study of the harmonic system used in music composed from 1650 to 1900 and still in use in certain areas of music composition. The course covers use of non-harmonic tones, supertonic and dominant sevenths, functions of the submediant and mediant triads, advanced melodic writing and secondary dominant chords. Student will learn to harmonize melodies at the keyboard and play simple chord progressions on the piano. Music of the period will be analyzed. Selected software programs will enhance student skills and understanding. 3 hrs.lecture/wk. This course is typically taught in the spring semester.

**Credit Hours:** 3

**Prerequisite:** MUS 141 or passing equivalency test

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_142](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_142))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11165 001 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	OCB 192	Teal T	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_151))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11166 001 F2F	M-W-F--	02:00-02:50 PM	01/18/17-05/19/17	OCB 192	Teal T	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_152))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11167 001 F2F	M-W-F--	02:00-02:50 PM	01/18/17-05/19/17	OCB 192	Teal T	Closed

## 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 \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_153\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_153)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11168 001 F2F	M-W-F--	02:00-02:50 PM	01/18/17-05/19/17	OCB 192	Teal T	Closed

### 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 \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_154\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_154)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11169 001 F2F	M-W-F--	02:00-02:50 PM	01/18/17-05/19/17	OCB 192	Teal T	Closed

### 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 \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_155\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11170 001 F2F	M-----	11:00-12:50 PM	01/23/17-05/19/17	OCB 364	Ransom T	Closed

### 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 \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_156\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_156)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11171 001 F2F	-T-R--	09:00-10:50 AM	01/17/17-05/19/17	OCB 364	Moreland M	Closed
11172 002 F2F	-T-R--	11:00-12:50 PM	01/17/17-05/19/17	OCB 364	Moreland M	Closed
11173 003 F2F	-T-R--	04:00-05:50 PM	01/17/17-05/19/17	OCB 364	Olvera V	Closed
11174 004 F2F	-----S-	09:00-12:50 PM	01/21/17-05/19/17	OCB 364	Olvera V	Closed

### 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 \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_157\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_157)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11175 001 F2F	--W-F--	09:00-10:50 AM	01/18/17-05/19/17	OCB 364	Moreland M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
11176 002 F2F	--W-F--	11:00-12:50 PM	01/18/17-05/19/17	OCB 364	Moreland M	Closed
<i>Kansas Senate Bill SB 155</i>						
11177 003 F2F	-T-R---	02:00-03:50 PM	01/17/17-05/19/17	OCB 364	Olvera V	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_158))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11178 001 F2F	M-W----	01:00-03:20 PM	01/18/17-05/19/17	OCB 108	Ransom T	Closed
<i>Kansas Senate Bill SB 155</i>						

## MUS 159 - Recording Studio II

This course is designed for the student interested in the continued development of the creative abilities and technical skills needed to produce music using modern digital recording techniques and equipment. Students will understand simple copyright types and procedures, and create an itemized budget to establish a digital project studio. Students will demonstrate advanced knowledge of ProTools, and apply final mastering techniques in order to compile a portfolio of original music for personal, academic or professional purposes. 3 lecture, 2 hrs. lab/wk.

**Credit Hours:** 4

**Prerequisites:** MUS 158

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_159](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_159))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11179 001 F2F	M-W----	03:30-05:50 PM	01/18/17-05/19/17	OCB 108	Ransom T	Closed
<i>Kansas Senate Bill SB 155</i>						

## MUS 160 - Recording Studio Lab

This course is designed for students interested in learning how to work in a digital recording studio. Students will prepare for and conduct recording sessions and mix down sessions. Students will gain real world, hands-on experience as a studio musician, audio engineer and musical producer. 2 1/2 hrs. integrated lecture lab/wk.

**Credit Hours:** 2

**Associated Costs:** \$20 - 100

**Prerequisite:** MUS 158

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_160](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_160))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12650 001 F2F	-T-R---	01:30-04:00 PM	01/17/17-03/12/17	OCB 108	Moreland M	Closed
12651 201 F2F	-T-R---	01:30-04:00 PM	03/21/17-05/14/17	OCB 108	Moreland M	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_161))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11180 001 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	OCB 192	Teal T	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_162))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11181 001 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	OCB 192	Teal T	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_163))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11182 001 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	OCB 192	Teal T	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_164))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11183 001 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	OCB 192	Teal T	Closed

## MUS 165 - Music Composition I

This entry-level course provides instruction in the craft of musical composition. Traditional compositional techniques and concepts will be studied through demonstration and practice. Students will learn correct notational procedures and compose melodies and short pieces for one or two live performers. 1 hr. lecture/wk.

**Credit Hours:** 1

**Prerequisite:** MUS 141 or department approval

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_165](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_165))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11184 001 F2F	----F--	12:00-12:50 PM	01/20/17-05/19/17	OCB 144	Kern J	Closed

## 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 \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_169\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_169)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11185 001 F2F	-T-R---	12:00-12:50 PM	01/17/17-05/19/17	OCB 192	Shiflett K	Closed

## 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 \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_170\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_170)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11186 001 F2F	-T-R---	12:00-12:50 PM	01/17/17-05/19/17	OCB 192	Shiflett K	Closed

## 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 \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_176\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_176)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11187 001 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	OCB 182	Heinlein R	Closed

## 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 \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_177\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_177)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11188 001 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	OCB 182	Heinlein R	Closed

## 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 \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_178\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_178)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11189 001 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	OCB 182	Heinlein R	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_179))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11190 001 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	OCB 182	Heinlein R	Closed

### 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](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_185))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11191 001 F2F	M-----	01:00-04:50 PM	01/23/17-05/19/17	CC YAR	Gregory S	Closed

### 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](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_186))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11192 001 F2F	M-----	06:00-09:50 PM	01/23/17-05/19/17	CC YAR	Gregory S	Closed

### 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](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_191))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11193 001 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	OCB 182	Heinlein R	Closed

### 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](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_192))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11194 001 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	OCB 182	Heinlein R	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_193))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11195 001 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	OCB 182	Heinlein R	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_194))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11196 001 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	OCB 182	Heinlein R	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_221))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11197 001 F2F	-T-R---	09:00-09:50 AM	01/17/17-05/19/17	OCB 362	Pretzel M	Closed
11199 003 F2F	--W-F--	10:00-10:50 AM	01/18/17-05/19/17	OCB 362	Pretzel M	Closed
11200 004 F2F	-T-R---	06:00-06:50 PM	01/17/17-05/19/17	OCB 362	Peters C	Closed
12634 005 F2F	M-W----	12:00-12:50 PM	01/18/17-05/19/17	OCB 362	Peters C	Closed
12928 006 F2F	--W-F--	11:00-11:50 AM	01/18/17-05/19/17	OCB 362	Pretzel M	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_222))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12929 003 F2F	--W-F--	09:00-09:50 AM	01/18/17-05/19/17	OCB 362	Pretzel M	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_226))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11202 001 F2F	M-----	12:00-12:50 PM	01/23/17-05/19/17	OCB 192	Fitzer H	Closed
11203 002 F2F	--W----	06:00-06:50 PM	01/18/17-05/19/17	OCB 192	Fitzer H	Closed

## Neurodiagnostic Technology

### NDT 140 - Adult Neurodiagnostic Technology I

This course will expand on adult terminology as it relates to the Neurodiagnostic Technology (NDT) field. Students will learn the maturation of the brain from adolescent through the geriatric patient, normal and abnormal activity, and electroencephalographic (EEG) variants and seizure disorders will be discussed. In the lab, students will apply concepts of electrode placement to the adult patient. 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 2 hrs lab/wk.

**Credit Hours:** 4

**Prerequisites:** EMS 121 and NDT 125 and NDT 130 and NDT 135 (All courses must be completed with a grade of "C" or higher.) **Corequisites:** NDT 145 and NDT 150 and NDT 155

Outline ([http://catalog.jccc.edu/coursedescriptions/ndt/#NDT\\_140](http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12571 001 F2F	-T-R---	10:00-11:30 AM	01/17/17-05/19/17	 OHEC 119	Sanner C Portmann R	Closed

*Kansas Senate Bill SB 155*

### NDT 145 - Pediatric Neurodiagnostic Technology II

This course will expand on the concepts presented in Pediatric Neurodiagnostic Technology I and begins to correlate electroencephalographic (EEG) patterns with varying disease processes including infectious, toxic, and metabolic disorders. Students will also examine the effect of trauma, cerebral vascular accidents, genetic disorders, and differential diagnosis with the use of EEG. In the lab, the students will continue to perfect their skills in applying the electrodes in an efficient manner while addressing specific patient needs and mental capacity. Course instruction will use a blended approach that focuses on active engagement of the student in the classroom, lab, and in the simulation center. 3 hrs. lecture/wk. and 2 hrs. lab/wk.

**Credit Hours:** 4

**Prerequisites:** EMS 121 and NDT 125 and NDT 130 and NDT 135 (All courses must be completed with a grade of "C" or higher.) **Corequisites:** NDT 140 and NDT 150 and NDT 155

Outline ([http://catalog.jccc.edu/coursedescriptions/ndt/#NDT\\_145](http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12570 001 F2F	-T-R---	08:00-09:30 AM	01/17/17-05/18/17	 OHEC 119	Sanner C Portmann R	Closed

*Kansas Senate Bill SB 155*

### NDT 150 - Neurodiagnostic Clinical Correlates

This course explores the process of comparing and contrasting patient's diagnostic tests, age, past medical history, physical health, and symptoms to assist the physician in the development of a differential diagnosis. Students will have the opportunity to compare case studies to normal and abnormal electroencephalogram (EEG) patterns to construct clinical correlations. Students will engage in a variety of activities to explore EEG specific activation procedures, artifacts on the EEG, and identify activity that requires physician intervention. 2 hrs. lecture/wk.

**Credit Hours:** 2

**Prerequisites:** EMS 121 and NDT 125 and NDT 130 and NDT 135 (All courses must be completed with a grade of "C" or higher.) **Corequisites:** NDT 140 and NDT 145 and NDT 155

Outline ([http://catalog.jccc.edu/coursedescriptions/ndt/#NDT\\_150](http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12572 001 F2F	-T-----	01:00-03:00 PM	01/17/17-03/12/17	OHEC 119	Sanner C Portmann R	Closed

Kansas Senate Bill SB 155

## NDT 155 - Neurodiagnostic Clinical I

This course provides opportunities for entry-level Neurodiagnostic Technology (NDT) students to apply concepts, skills, and techniques of performing electroencephalograms (EEG's) in the clinical setting. Students will work with patients under supervision to further develop their skill and understanding of basic NDT procedures. 240 hrs. clinical/total

**Credit Hours:** 4

**Prerequisites:** EMS 121 and NDT 125 and NDT 130 and NDT 135 (All courses must be completed with a grade of "C" or higher.) **Corequisites:** NDT 140 and NDT 145 and NDT 150

Outline ([http://catalog.jccc.edu/coursedescriptions/ndt/#NDT\\_155](http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_155))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12573 001 CLI	M-W-F--	08:00-05:00 PM	03/20/17-05/14/17		Sanner C Portmann R	Closed

Kansas Senate Bill SB 155

## NDT 245 - Neurodiagnostic Related Modalities

This course explores neurodiagnostic modalities and their use of basic electroencephalographic (EEG) principles. Students will build on fundamental neurodiagnostic concepts to compare and contrast instrumentation, recording parameters, and applications for evoked potential, nerve conduction, and electrocorticography studies. The content will differentiate among continuous, long-term and intraoperative monitoring, and discuss the role of the neurodiagnostic technologist while performing neurodiagnostic related modalities. Learning will occur in the classroom setting. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisites:** NDT 225 and NDT 230 and NDT 240 (All courses must be completed with a grade of "C" or higher.) **Corequisites:** NDT 250 and NDT 255

Outline ([http://catalog.jccc.edu/coursedescriptions/ndt/#NDT\\_245](http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_245))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12574 001 F2F	----F--	09:00-12:00 PM	01/17/17-05/19/17	OHEC 119	Sanner C Portmann R	Closed

Kansas Senate Bill SB 155

## NDT 250 - Neurodiagnostic Program Capstone

This course is designed as a capstone experience for the neurodiagnostic program. Students will prepare for the American Board of Registration of Electroencephalographic and Evoked Potential (ABRET) part II exam and the Board of Registered Polysomnographic Technologists (BRPT) examinations. Exploration of career options and challenges will also occur. Upon successful completion students will demonstrate knowledge, skills and abilities expected of an entry level Neurodiagnostic Technologist(NDT.) A completed group project will document experiences and the knowledge base needed to assume the role of an NDT. 3 hrs. integrated lecture/lab/wk.

**Credit Hours:** 3

**Prerequisites:** NDT 225 and NDT 230 and NDT 240 (All courses must be completed with a grade of "C" or higher.) **Corequisites:** NDT 245 and NDT 255

Outline ([http://catalog.jccc.edu/coursedescriptions/ndt/#NDT\\_250](http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12575 001 F2F	----F--	01:00-04:00 PM	01/17/17-05/19/17	OHEC 119	Sanner C Portmann R	Closed

## NDT 255 - Polysomnography Clinical

This course is the clinical application of sleep related diagnosis and treatment. Students will have the opportunity to work with patients under close supervision to develop their skill and understanding of polysomnographic (PSG) procedures. 360 hrs. clinic/total

**Credit Hours:** 6

**Prerequisites:** NDT 225 and NDT 230 and NDT 240 (All courses must be completed with a grade of "C" or higher.) **Corequisites:** NDT 245 and NDT 250

Outline ([http://catalog.jccc.edu/coursedescriptions/ndt/#NDT\\_255](http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_255))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12576 001 CLI	MT-----	05:00-11:59 PM	01/17/17-05/19/17		Sanner C Portmann R	Closed

Kansas Senate Bill SB 155

## Nursing

### NURS 150 - Concepts of Nursing Care: Childbearing Family and Children

Students will engage in a variety of learning activities to build nursing knowledge and skills necessary to care for gynecological, obstetric and pediatric patient populations presenting with diverse and developmental characteristics across the healthcare continuum. This course reinforces foundational concepts and will introduce normal processes and common alterations unique to the childbearing family, child and adolescent. Course concepts as they apply to the childbearing family and children will continue to build necessary skills to meet program outcomes including clinical judgment, facilitator of learning, advocacy, caring practices, collaboration, systems thinking, response to diversity, and clinical inquiry. Students will acquire nursing knowledge and the skills necessary to care for the childbearing family, child and adolescent in wellness and moderately complex alterations. Students will apply theoretical content and therapeutic interventions to patients with various health alterations in the clinical component of the course, which will focus on the childbearing family, child and adolescent populations. Course instruction will occur using a blended approach that focuses on active engagement of the student in the classroom, online, and in the Health Resource Center, the Simulation Center and a variety of healthcare agencies.

**Credit Hours:** 8

**Requirements:** Admission to the Nursing Program and Prerequisites: NURS 100 and NURS 125 Prerequisite or Corequisite: PSYC 218

Outline ([http://catalog.jccc.edu/coursedescriptions/nurs/#NURS\\_150](http://catalog.jccc.edu/coursedescriptions/nurs/#NURS_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12606 001 F2F	-T-----	08:00-04:00 PM	01/17/17-01/17/17	SCI 222	Foster M Plank K Gibbar S Miller D Shank L Sears A Carver K LaMartina K Barlett M Ronnebaum E Lanier N Ritter M McNally J Gill R Brackett S Quinn R Parker C Vezendan C Schull H Pockrandt D Fenton R Honn K	Closed
	--W----	08:00-03:00 PM	01/18/17-01/18/17	SCI 222		
	---R---	08:00-02:00 PM	01/19/17-01/19/17	SCI 222		
	----F--	09:00-04:00 PM	01/20/17-01/20/17	CLB 111		
	----F--	09:00-04:00 PM	01/20/17-01/20/17	CLB 113		
	M-----	09:00-12:00 PM	01/23/17-01/23/17	SCI 222		
	----F--	10:00-12:00 PM	01/27/17-01/27/17	SCI 222		
	M-----	09:00-01:30 PM	01/30/17-01/30/17	SCI 222		
	M-----	09:00-01:00 PM	02/06/17-02/06/17	SCI 222		
	M-----	08:00-12:00 PM	02/13/17-02/13/17	SCI 222		
	M-----	01:00-05:00 PM	02/13/17-02/13/17	CLB 111		
	M-----	01:00-05:00 PM	02/13/17-02/13/17	CLB 113		
	-T-----	08:00-12:00 PM	02/14/17-02/14/17	CLB 111		
	-T-----	08:00-12:00 PM	02/14/17-02/14/17	CLB 113		
	----F--	08:00-05:00 PM	02/17/17-02/17/17	CLB 111		
	----F--	08:00-05:00 PM	02/17/17-02/17/17	CLB 113		
	M-----	12:00-02:00 PM	02/20/17-02/20/17	SCI 222		
	M-----	09:00-01:30 PM	02/27/17-02/27/17	SCI 222		
	M-----	08:00-05:00 PM	03/06/17-03/06/17	RC 101C		

CRN	Days	Time	Date	Location	Instructor	Seats Open
	M-----	08:00-05:00 PM	03/06/17-03/06/17	RC 101D		
	M-----	12:00-02:00 PM	03/20/17-03/20/17	SCI 222		
	M-----	09:00-04:30 PM	03/27/17-03/27/17	RC 101C		
	M-----	09:00-04:30 PM	03/27/17-03/27/17	RC 101D		
	M-----	09:00-02:50 PM	04/03/17-04/03/17	SCI 222		
	M-----	12:00-02:00 PM	04/10/17-04/10/17	SCI 222		
	M-----	09:00-02:30 PM	04/17/17-04/17/17	SCI 222		
	M-----	08:00-02:00 PM	04/24/17-04/24/17	SCI 222		
	M-----	12:00-03:00 PM	05/01/17-05/01/17	SCI 222		
	M-----	12:00-02:00 PM	05/08/17-05/08/17	SCI 222		
	M-----	04:00-05:00 PM	05/08/17-05/08/17	SCI 222		
	M-----	09:00-11:00 AM	05/15/17-05/15/17	SCI 222		
	M-----	02:00-03:00 PM	05/15/17-05/15/17	SCI 222		

Kansas Senate Bill SB 155

## NURS 225 - Concepts of Nursing Care: Complex Patient Care Management

The course will enable students to care for adult patients experiencing complex multisystem health alterations. Students will apply critical thinking and organizational skills to appropriately manage a group of patients in a healthcare setting. This course integrates the knowledge and skills acquired in the previous four nursing courses that facilitate student transition to professional nursing practice. Students will become increasingly confident and proficient in achieving the following 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 to patients in the clinical component of the course, which will include fragile and highly vulnerable patients and families. 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 200

Outline ([http://catalog.jccc.edu/coursedescriptions/nurs/#NURS\\_225](http://catalog.jccc.edu/coursedescriptions/nurs/#NURS_225))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12607 001 F2F	-T-----	08:00-02:00 PM	01/17/17-01/17/17	CC 211	Foster M Deines W Gibbar S Shank L Aks N Ilten T Duggan C Carver K LaMartina K Barlett M Ronnebaum E Ritter M McNally J Gill R Quinn R Vezendan C Walker B Colaizzi J Dannels K	Closed
	--W----	08:00-04:00 PM	01/18/17-01/18/17	CC 211		
	---R--	08:00-02:00 PM	01/19/17-01/19/17	CC 211		
	----F--	08:00-02:00 PM	01/20/17-01/20/17	CC 211		
	M-----	08:00-04:00 PM	01/23/17-01/23/17	CC 211		
	M-----	03:00-05:00 PM	01/23/17-01/23/17	CLB 111		
	M-----	03:00-05:00 PM	01/23/17-01/23/17	CLB 113		
	M-----	03:00-05:00 PM	01/23/17-01/23/17	SCI 222		
	-T-----	08:00-04:00 PM	01/24/17-01/24/17	CLB 111		
	-T-----	08:00-04:00 PM	01/24/17-01/24/17	CLB 113		
	--W----	08:00-11:30 AM	01/25/17-01/25/17	CLB 113		
	----F--	08:00-10:00 AM	01/27/17-01/27/17	CC 211		

CRN	Days	Time	Date	Location	Instructor	Seats Open
	M-----	08:00-04:20 PM	01/30/17-01/30/17	CC 211		
	M-----	08:00-03:00 PM	02/06/17-02/06/17	CC 211		
	M-----	08:00-03:00 PM	02/13/17-02/13/17	CC 211		
	M-----	08:00-04:00 PM	02/20/17-02/20/17	CC 211		
	---F--	10:00-12:00 PM	02/24/17-02/24/17	CC 211		
	M-----	08:00-04:20 PM	02/27/17-02/27/17	CC 211		
	M-----	08:00-03:00 PM	03/06/17-03/06/17	CC 211		
	M-----	08:00-04:00 PM	03/20/17-03/20/17	CC 211		
	M-----	08:00-12:00 PM	03/27/17-03/27/17	SCI 222		
	M-----	11:00-04:00 PM	03/27/17-03/27/17	CLB 111		
	M-----	11:00-04:00 PM	03/27/17-03/27/17	CLB 113		
	---F--	10:00-12:00 PM	03/31/17-03/31/17	CC 211		
	M-----	08:00-04:45 PM	04/03/17-04/03/17	CC 211		
	M-----	08:00-05:00 PM	04/10/17-04/10/17	CLB 111		
	M-----	08:00-05:00 PM	04/10/17-04/10/17	CLB 113		
	M-----	08:00-05:00 PM	04/17/17-04/17/17	CC 211		
	M-----	12:00-05:00 PM	04/17/17-04/17/17	CLB 111		
	M-----	12:00-05:00 PM	04/17/17-04/17/17	CLB 113		
	M-----	08:00-03:00 PM	04/24/17-04/24/17	CC 211		
	M-----	08:00-01:00 PM	05/01/17-05/01/17	CC 211		
	---F--	10:00-12:00 PM	05/05/17-05/05/17	CC 211		
	M-----	03:30-04:00 PM	05/08/17-05/08/17	CC 211		
	M-----	08:00-10:00 AM	05/15/17-05/15/17	CC 211		
	-T-----	11:30-12:00 PM	05/16/17-05/16/17	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](http://catalog.jccc.edu/coursedescriptions/nurs/#NURS_234))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12655 001 F2F	--W----	08:00-02:00 PM	01/25/17-01/25/17	CLB 111	Foster M Gibbar S Iiten T Carver K LaMartina K Barlett M Ronnebaum E Ritter M McNally J Gill R Quinn R Kasson B Parker C Vezendan C	Closed
	---R---	08:00-04:00 PM	01/26/17-01/26/17	CLB 111		
	--W----	08:00-02:00 PM	02/01/17-02/01/17	CLB 111		
	---R---	08:00-04:00 PM	02/02/17-02/02/17	CLB 111		
	--W----	08:00-02:00 PM	02/08/17-02/08/17	CLB 111		
	---R---	08:00-04:00 PM	02/09/17-02/09/17	CLB 111		



CRN	Days	Time	Date	Location	Instructor	Seats Open
	--W----	08:00-02:00 PM	02/15/17-02/15/17	CLB 111		
	--R--	08:00-04:00 PM	02/16/17-02/16/17	CLB 111		
	--R--	08:00-02:00 PM	02/23/17-02/23/17	CLB 111		
	---F--	08:00-04:00 PM	02/24/17-02/24/17	CLB 111		
	--R--	08:00-02:00 PM	03/02/17-03/02/17	CLB 111		
	---F--	08:00-04:00 PM	03/03/17-03/03/17	CLB 111		
	--W----	08:00-02:00 PM	03/08/17-03/08/17	CLB 111		
	--R--	08:00-04:00 PM	03/09/17-03/09/17	CLB 111		
	--W----	08:00-02:00 PM	03/22/17-03/22/17	CLB 111		
	--R--	08:00-04:00 PM	03/23/17-03/23/17	CLB 111		
	--W----	08:00-02:00 PM	03/29/17-03/29/17	CLB 111		
	--R--	08:00-04:00 PM	03/30/17-03/30/17	CLB 111		
	M-----	06:00-06:00 PM	04/03/17-04/03/17	TBA TBA		
	M-----	06:00-06:00 PM	04/10/17-04/10/17	TBA TBA		
	M-----	06:00-06:00 PM	04/17/17-04/17/17	TBA TBA		
	M-----	06:00-06:00 PM	04/24/17-04/24/17	TBA TBA		
	M-----	06:00-06:00 PM	05/01/17-05/01/17	TBA TBA		

## 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 \(http://catalog.jccc.edu/coursedescriptions/phil/#PHIL\\_121\)](http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_121)

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>10979</b> 001 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	GEB 317	Gale D	Closed
<b>10980</b> 002 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	GEB 317	Gale D	Closed
<b>10981</b> 003 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	GEB 317	Arjo D	Closed
<b>10982</b> 004 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	GEB 342	Arjo D	Closed
<b>10983</b> 005 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	GEB 317	Conrad O	Closed
<b>10984</b> 006 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	GEB 317	Conrad O	Closed
<b>10985</b> 007 F2F	---R---	06:00-08:50 PM	01/19/17-05/19/17	GEB 317	Quillen L	Closed
<b>10986</b> 008 F2F	M-W----	07:00-09:50 PM	01/18/17-03/08/17	CC 338	Quillen L	Closed
<b>10987</b> 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Jones A	Closed
<b>10988</b> 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Jones A	Closed

### 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 \(http://catalog.jccc.edu/coursedescriptions/phil/#PHIL\\_124\)](http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>10990</b> 001 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	GEB 317	Gale D	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
10991 002 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	GEB 317	Gale D	Closed
10992 003 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	GEB 342	Coleman K	Closed
10993 201 F2F	M-----	06:00-09:00 PM	01/30/17-05/19/17	GEB 317	Coleman K	Closed
10989 353 ONLINE	-----	-	01/17/17-05/19/17	Online	Musil B	Closed

## PHIL 128 - Environmental Ethics

This course provides a survey of environmental ethics. It focuses on the emergence of environmental issues as a topic of careful philosophical study and its connection to the political and legal considerations of environmental problems. It also examines various theories and traditional approaches developed in Western and Eastern philosophy as well as major world religions to understanding the value and status of nature. Lastly, this course looks at specific controversies pertaining to the conservation, use and value of natural resources. 3 hrs. lecture/wk.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/phil/#PHIL\\_128\)](http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10994 001 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	GEB 317	Gale D	Closed

## 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 \(http://catalog.jccc.edu/coursedescriptions/phil/#PHIL\\_138\)](http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_138)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10996 351 ONLINE	-----	-	01/17/17-02/26/17	Online	Arp R	Closed
10997 352 ONLINE	-----	-	03/27/17-05/07/17	Online	Arp R	Closed
13145 353 ONLINE	-----	-	03/27/17-05/07/17	Online	Arp R	Closed


## 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 \(http://catalog.jccc.edu/coursedescriptions/phil/#PHIL\\_143\)](http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_143)

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10998 001 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	GEB 317	Conrad O	Closed
10999 002 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	CC 338	Conrad O	Closed
11000 003 F2F	M-W-F--	02:00-02:50 PM	01/18/17-05/19/17	CC 338	Williams D	Closed
11001 004 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	CC 344	Ramos-Reyes M	Closed
11002 005 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	GEB 342	Ramos-Reyes M	Closed
11003 006 F2F	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	GEB 317	Arjo D	Closed
11004 007 F2F	-T-----	06:00-08:50 PM	01/17/17-05/19/17	GEB 317	Musil B	Closed
11005 201 F2F	--W----	06:00-09:00 PM	02/01/17-05/19/17	 DSH 206	Musil B	Closed
11006 351 ONLINE	-----	-	01/17/17-05/19/17	Online	Jones A	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
11007 352 ONLINE	-----	-	01/17/17-05/19/17	Online	Arp R	Closed
12648 353 ONLINE	-----	-	01/17/17-05/19/17	Online	Arp R	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_176))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11008 001 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	CC 352	Conrad O	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/phot/#PHOT_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11759 001 F2F	M-W----	08:00-10:50 AM	01/18/17-05/19/17	ATB 147	Wessel M	Closed
11761 002 F2F	M-W----	12:00-02:50 PM	01/18/17-05/19/17	ATB 147	Wessel M	Closed
11763 003 F2F	-T-R---	08:00-10:50 AM	01/17/17-05/19/17	ATB 147	Long A	Closed
11765 004 F2F	-T-R---	12:00-02:50 PM	01/17/17-05/19/17	ATB 147	Long A	Closed

### PHOT 122 - Advanced Photography

This course provides an introduction to advanced techniques, tools, procedures and concepts of photographic imaging, with an emphasis on black-and-white photography as a fine art. Students will use Zone System tests and procedures to produce prints of maximum quality. Students will use advanced techniques, such as split-developers for contrast control, multiple-imaging and archival processing, and print presentation. Several "alternative" printing processes will be discussed and demonstrated. This course also includes a basic introduction to medium format (2 1/4) and large format (4 x 5) camera equipment and technique. Students will apply the above to make images for a series of conceptually advanced, project/series-oriented assignments to stimulate the student's creative capacities for personal expression, communication and self-understanding. 6 hrs. integrated lecture/lab/wk.

**Credit Hours:** 3

**Associated Costs:** \$100 to 150

**Prerequisite:** PHOT 121

Outline ([http://catalog.jccc.edu/coursedescriptions/phot/#PHOT\\_122](http://catalog.jccc.edu/coursedescriptions/phot/#PHOT_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11766 001 F2F	-T-R---	03:00-05:50 PM	01/17/17-05/19/17	ATB 147	Heying P	Closed

### 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 \(http://catalog.jccc.edu/coursedescriptions/phot/#PHOT\\_123\)](http://catalog.jccc.edu/coursedescriptions/phot/#PHOT_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12744 002 F2F	-T-R---	12:00-02:50 PM	01/17/17-05/19/17	ATB 145D	Smith A	Closed

## 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 \(http://catalog.jccc.edu/coursedescriptions/phot/#PHOT\\_128\)](http://catalog.jccc.edu/coursedescriptions/phot/#PHOT_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11769 001 F2F	-T-R---	12:00-02:50 PM	01/17/17-05/19/17	ATB 135	Heying P	Closed
11770 002 F2F	M-W----	12:00-02:50 PM	01/18/17-05/19/17	ATB 139	Sands C	Closed
11771 003 F2F	-T-R---	06:00-08:50 PM	01/17/17-05/19/17	ATB 135	Hughes T	Closed
11772 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Nichols M	Closed

## 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 \(http://catalog.jccc.edu/coursedescriptions/phot/#PHOT\\_129\)](http://catalog.jccc.edu/coursedescriptions/phot/#PHOT_129)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11774 001 F2F	M-W----	03:00-05:50 PM	01/18/17-05/19/17	ATB 139	Sands C	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/phys/#PHYS_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11136 001 F2F	MTWR---	09:00-09:50 AM	01/17/17-05/19/17	SCI 122	Weaver L	Closed
	Lab -T-----	11:00-01:50 PM	01/17/17-05/19/17	SCI 121		
11137 002 F2F	MTWR---	10:00-10:50 AM	01/17/17-05/19/17	SCI 122	Weaver L	Closed
	Lab --W----	11:00-01:50 PM	01/18/17-05/19/17	SCI 121		
11138 003 F2F	M-W----	08:00-09:50 AM	01/18/17-05/19/17	SCI 117	Malek G	Closed
	Lab ----F--	08:00-10:50 AM	01/20/17-05/19/17	SCI 117		
11139 004 F2F	M-W----	11:00-12:50 PM	01/18/17-05/19/17	SCI 117	Malek G	Closed
	Lab ----F--	11:00-01:50 PM	01/20/17-05/19/17	SCI 117		
11140 050 F2F	--W----	06:00-06:50 PM	01/18/17-05/19/17	SCI 122	Strecker R	Closed
	Lab --W----	07:00-09:50 PM	01/18/17-05/19/17	SCI 121		
	M-----	06:00-08:50 PM	01/23/17-05/19/17	SCI 122		

## PHYS 131 - College Physics II

In this introductory course for pre-professional and general education, students will learn the fundamentals of selected areas of classical physics. Using the tools of algebra and trigonometry, the course develops the topics of electricity and magnetism, waves, light and optics and some elements of modern physics, such as relativity and quantum physics. The two-semester PHYS 130/131 sequence is designed to meet the requirements of area pre-professional programs. This is a transfer course that meets the college's requirements for associate's degree programs and also meets transfer requirements of area colleges and universities. This course does not normally fulfill the requirements of engineering programs. The course includes an integrated laboratory component the completion of which is a necessary part of the total instructional package. 4 hrs. lecture, 3 hrs. lab/wk.

Note: This course does not normally fulfill the requirements of engineering programs.

**Credit Hours:** 5

**Prerequisite:** PHYS 130

Outline ([http://catalog.jccc.edu/coursedescriptions/phys/#PHYS\\_131](http://catalog.jccc.edu/coursedescriptions/phys/#PHYS_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11141 001 F2F	MTWR---	08:00-08:50 AM	01/17/17-05/19/17	SCI 122	Weaver L	Closed
	Lab ---R---	11:00-01:50 PM	01/19/17-05/19/17	SCI 117		
11142 050 F2F	--W----	06:00-08:50 PM	01/18/17-05/19/17	SCI 120	Thuma R	Closed
	M-----	06:00-06:50 PM	01/23/17-05/19/17	SCI 120		
	Lab M-----	07:00-09:50 PM	01/23/17-05/19/17	SCI 117		

## PHYS 191 - Math & Physics for Games I

This introductory course focuses on the mathematics and physics concepts needed to program a variety of video game scenarios. Students will learn to use vectors and matrix transformations to model the motion of physical objects in two and three dimensions. Students will also learn various computer programming methods in order to model these mathematical and physical concepts. 3 hrs. lecture and 2 hrs. lab/wk.

Note: PHYS 191 and MATH 191 are the same course; do not enroll in both.

**Credit Hours:** 4

**Associated Costs:** \$0 to 100

**Prerequisite:** MATH 171 or MATH 173 with grade of "C" or higher or appropriate score on math assessment test and GAME 121

Outline ([http://catalog.jccc.edu/coursedescriptions/phys/#PHYS\\_191](http://catalog.jccc.edu/coursedescriptions/phys/#PHYS_191))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11144 001 F2F	M-W-F--	02:00-02:50 PM	01/18/17-05/19/17	RC 380	Patterson J	Closed
	Lab M-----	03:00-04:50 PM	01/23/17-05/19/17	RC 380		

Note: PHYS 191 and MATH 191 are the same course. Do not enroll in both.

## 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](http://catalog.jccc.edu/coursedescriptions/phys/#PHYS_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11147 001 F2F	MTWR---	09:00-09:50 AM	01/17/17-05/19/17	SCI 120	Martinez D	Closed
	Lab -T-----	02:00-04:50 PM	01/17/17-05/19/17	SCI 121		
11148 002 F2F	MTWR---	10:00-10:50 AM	01/17/17-05/19/17	SCI 120	Martinez D	Closed
	Lab --W----	02:00-04:50 PM	01/18/17-05/19/17	SCI 121		

## PHYS 221 - Engineering Physics II ▶

This is an introduction to physics for engineering and science students. Included are mathematical approaches to the study of electricity, magnetism, sound, optics and modern physics. 4 hrs. lecture, 3 hrs. lab/wk.

**Credit Hours:** 5

**Prerequisites:** PHYS 220 and MATH 242

Outline ([http://catalog.jccc.edu/coursedescriptions/phys/#PHYS\\_221](http://catalog.jccc.edu/coursedescriptions/phys/#PHYS_221))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11149 001 F2F	MTWR---	11:00-11:50 AM	01/17/17-05/19/17	SCI 122	Martinez D	Closed
	Lab ---R---	02:00-04:50 PM	01/19/17-05/19/17	SCI 117		
11150 050 F2F	-T-----	06:00-06:50 PM	01/17/17-05/19/17	SCI 120	Richman M	Closed
	Lab -T-----	07:00-09:50 PM	01/17/17-05/19/17	SCI 117		
	---R---	06:00-08:50 PM	01/19/17-05/19/17	SCI 120		

## Practical Nursing

### PN 125 - KSPN Foundations of Nursing

This course utilizes the nursing standards of practice based on principles of biology, psychosocial, spiritual and cultural to meet the needs of clients throughout the lifespan. Emphasis is placed on basic nursing skills, client safety and therapeutic communication. Concepts and skills are enhanced in subsequent courses. 60 hrs lecture/semester

**Credit Hours:** 4

**Requirements:** Admission to the Practical Nursing Program, Corequisite: PN 126

Outline ([http://catalog.jccc.edu/coursedescriptions/pn/#PN\\_125](http://catalog.jccc.edu/coursedescriptions/pn/#PN_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12656 201 F2F	-T-----	05:30-09:30 PM	01/17/17-05/09/17	 OHEC 209	Catron D Rettig R Anderson L Luoma E	Closed

*Kansas Senate Bill SB 155*

### PN 126 - KSPN Foundations of Nursing Clinical

The art and science of nursing are explored in this clinical course. Emphasis is placed on the nursing process, cultural and spiritual awareness, communication, data collection, performance of basic nursing skills and documentation. Principles of safe medication administration are introduced. 90 clinical hrs./semester

**Credit Hours:** 2

**Requirements:** Admission to the Practical Nursing Program, Corequisite: PN 125

Outline ([http://catalog.jccc.edu/coursedescriptions/pn/#PN\\_126](http://catalog.jccc.edu/coursedescriptions/pn/#PN_126))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12672 202 CLI	----S-	06:30-02:30 PM	02/04/17-04/29/17	TBA	Rettig R Valluri J Benedict T Baker D Luoma E	Closed

-----U 06:30-02:30 PM 02/05/17-04/30/17 TBA

Kansas Senate Bill SB 155

## PN 140 - KSPN Maternal Child Nursing

This course focuses on pre- and post-natal maternal nursing care, as well as, the care of children from infancy to adolescence. Emphasis is given to normal reproduction and frequently occurring biological, cultural, spiritual and psychosocial needs of the child-bearing and child-rearing family. 30 hrs. lecture/semester

**Credit Hours:** 2

**Requirements:** Admission to the Practical Nursing Program, Prerequisites: PN 130 with a grade of "C" or higher and PN 131 with a passing grade and PN 135 with a grade of "C" or higher Corequisite: PN 141

Outline ([http://catalog.jccc.edu/coursedescriptions/pn/#PN\\_140](http://catalog.jccc.edu/coursedescriptions/pn/#PN_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12681 001 F2F	M-----	08:30-10:30 AM	01/23/17-05/08/17	 OHEC 209	Cook L	Closed

Kansas Senate Bill SB 155

## PN 141 - KSPN Maternal Child Clinical

This clinical course applies concepts from Maternal Child I. Emphasis is placed on the nursing process and meeting the basic needs of the maternal child client. 45 clinical hrs./semester.

**Credit Hours:** 1

**Requirements:** Admission to the Practical Nursing Program, Prerequisites: PN 130 with a grade of "C" or higher and PN 131 with a passing grade and PN 135 with a grade of "C" or higher Corequisite: PN 140

Outline ([http://catalog.jccc.edu/coursedescriptions/pn/#PN\\_141](http://catalog.jccc.edu/coursedescriptions/pn/#PN_141))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12774 025 CLI	--WR---	08:00-04:00 PM	01/18/17-02/02/17	 OHEC 205	Koehler T	Closed

Kansas Senate Bill SB 155

## PN 145 - KSPN Mental Health Nursing

This course explores basic concepts and trends in mental health nursing. Therapeutic modalities and client behavior management are discussed. Emphasis is placed on using the nursing process and meeting the basic human needs of the mental health client. 30 hrs. lecture/semester

**Credit Hours:** 2

**Requirements:** Admission to the Practical Nursing Program, Prerequisites: PN 130 with a grade of "C" or higher and PN 131 with a passing grade and PN 135 with a grade of "C" or higher Corequisite: PN 146

Outline ([http://catalog.jccc.edu/coursedescriptions/pn/#PN\\_145](http://catalog.jccc.edu/coursedescriptions/pn/#PN_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12687 030 F2F	-T-----	01:30-03:30 PM	01/17/17-05/09/17	 OHEC 209	Luoma E	Closed

Kansas Senate Bill SB 155

## PN 146 - Mental Health Nursing Clinical

This clinical course explores basic concepts and trends in mental health nursing. Therapeutic modalities and client behavior management are discussed. Emphasis is placed on using the nursing process and meeting the basic human needs of the mental health client. 45 hrs. clinical/semester

**Credit Hours:** 1

**Requirements:** Admission to the Practical Nursing Program, Prerequisites: PN 130 with a grade of "C" or higher and PN 131 with a passing grade and PN 135 with a grade of "C" or higher Corequisite: PN 145

Outline ([http://catalog.jccc.edu/coursedescriptions/pn/#PN\\_146](http://catalog.jccc.edu/coursedescriptions/pn/#PN_146))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12688 031 CLI	--WR---	06:30-03:00 PM	02/08/17-02/23/17	TBA	Nelson C Valluri J Luoma E	Closed
<i>Kansas Senate Bill SB 155</i>						
12689 032 CLI	--WR---	06:30-03:00 PM	03/01/17-03/23/17	TBA	Nelson C Valluri J Luoma E	Closed
<i>Kansas Senate Bill SB 155</i>						
12775 035 CLI	--WR---	06:30-03:00 PM	02/08/17-02/23/17	TBA	Nelson C Valluri J Luoma E	Closed
<i>Kansas Senate Bill SB 155</i>						
12776 036 CLI	--WR---	06:30-03:00 PM	03/01/17-03/23/17	TBA	Nelson C Valluri J Luoma E	Closed
<i>Kansas Senate Bill SB 155</i>						

## PN 150 - KSPN Medical Surgical Nursing II

This course focuses on the effect of disorders of selected systems throughout the life span using the nursing process in meeting basic needs. Prevention, rehabilitation and continuity of care are emphasized. The role of the practical nurse is incorporated throughout. 60 lecture hrs./semester

**Credit Hours:** 4

**Requirements:** Admission to the Practical Nursing Program, Prerequisites: PN 130 with a grade of "C" or higher and PN 135 with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/coursedescriptions/pn/#PN\\_150](http://catalog.jccc.edu/coursedescriptions/pn/#PN_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12692 040 F2F	M-----	10:35-03:30 PM	01/23/17-05/08/17	 OHEC 209	Radom V	Closed
<i>Kansas Senate Bill SB 155</i>						
12674 101 F2F	M-W----	05:00-09:00 PM	01/18/17-03/08/17	 OHEC 209	Rettig R Anderson L Luoma E	Closed
<i>Kansas Senate Bill SB 155</i>						

## PN 151 - KSPN Medical Surgical Nursing II Clinical

This experience uses simulated and actual care situations of selected systems throughout the lifespan, utilizing acute and long-term care settings. An emphasis is placed on critical thinking and clinical decision-making skill development. Principles of leadership for the practical nurse will be implemented, as well as multi-task management skills for transition as a practical nurse. 135 hrs. clinical/semester

**Credit Hours:** 3

**Requirements:** Admission to the Practical Nursing Program, Prerequisites: PN 130 with a grade of "C" or higher and PN 131 with a passing grade and PN 135 with a grade of "C" or higher rerequisite or corequisite: PN 150 with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/coursedescriptions/pn/#PN\\_151](http://catalog.jccc.edu/coursedescriptions/pn/#PN_151))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12968 075 CLI	--WR---	06:30-03:00 PM	02/08/17-05/04/17	TBA	Valluri J Koehler T Radom V Graham N Greathouse T	Closed
<i>Kansas Senate Bill SB 155</i>						
12969 076 CLI	--WR---	06:30-03:00 PM	03/01/17-05/04/17	TBA	Nelson C Valluri J Koehler T Radom V Graham N Greathouse T Pockrandt D	Closed



CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Kansas Senate Bill SB 155</i>						
12675 200 CLI	----S-	06:30-01:00 PM	01/21/17-05/13/17	TBA	Catron D Valluri J Krumsick S Anderson L Luoma E	Closed
	----U	06:30-01:00 PM	01/22/17-05/14/17	TBA		
<i>Kansas Senate Bill SB 155</i>						

## PN 155 - KSPN Gerontology Nursing

This course is designed to explore issues related to the aging adult using the nursing process as the organizing framework. Also discussed are the impact of ageism, alterations in physiological and psychosocial functioning, and the role of the practical nurse in caring for older adult clients. 30 hrs. lecture/semester

**Credit Hours:** 2

**Requirement:** Admission to Practical Nursing Program

Outline ([http://catalog.jccc.edu/coursedescriptions/pn/#PN\\_155](http://catalog.jccc.edu/coursedescriptions/pn/#PN_155))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12666 051 F2F	---R---	07:30-09:30 PM	01/19/17-05/11/17	OHEC 209	Koehler T	Closed
<i>Kansas Senate Bill SB 155</i>						

## PN 170 - Physical Assessment for the Practical Nurse

Physical Assessment for the Practical Nurse is a three credit course designed to provide practical nursing students with a basic understanding and working knowledge of physical assessment in the adult. The course is divided into units that correlate with the body systems. Learning environments will include classroom, skills lab and simulation lab.

**Credit Hours:** 3

**Requirements:** Admission to the Practical Nursing Program and American Heart Association Basic Life Support for Healthcare Providers (BLS)

Outline ([http://catalog.jccc.edu/coursedescriptions/pn/#PN\\_170](http://catalog.jccc.edu/coursedescriptions/pn/#PN_170))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12697 050 F2F	-T----	08:30-12:30 PM	01/17/17-05/09/17	OHEC 209	Greathouse T	Closed
	----F--	08:00-04:30 PM	01/20/17-05/12/17	OHEC 207		
<i>Kansas Senate Bill SB 155</i>						
12676 210 F2F	M-W----	05:00-09:00 PM	03/20/17-05/15/17	OHEC 209	Yeoman D Zinchak B Luoma E Greathouse T	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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](http://catalog.jccc.edu/coursedescriptions/pols/#POLS_122)) [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10957 001 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	GEB 213	Bedell T	Closed
10958 002 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	GEB 213	Wright B	Closed
10959 003 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	GEB 213	Harmon L	Closed
10960 004 F2F	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	GEB 213	Burns J	Closed
10961 201 F2F	M-----	06:00-09:00 PM	01/30/17-05/19/17	GEB 213	Staniforth M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
10963 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Wright B	Closed
10964 352 ONLNE	-----	-	03/20/17-05/14/17	Online	Harmon L	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/pols/#POLS_124))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10965 001 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	GEB 213	Faulwell B	Closed
10966 002 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	GEB 213	Faulwell B	Closed
10967 003 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	GEB 213	Cusser J	Closed
10968 004 F2F	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	CC 126B	Staniforth M	Closed
11800 201 F2F	--W----	06:00-09:00 PM	02/01/17-05/19/17	CC 229	Allen K	Closed
10969 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Harvey M	Closed
10970 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Harvey M	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/pols/#POLS_132))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10971 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Burns J	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/pols/#POLS_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10972 001 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	GEB 213	Wright B	Closed
10973 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Belzer G	Closed

## POLS 175 - Environmental Policy and Law

This is a survey course in environmental regulation and will provide an overview of key environmental laws and policies including major provisions of the National Environmental Policy Act (NEPA), the Clean Water Act (CWA), the Clean Air Act (CAA), the Resource Conservation and Recovery Act (RCRA), the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and The Endangered Species Act (ESA). 3 hrs. lecture/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/pols/#POLS\\_175](http://catalog.jccc.edu/coursedescriptions/pols/#POLS_175))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10974 201 F2F	M-----	06:00-09:00 PM	01/30/17-05/19/17	GEB 279	Williams D	Closed

## POLS 192 - Political Theory

This course examines the relationship between citizens and government, and competing justifications for political authority. We will focus on the Western political tradition, in particular Plato, Locke, Mill and Marx. Most of class work consists of participation in historical simulations involving Ancient Athens and Revolutionary America, with some attention to other periods. 3 hrs. lecture/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/pols/#POLS\\_192](http://catalog.jccc.edu/coursedescriptions/pols/#POLS_192))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10975 001 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	GEB 213	Wright B	Closed
10976 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Staniforth M	Closed

## POLS 200 - Model United Nations

This course is designed for students who are interested in learning and understanding international organizations and participating in competitive intercollegiate Model United Nations. This course orients students with the history, structure and function of the United Nations and those facets of an assigned country. This orientation will assist students in their preparation for the Model United Nations (MUN) conference during the spring semester. 3 hrs lecture/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/pols/#POLS\\_200](http://catalog.jccc.edu/coursedescriptions/pols/#POLS_200))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10977 001 F2F	--W----	06:00-08:50 PM	01/18/17-05/19/17	GEB 213	Wright B	Closed

Instructor permission required. Please consult Dr. Brian Wright at 913-469-8500, ext. 4266 or [bwright1@jccc.edu](mailto:bwright1@jccc.edu)

## POLS 270 - Political Science Internship

Students augment their academic course work with an internship in an appropriate setting under instructional supervision. Internship projects are cooperative efforts between appropriate supervisors in state, local or national government settings or not-for-profit organizations and college staff and students. Internships give students the opportunity to participate in the real-world application of their academic studies. In addition, this synthesis of classroom study with practical experience provides students with skills and insights useful in selecting a career or avocation in community service. The student spends the equivalent of 10 hours per week performing internship duties over the course of the semester or a total of 150 hours.

**Credit Hours:** 3

**Prerequisite and/or corequisite:** By permission of the political science internship coordinator, completion of 6 credit hours in political science courses at JCCC or another college within the last two years, earning a minimum of a 3.0 on a 4.0 scale in those political science courses, and a written recommendation from your political science classroom instructor. Students must complete all necessary arrangements for this program the semester prior to the internship.

Outline ([http://catalog.jccc.edu/coursedescriptions/pols/#POLS\\_270](http://catalog.jccc.edu/coursedescriptions/pols/#POLS_270))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12745 501 INT	-----	-	01/17/17-05/19/17		Wright B	4 of 6

Please email James Leiker, Chair of Political Science for permission to enroll. [jleiker1@jccc.edu](mailto:jleiker1@jccc.edu) (Include your JCCC ID number.)

Requirement: Department approval

## Physical Science

### PSCI 120 - Physical Science ▶

This course is an introduction to the fundamental concepts and principles of physics, chemistry, astronomy and the earth sciences. Topics include forces, energy, electricity, magnetism, modern physics, and chemical bonding. It is counted toward laboratory science requirements and is intended for non-science majors. The course includes presentation of material using audiovisual, computer and other multimedia aids. Three hours of class and three hours of work in a scheduled lab are required each week. 6 hrs. integrated lecture/lab/wk.

**Credit Hours:** 4

Outline ([http://catalog.jccc.edu/coursedescriptions/psci/#PSCI\\_120](http://catalog.jccc.edu/coursedescriptions/psci/#PSCI_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11151 001 F2F	M-W----	09:00-11:50 AM	01/18/17-05/19/17	SCI 125	Finnicum S	Closed
11152 002 F2F	M-W----	01:00-03:50 PM	01/18/17-05/19/17	SCI 125	Hess J	Closed
11153 003 F2F	-T-R---	09:00-11:50 AM	01/17/17-05/19/17	SCI 125	Finnicum S	Closed
11154 004 F2F	-T-R---	02:00-04:50 PM	01/17/17-05/19/17	SCI 125	Finnicum S	Closed
11155 050 F2F	M-W----	06:00-08:50 PM	01/18/17-05/19/17	SCI 125	Hess J	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11321 001 F2F	M-----	03:00-05:50 PM	01/23/17-05/19/17	CLB 312	Filley D	Closed


### 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](http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_130))  Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
11322 001 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	SCI 212	Bratt J	Closed
<i>Accelerating Opportunity KS</i>						
11326 002 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	CLB 312	Rader M	Closed
<i>Accelerating Opportunity KS</i>						
11327 003 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	GEB 342	Ward A	Closed
<i>Accelerating Opportunity KS</i>						
11328 004 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CLB 312	Rader M	Closed
<i>Accelerating Opportunity KS</i>						
11329 005 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	SCI 212	Kappen D	Closed
<i>Accelerating Opportunity KS</i>						
11330 006 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CLB 312	Kappen D	Closed
<i>Accelerating Opportunity KS</i>						
11331 007 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	SCI 212	Pettitt J	Closed
<i>Accelerating Opportunity KS</i>						
11332 008 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	GEB 342	Kelly D	Closed
<i>Accelerating Opportunity KS</i>						
11333 009 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	CLB 312	Kappen D	Closed
<i>Accelerating Opportunity KS</i>						
11334 010 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	SCI 212	Rader M	Closed
<i>Accelerating Opportunity KS</i>						
11335 011 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	CLB 312	Kelly D	Closed
<i>Accelerating Opportunity KS</i>						
11336 012 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	CLB 312	Riley N	Closed
<i>Accelerating Opportunity KS</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>11337</b> 013 F2F <i>Accelerating Opportunity KS</i>	M-W-F--	02:00-02:50 PM	01/18/17-05/19/17	CLB 312	Riley N	Closed
<b>11339</b> 014 F2F <i>Accelerating Opportunity KS</i>	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	SCI 212	Sympson S	Closed
<b>11340</b> 015 F2F <i>Accelerating Opportunity KS</i>	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CLB 312	Redburn B	Closed
<b>11341</b> 016 F2F <i>Accelerating Opportunity KS</i>	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	CLB 312	Redburn B	Closed
<b>11342</b> 017 F2F <i>Accelerating Opportunity KS</i>	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	GEB 377	Ladd B	Closed
<b>11338</b> 018 F2F <i>Accelerating Opportunity KS</i>	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	OCB 144	Sympson S	Closed
<b>11343</b> 019 F2F <i>Accelerating Opportunity KS</i>	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	SCI 212	Sympson S	Closed
<b>11344</b> 020 F2F <i>Accelerating Opportunity KS</i>	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CLB 312	Ward P	Closed
<b>11345</b> 022 F2F <i>Accelerating Opportunity KS</i>	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	SCI 212	Ward P	Closed
<b>11346</b> 023 F2F <i>Accelerating Opportunity KS</i>	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	GEB 377	Darrow R	Closed
<b>11347</b> 024 F2F <i>Accelerating Opportunity KS</i>	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	SCI 212	Ladd B	Closed
<b>11348</b> 025 F2F <i>Accelerating Opportunity KS</i>	-T-R---	03:30-04:45 PM	01/17/17-05/19/17	GEB 377	Darrow R	Closed
<b>11349</b> 026 F2F <i>Accelerating Opportunity KS</i>	--W----	06:00-08:50 PM	01/18/17-05/19/17	CLB 312	Martin K	Closed
<b>12663</b> 027 F2F <i>Accelerating Opportunity KS</i>	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	ATB 127	Magenheimer L	Closed
<b>12664</b> 028 F2F <i>Accelerating Opportunity KS</i>	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	ATB 131	Magenheimer L	Closed
<b>12665</b> 029 F2F <i>Accelerating Opportunity KS</i>	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	ATB 134	Magenheimer L	Closed
<b>11351</b> 201 F2F <i>Accelerating Opportunity KS</i>	M-----	06:00-09:00 PM	01/30/17-05/19/17	CLB 312	Riley N	Closed
<b>11352</b> 202 F2F <i>Accelerating Opportunity KS</i>	-T-----	06:00-09:00 PM	01/31/17-05/19/17	 OHEC 107	Jones D	Closed
<b>11353</b> 203 F2F <i>Accelerating Opportunity KS</i>	--W----	06:00-09:00 PM	02/01/17-05/19/17	 DSH 210	Filley D	Closed
<b>11354</b> 204 F2F <i>Accelerating Opportunity KS</i>	---R---	06:00-09:00 PM	02/02/17-05/19/17	CLB 312	Jones D	Closed
<b>11355</b> 351 ONLNE <i>Accelerating Opportunity KS</i>	-----	-	01/17/17-05/19/17	Online	Rader M	Closed
<b>11356</b> 352 ONLNE <i>Accelerating Opportunity KS</i>	-----	-	01/17/17-05/19/17	Online	Klinger T	Closed
<b>11357</b> 353 ONLNE <i>Accelerating Opportunity KS</i>	-----	-	01/17/17-05/19/17	Online	Klinger T	Closed
<b>11358</b> 354 ONLNE <i>Accelerating Opportunity KS</i>	-----	-	01/17/17-05/19/17	Online	Redburn B	Closed
<b>11359</b> 355 ONLNE <i>Accelerating Opportunity KS</i>	-----	-	01/17/17-05/19/17	Online	Redburn B	Closed
<b>11360</b> 356 ONLNE	-----	-	01/17/17-05/19/17	Online	Rader M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Accelerating Opportunity KS</i>						
11361 357 ONLNE	-----	-	01/17/17-05/19/17	Online	Ward A	Closed
<i>Accelerating Opportunity KS</i>						
11362 358 ONLNE	-----	-	01/17/17-05/19/17	Online	Darrow R	Closed
<i>Accelerating Opportunity KS</i>						
13140 359 ONLNE	-----	-	03/20/17-05/14/17	Online	Bowman C	Closed
<i>Accelerating Opportunity KS</i>						

## 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](http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11363 001 F2F	-T-R--	09:30-10:45 AM	01/17/17-05/19/17	CC 324	Schwartz L	Closed
11364 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Redburn B	Closed
11365 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Schwartz L	Closed

## PSYC 209 - Statistics in Psychological Research

This course introduces the use of statistics as applied to various research designs. The course "Methodology in Psychology" (PSYC210) and this course are designed for those planning to major in psychology. A wide range of statistical methods are used to analyze data collected in psychological research. Examples of different kinds of statistical methods will be used in this course to analyze data, informing the student of how to apply the proper statistical methods to data examples. Descriptive and inferential statistical methods with both parametric and nonparametric statistical tools are studied. The course emphasis is on which statistical tests are appropriate for transforming gathered observations into meaningful and useful information relevant to everyday life and the studies in various fields of psychology. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite:** PSYC 130 and MATH 171

Outline ([http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC\\_209](http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_209))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11366 001 F2F	--W----	04:00-06:50 PM	01/18/17-05/19/17	 KUE REGN 254	Bowman C	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_215))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11367 001 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	GEB 377	Hinson J	Closed
11368 002 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	GEB 377	Hinson J	Closed
11369 003 F2F	-T-R--	12:30-01:45 PM	01/17/17-05/19/17	SCI 212	Ladd B	Closed
11370 004 F2F	--W----	06:00-08:50 PM	01/18/17-05/19/17	GEB 377	Hinson J	Closed
11371 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Slessor R	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
11372 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Slessor R	Closed
11373 353 ONLNE	-----	-	01/17/17-05/19/17	Online	Hurst D	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_218))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11374 001 F2F <i>Accelerating Opportunity KS</i>	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	GEB 342	Pettitt J	Closed
11375 002 F2F <i>Accelerating Opportunity KS</i>	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	GEB 377	Peterson P	Closed
11376 003 F2F <i>Accelerating Opportunity KS</i>	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	GEB 377	Peterson P	Closed
11377 004 F2F <i>Accelerating Opportunity KS</i>	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	GEB 377	Peterson P	Closed
11378 005 F2F <i>Accelerating Opportunity KS</i>	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	GEB 377	Pettitt J	Closed
11379 006 F2F <i>Accelerating Opportunity KS</i>	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	GEB 377	Pettitt J	Closed
11380 007 F2F <i>Accelerating Opportunity KS</i>	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	GEB 377	Pettitt J	Closed
11381 008 F2F <i>Accelerating Opportunity KS</i>	-T-----	06:00-08:50 PM	01/17/17-05/19/17	GEB 377	Darrow R	Closed
11385 009 F2F <i>Accelerating Opportunity KS</i>	--W----	06:00-08:50 PM	01/18/17-05/19/17	GEB 342	DeJarnette D	Closed
11386 201 F2F <i>Accelerating Opportunity KS</i>	M-----	06:00-09:00 PM	01/30/17-05/19/17	GEB 377	Kelly D	Closed
11387 351 ONLNE <i>Accelerating Opportunity KS</i>	-----	-	01/17/17-05/19/17	Online	Salvato M	Closed
11388 352 ONLNE <i>Accelerating Opportunity KS</i>	-----	-	01/17/17-05/19/17	Online	Salvato M	Closed
11389 353 ONLNE <i>Accelerating Opportunity KS</i>	-----	-	01/17/17-05/19/17	Online	Klinger T	Closed
11390 354 ONLNE <i>Accelerating Opportunity KS</i>	-----	-	01/17/17-05/19/17	Online	Klinger T	Closed
12673 355 ONLNE <i>Accelerating Opportunity KS</i>	-----	-	01/17/17-05/19/17	Online	Salvato M	Closed

## 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 \(http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC\\_220\)](http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11391 001 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	SCI 124	Ward A	Closed

## PSYC 250 - Health Psychology

This course covers content, methods and theory regarding the interplay between psychological and biological determinants of health and illness and examines how these factors relate to health status. The course focus is on the application of psychological methods, principles of maintenance of health, prevention of disease, treatment of illness, and rehabilitation and recovery from impaired health. It follows an interdisciplinary approach to content and instruction. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite:** PSYC 130

[Outline \(http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC\\_250\)](http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11393 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Rader M	Closed

## Respiratory Care

### RC 136 - Cardiopulmonary Diseases

This course provides a detailed review of pulmonary disorders with disease pathology and management. The information provided allows students to integrate assessment and treatment of cardiopulmonary disease states as well as the physiological response to cardiopulmonary diseases. The role of a respiratory care practitioner in disease management is defined. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Requirement:** Admission to the Respiratory Care Program, Prerequisites: RC 120 and RC 124 and RC 131 (All courses must be completed with a grade of "C" or higher.)  
Corequisites: RC 140 and RC 145 and RC 146

[Outline \(http://catalog.jccc.edu/coursedescriptions/rc/#RC\\_136\)](http://catalog.jccc.edu/coursedescriptions/rc/#RC_136)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12588 001 F2F	--W----	12:00-03:00 PM	01/17/17-05/19/17	 OHEC 119	Oestreich K Portmann R	Closed

*Kansas Senate Bill SB 155*


### RC 140 - Respiratory Care Pharmacology

This course acquaints the student with general principles of pharmacology. It provides a comprehensive review of all drugs and drug groups that are administered by respiratory care practitioners or play an integral part in the management of patients they encounter. Emphasis is on the respiratory care clinical application of pharmacological agents, their therapeutic effects, mechanism of action and adverse effects rather than the biochemistry involved. 2 hrs. lecture/wk.

**Credit Hours:** 2

**Requirement:** Admission to the Respiratory Care Program, Prerequisites: RC 120 and RC 124 and RC 131 (All courses must be completed with a grade of "C" or higher.)  
Corequisites: RC 136 and RC 145 and RC 146

[Outline \(http://catalog.jccc.edu/coursedescriptions/rc/#RC\\_140\)](http://catalog.jccc.edu/coursedescriptions/rc/#RC_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12589 376 HYB	-----	-	01/17/17-05/19/17	Online	Sanner C Portmann R	Closed
	M-----	08:00-09:50 AM	01/23/17-05/19/17	 OHEC 119		

*Kansas Senate Bill SB 155*

### RC 145 - Cardiopulmonary Critical Care I

The student will develop knowledge and skills in the area of hospital critical care. Topics will include respiratory failure, airway management, mechanical ventilation and hemodynamic monitoring. Emphasis will be placed on the concepts and techniques related to mechanical ventilation, ventilator modes, the physiological effects of mechanical ventilation, adjustment of ventilator parameters, nonconventional ventilation techniques and troubleshooting. 3 hrs. lecture and 2.5 hrs. lab/wk.

**Credit Hours:** 5



**Requirement:** Admission to the Respiratory Care Program, Prerequisites: RC 120 and RC 124 and RC 131 (All courses must be completed with a grade of "C" or higher.)  
**Corequisites:** RC 136 and RC 140 and RC 146

Outline ([http://catalog.jccc.edu/coursedescriptions/rc/#RC\\_145](http://catalog.jccc.edu/coursedescriptions/rc/#RC_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12590 001 F2F	--W----	08:00-11:00 AM	01/18/17-05/19/17	OHEC 119	Murray J Oestreich K Portmann R	Closed
	M-----	10:00-12:00 PM	01/23/17-05/19/17	OHEC 119		

Kansas Senate Bill SB 155

## RC 146 - Pediatric/Neonatal Respiratory Care

The focus will be on the respiratory care of neonatal and pediatric patients, with emphasis on the management of cardiopulmonary disease states unique to children. Information will be based on developmental anatomy and physiology, pathology, diagnostic and laboratory assessments, and associated patient management in the acute, critical, emergency care, transport and home care settings. 2 hrs. lecture/wk.

**Credit Hours:** 2

**Requirement:** Admission to the Respiratory Care Program, Prerequisites: RC 120 and RC 124 and RC 131 (All courses must be completed with a grade of "C" or higher.)  
**Corequisites:** RC 136 and RC 140 and RC 145

Outline ([http://catalog.jccc.edu/coursedescriptions/rc/#RC\\_146](http://catalog.jccc.edu/coursedescriptions/rc/#RC_146))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12591 001 F2F	M-----	01:00-03:00 PM	01/23/17-05/19/17	OHEC 119	Oestreich K Portmann R	Closed

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. 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](http://catalog.jccc.edu/coursedescriptions/rdg/#RDG_126))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12084 002 F2F	M-W----	09:00-10:15 AM	01/18/17-05/19/17	LIB 353B	Parra L	Closed
12085 003 F2F	M-W----	10:00-11:35 AM	01/30/17-05/19/17	CC 321	Graham L	Closed
12086 004 F2F	M-W----	11:00-12:15 PM	01/18/17-05/19/17	CC 344	Rottinghaus D	Closed
12125 006 F2F	M-W----	01:00-02:15 PM	01/18/17-05/19/17	CC 329	Rottinghaus D	Closed
12126 007 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	CC 321	Franklin S	Closed
12127 008 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CC 321	Sawyer C	Closed
12128 009 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	CC 321	Franklin S	Closed
12130 011 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CC 321	Parra L	Closed
12131 012 F2F	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	CC 321	Creason L	Closed
12132 013 F2F	--W----	06:00-09:15 PM	02/01/17-05/19/17	CC 321	McCall S	Closed
12133 014 F2F	---R---	06:00-09:15 PM	02/02/17-05/19/17	CC 321	Steel S	Closed
12136 017 F2F	-----S-	09:00-11:50 AM	01/21/17-05/19/17	CC 321	Graham L	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
12137 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Creason L	Closed

Note: Students should be able to work independently and complete assignments by due dates. See the Online Course information Guide for more detailed information or contact the instructor at lcreason@jccc.edu

## Religion

### REL 120 - Exploring World Religions ▶

This course is a comparative study of the world's major religious traditions. The basic beliefs of Hinduism, Buddhism, Confucianism, Daoism, Judaism, Christianity and Islam will be explored. A comparative framework for religious studies will be provided, and essential differences between Eastern and Western religions will be noted. Literary texts and iconographic images will be studied as appropriate. 3 hrs. lecture/wk.

**Credit Hours:** 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/rel/#REL\\_120\)](http://catalog.jccc.edu/coursedescriptions/rel/#REL_120)

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
11009 001 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CC 338	Bevell Hull M	Closed
11010 002 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	CC 338	Hoare T	Closed
11011 003 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CC 338	Hoare T	Closed
11012 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Robertson M	Closed
11013 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Robertson M	Closed
11014 353 ONLNE	-----	-	01/17/17-05/19/17	Online	Boucher D	Closed

### 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 \(http://catalog.jccc.edu/coursedescriptions/rel/#REL\\_125\)](http://catalog.jccc.edu/coursedescriptions/rel/#REL_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11015 001 F2F	-T-R---	03:30-04:45 PM	01/17/17-05/19/17	GEB 317	Hoare T	Closed

### 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 \(http://catalog.jccc.edu/coursedescriptions/rel/#REL\\_126\)](http://catalog.jccc.edu/coursedescriptions/rel/#REL_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11016 001 F2F	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	CC 338	Bevell Hull M	Closed

## Railroad Operations

### RRT 150 - Railroad Operations

This course includes information about the industry, its major assets, structure and typical operations. Upon successful completion of this course, students will be able to define the current North American railroading industry characteristics, basic operations components and processes, and industry structure and administrative processes. 3 hrs. lecture/wk. This course is only taught in the spring semester.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/rrt/#RRT\\_150](http://catalog.jccc.edu/coursedescriptions/rrt/#RRT_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12698 350 ONLINE	-----	-	01/17/17-05/19/17	Online	Wapp D Murphy-Latta T	Closed

Kansas Senate Bill SB 155

## RRT 165 - Railroad Safety, Quality and Environment

This course covers the importance of safety, quality, personal health and environmental awareness to the railroad industry and emphasizes the basic tools and techniques for improving these conditions on the job. Upon successful completion of this course, students should be able to define and explain the need for improved safety, quality, health and environmental awareness; describe their basic principles; explain the elements of successful programs; and apply these elements to typical tasks on the job. 3 hrs. lecture/wk. This course is only taught in the spring semester.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/rrt/#RRT\\_165](http://catalog.jccc.edu/coursedescriptions/rrt/#RRT_165))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12699 350 ONLINE	-----	-	01/17/17-05/19/17	Online	Wapp D Murphy-Latta T	Closed

Kansas Senate Bill SB 155

## Railroad Conductor

### RRTC 123 - Introduction to Conductor Service

This is an introductory course for the conductor service option within the railroad operations program. Upon successful completion of this course, the student should be able to describe railroad organization and general operations, policies and practices to ensure railroad safety, and the basic responsibilities of conductors. 4 hrs. lecture, demonstration/wk. Selective admission program - see a counselor about special requirements.

**Credit Hours:** 4

**Prerequisite:** Admission to the JCCC railroad operations program, conductor option, or JCCC NARS Director Approval

Outline ([http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC\\_123](http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12721 001 F2F	MTWRF--	08:00-05:00 PM	02/06/17-02/10/17		Brown T	Closed

Kansas Senate Bill SB 155

### RRTC 175 - Conductor Mechanical Operation

This course covers mechanical operations that relate to conductor service. Upon successful completion of this course, the student should be able to describe the importance and application of freight care mechanical policies and practices to ensure safe railroad operations. 2.5 hrs. lecture/wk. Selective admission program - see a counselor about special requirements.

**Credit Hours:** 2

**Associated Costs:** \$36

**Prerequisites:** Admission to the JCCC railroad operations program, conductor option, or JCCC NARS Director approval.

Outline ([http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC\\_175](http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC_175))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12722 001 F2F	MTWRF--	08:00-05:00 PM	02/13/17-02/17/17		Brown T	Closed

Kansas Senate Bill SB 155

### RRTC 261 - Conductor Service

Upon successful completion of this course, the student should be able to describe and apply railroad organization and general operations, policies and practices to ensure railroad safety and basic responsibilities of conductors. This course includes safety and the general rules with which conductors must comply and teaches the techniques and administrative procedures conductors use on the job to perform safely and effectively. 2.5 hrs. lecture/wk. Selective admission program - see a counselor about special requirements.

**Credit Hours:** 2

**Prerequisite:** Admission to the JCCC railroad operations program, conductor option, or JCCC NARS Director approval.

Outline ([http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC\\_261](http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC_261))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12723 001 F2F	MTWRF--	08:00-05:00 PM	02/20/17-02/24/17		Brown T	Closed

Kansas Senate Bill SB 155

## RRTC 263 - General Code of Operating Rules

Conductors must maintain a thorough understanding of the General Code of Operating Rules (GCOR). This course provides an in-depth study of the GCOR. Upon completion of this course, the student should be able to demonstrate abilities to apply the General Code of Operating Rules to safe and efficient train movement and operations. 4 hrs. lecture/wk. Selective admission program - see a counselor about special requirements.

**Credit Hours:** 4

**Associated Costs:** \$60

**Prerequisite:** Admission to the JCCC railroad operations program, conductor option, and JCCC NARS Director approval.

Outline ([http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC\\_263](http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC_263))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12725 001 F2F	MTWRF--	08:00-05:00 PM	03/06/17-03/17/17		Brown T	Closed

## RRTC 267 - Conductor Field Application

Upon successful completion of this course, the student will have observed actual operations and be able to apply skills learned in classroom-based instruction to those operations. The student will observe and perform operations under the supervision of experienced conductor mentors in an actual field location.

**Credit Hours:** 4

**Associated Costs:** \$200

**Prerequisite:** Admission to the JCCC railroad operations program, conductor option or National Academy of Railroad Sciences (NARS) Director Approval

Outline ([http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC\\_267](http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC_267))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12724 381 HYB	Lab MTWRF--	08:00-05:00 PM	02/27/17-03/03/17		McNay R Brown T	Closed
	-----	-	02/27/17-05/28/17	Online		

Kansas Senate Bill SB 155

## Sustainable Agriculture

### SAG 274 - Sustainable Agriculture Spring Practicum

Through practical experience complemented by lectures and discussions, students will gain exposure to a broad range of tasks facing the market farmer during the winter and early spring seasons. This includes production and marketing of winter crops and planning and production of spring and summer crops in high tunnels and open field and marketing these spring crops. Topics include production planning, planting, integrated crop management, harvest and postharvest practices, marketing through various channels, tools and equipment, soil fertility management and record keeping. Practicum activities will integrate with other courses in this market farming certificate program. Students will learn both conventional and organic production techniques. Entrepreneurship will be emphasized throughout. 7 hrs practicum/wk.

**Credit Hours:** 2

Outline ([http://catalog.jccc.edu/coursedescriptions/sag/#SAG\\_274](http://catalog.jccc.edu/coursedescriptions/sag/#SAG_274))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11158 001 F2F	-T-----	01:00-01:50 PM	01/17/17-05/19/17	HSC 124	Zimmermann C	Closed
	Lab -T-----	02:00-04:50 PM	01/17/17-05/19/17	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](http://catalog.jccc.edu/coursedescriptions/soc/#SOC_122))

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10004 001 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	GEB 375	Grinter B	Closed
10007 002 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	ATB 127	Grinter B	Closed
10009 003 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	GEB 375	Divney J	Closed
10011 004 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	GEB 375	Divney J	Closed
10013 005 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	CC 126B	Spence J	Closed
10014 006 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	GEB 375	Spence J	Closed
10015 007 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	GEB 342	Foster M	Closed
10016 008 F2F	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	GEB 375	Divney J	Closed
10017 009 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	GEB 375	Zale S	Closed
10018 010 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	GEB 240	Killeen J	Closed
10019 011 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	GEB 375	Zale S	Closed
10020 012 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	GEB 375	Divney J	Closed
10021 013 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	OCB 144	Shafer S	Closed
10023 014 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	GEB 375	Spence J	Closed
10024 015 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	GEB 240	Zirkle B	Closed
10026 016 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	PA 133	Killeen J	Closed
10029 017 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	GEB 240	Zirkle B	Closed
10031 019 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	GEB 240	Shafer S	Closed
10032 020 F2F	M-W-F--	02:00-02:50 PM	01/18/17-05/19/17	GEB 375	Foster M	Closed
10035 021 F2F	M-----	06:00-08:50 PM	01/23/17-05/19/17	GEB 375	Whitman L	Closed
10095 022 F2F	--W----	06:00-08:50 PM	01/18/17-05/19/17	GEB 375	Whitman L	Closed
10096 201 F2F	-T-----	06:00-09:00 PM	01/31/17-05/19/17	GEB 375	Seiler C	Closed
10097 202 F2F	M-W----	01:00-03:50 PM	03/20/17-05/10/17	CC 352	Grinter B	Closed
12677 203 F2F	M-W----	04:00-06:50 PM	03/20/17-05/10/17	CC 338	Zale S	Closed
<i>Two x 2 x 2</i>						
10098 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Ketter T	Closed
10099 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Ketter T	Closed
10100 353 ONLNE	-----	-	01/17/17-05/19/17	Online	Ketter T	Closed
10101 354 ONLNE	-----	-	01/17/17-05/19/17	Online	Pant R	Closed
10103 355 ONLNE	-----	-	01/17/17-05/19/17	Online	Pant R	Closed
10104 356 ONLNE	-----	-	01/17/17-05/19/17	Online	Burbidge S	Closed
12158 357 ONLNE	-----	-	01/17/17-05/19/17	Online	Blobaum E	Closed

This section's title is **Introduction to Sociology-Honors**.

### Honors Course

Note: This is an honors section. Enrollment is by permission, requiring a minimum GPA of 3.5 and department approval. Course objectives and competencies remain the same as for other SOC 122 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](mailto:honors@jccc.edu) or 913-469-8500 ext. 2434.

CRN	Days	Time	Date	Location	Instructor	Seats Open
13051 358 ONLNE	-----	-	03/20/17-05/14/17	Online	Killeen J	Closed
10105 426 SEL	-----	-	01/17/17-05/18/18	Self Paced	Grinter B	2 of 6

Deadline for enrollment in this course for the Spring Semester is April 1, 2017.  
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 \(http://catalog.jccc.edu/coursedescriptions/soc/#SOC\\_125\)](http://catalog.jccc.edu/coursedescriptions/soc/#SOC_125)  Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10106 001 F2F	-T-R--	11:00-12:15 PM	01/17/17-05/19/17	GEB 240	Zirkle B	Closed
10107 002 F2F	-T-R--	12:30-01:45 PM	01/17/17-05/19/17	GEB 240	Zirkle B	Closed
10108 003 F2F	-T-R--	02:00-03:15 PM	01/17/17-05/19/17	GEB 240	Foster M	Closed
10109 004 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	GEB 240	Zirkle B	Closed
10110 005 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	GEB 375	Foster M	Closed
10111 006 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	GEB 375	Foster M	Closed
10112 007 F2F	--W---	06:00-08:50 PM	01/18/17-05/19/17	GEB 240	Seiler C	Closed
10113 201 F2F	---R---	06:00-09:00 PM	01/19/17-05/19/17	GEB 240	Seiler C	Closed
10114 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Petrovic U	Closed
10115 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Petrovic U	Closed
10116 353 ONLNE	-----	-	01/17/17-05/19/17	Online	Burbidge S	Closed

## 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 \(http://catalog.jccc.edu/coursedescriptions/soc/#SOC\\_127\)](http://catalog.jccc.edu/coursedescriptions/soc/#SOC_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11404 001 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	PA 145	Divney J	Closed
11459 002 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	PA 145	Ashman C	Closed
11464 003 F2F	-T-R--	11:00-12:15 PM	01/17/17-05/19/17	PA 145	Ladd G	Closed
11466 201 F2F	M-----	06:00-09:00 PM	01/30/17-05/19/17	PA 133	Gabrielson J	Closed
11474 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Gabrielson J	Closed
11477 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Galbrecht F	Closed

## 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 \(http://catalog.jccc.edu/coursedescriptions/soc/#SOC\\_131\)](http://catalog.jccc.edu/coursedescriptions/soc/#SOC_131)  Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10117 001 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	GEB 240	Pant R	Closed
10118 002 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	PA 144	Burbidge S	Closed
10119 003 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	GEB 242	Divney J	Closed
10120 201 F2F	-T-----	06:00-09:00 PM	01/31/17-05/19/17	GEB 240	Whitman L	Closed
10121 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Blobaum E	Closed
10122 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Blobaum E	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/soc/#SOC_146))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10123 001 F2F	---R---	06:00-08:50 PM	01/19/17-05/19/17	GEB 375	Kircher J	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/soc/#SOC_147))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10124 001 F2F	---R---	02:00-04:50 PM	01/19/17-05/19/17	OCB 144	Kircher J	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/soc/#SOC_180))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10125 001 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	SCI 212	Petrovic U	Closed

## SOC 205 - Sociology of Food

Through this exploration of food in society, students will discover the fundamental significance of the relationships between people and food. In studying the ways food is produced and consumed, we will also discover the ways food shapes and expresses relationships among people. This most basic of human needs is easily taken for granted by those who have plenty, while the causes of hunger are easily dismissed or misunderstood. This course will address such misunderstandings, as well as issues of culture, meaning, identity, power, and ecology, all through a focus on food. 3 hrs. lecture/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/soc/#SOC\\_205](http://catalog.jccc.edu/coursedescriptions/soc/#SOC_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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10126 351 ONLNE ----- - 01/17/17-05/19/17 Online Shafer S Closed

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)

Table with 7 columns: CRN, Days, Time, Date, Location, Instructor, Seats Open. Rows include course sections 12433, 12468, 12435, 12436, 12437, and 12439.

Two x 2 x 2

Note: SPD 120 007 is an eight-week class and part of the Two x 2 x 2 degree program schedule (however, any student can enroll in this course). It moves twice as fast in half the time so students can start the class at mid-semester and finish by the end of the term.

Table with 7 columns: CRN, Days, Time, Date, Location, Instructor, Seats Open. Rows include course sections 12440, 12441, 12442, 12443, 12444, 12445, 12446, and 12448.

Note: SPD 120 350 is a completely online section; there are no campus meetings. Students will use D2L to access course materials, submit written work, participate in class discussion and communicate with the instructor and other students in the class. There are specific deadlines for the course. The course is not self-paced. For more information, contact the instructor, Rebecca Anderson, at 913-469-8500, ext. 4108, or e-mail randerso@jccc.edu.

Table with 7 columns: CRN, Days, Time, Date, Location, Instructor, Seats Open. Row includes course section 12451.

Note: SPD 120 351 is a completely online section; there are no campus meetings. Students will use D2L to access course materials, submit written work, participate in class discussion and communicate with the instructor and other students in the class. There are specific deadlines for the course. The course is not self-paced. For more information, contact the instructor, Rebecca Anderson, at 913-469-8500, ext. 4108, or e-mail randerso@jccc.edu.

Table with 7 columns: CRN, Days, Time, Date, Location, Instructor, Seats Open. Row includes course section 12452.

Table with 7 columns: CRN, Days, Time, Date, Location, Instructor, Seats Open. Row includes course section 12453.

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, Meredith Gibbens, at 913-469-8500, ext. 5305, or e-mail mgibbens@jccc.edu.

Table with 7 columns: CRN, Days, Time, Date, Location, Instructor, Seats Open. Row includes course section 12454.

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.

Table with 7 columns: CRN, Days, Time, Date, Location, Instructor, Seats Open. Row includes course section 12455.

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, Emily Sewell, at 913-469-8500, ext. 5336, or e-mail esewell2@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](http://catalog.jccc.edu/coursedescriptions/spd/#SPD_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12467 001 F2F	M-W-F--	08:00-08:50 AM	01/18/17-05/19/17	CC 216	Mohr M	Closed
12470 003 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CC 216	Mohr M	Closed
12471 004 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CC 312	Rose S	Closed
12472 005 F2F	M-W-F--	09:00-09:50 AM	01/18/17-05/19/17	CC 331	Coupe K	Closed
12474 007 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CC 331	Vasquez A	Closed
12475 008 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CC 312	Rose S	Closed
12476 009 F2F	M-W-F--	10:00-10:50 AM	01/18/17-05/19/17	CC 216	Mohr M	Closed
12478 011 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	CC 216	Young M	Closed
12479 012 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	CC 331	Vasquez A	Closed
12480 013 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	CC 312	Rose S	Closed
12482 015 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	CC 318	Welsch L	Closed
12483 016 F2F	M-W-F--	12:00-12:50 PM	01/18/17-05/19/17	CC 216	Young M	Closed
12485 018 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	CC 318	Welsch L	Closed
12486 019 F2F	M-W-F--	01:00-01:50 PM	01/18/17-05/19/17	CC 216	Rose T	Closed
12488 021 F2F	M-W----	09:00-10:15 AM	01/18/17-05/19/17	CC 318	Naeymi D	Closed
12489 022 F2F	M-W----	10:30-11:45 AM	01/18/17-05/19/17	CC 318	Naeymi D	Closed
12490 023 F2F	M-W----	01:00-02:15 PM	01/18/17-05/19/17	CC 312	Hilton M	Closed
12491 024 F2F	M-W----	02:00-03:15 PM	01/18/17-05/19/17	CC 331	Wichman T	Closed
12492 025 F2F	M-W----	02:30-03:45 PM	01/18/17-05/19/17	CC 312	Hilton M	Closed
12494 027 F2F	M-W----	04:00-05:15 PM	01/18/17-05/19/17	CC 312	Hilton M	Closed
12495 028 F2F	--W-F--	10:00-11:15 AM	01/18/17-05/19/17	CC 325	Coupe K	Closed
12496 029 F2F	--W-F--	11:30-12:45 PM	01/18/17-05/19/17	CC 325	Coupe K	Closed
12497 030 F2F	--W-F--	01:00-02:15 PM	01/18/17-05/19/17	CC 325	Coupe K	Closed
12498 031 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	CC 216	Stout D	Closed
12499 032 F2F	-T-R---	08:00-09:15 AM	01/17/17-05/19/17	CC 331	Hubbard S	Closed
12501 034 F2F	-T-R---	08:00-10:50 AM	03/21/17-05/11/17	CC 325	Fagan M	Closed
12502 035 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	GEB 238	Stanley J	Closed

This section's title is **Public Speaking Honors**.

*Honors Course*

Note: This is an honors section. Enrollment is by permission, requiring a minimum GPA of 3.5 and department approval. Course objectives and competencies remain the same as for other SPD 121 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](mailto:honors@jccc.edu) or 913-469-8500 ext. 2434.

12503 036 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CC 216	Stout D	Closed
12504 037 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CC 331	Hubbard S	Closed
12506 039 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	CC 312	Miller D	Closed
12507 040 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	CC 216	Stanley J	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
12509 042 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CC 216	Stanley J	Closed
12510 043 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CC 312	Miller D	Closed
12511 044 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CC 331	Broxterman P	Closed
12513 046 F2F	-T-R---	02:00-03:15 PM	01/17/17-05/19/17	CC 312	Buta C	Closed
12517 048 F2F	M-----	03:00-05:50 PM	01/23/17-05/19/17	CC 216	Geiger W	Closed
12518 049 F2F	M-----	06:00-08:50 PM	01/23/17-05/19/17	CC 216	Heapes T	Closed
12520 051 F2F	M-W----	07:00-09:50 PM	03/20/17-05/10/17	CC 318	Kiser M	Closed
12521 052 F2F	-T-----	06:00-08:50 PM	01/17/17-05/19/17	CC 331	Schaefer M	Closed
12524 055 F2F	--W----	06:00-08:50 PM	01/18/17-05/19/17	CC 216	Patrick B	Closed
12527 058 F2F	---R---	06:00-09:05 PM	02/02/17-05/19/17	DSH 210	Broxterman P	Closed
12529 350 ONLNE	-----	-	01/30/17-05/19/17	Online	Anderson R	Closed
	M-----	05:30-09:30 PM	04/03/17-04/03/17	Online		
	M-----	05:30-09:30 PM	04/24/17-04/24/17	Online		
Note: SPD 121 350 is an online course that 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 speeches through two methods throughout the course, which are designated for each speech assignment: web-conferencing software and uploaded recorded videos students given in front of their own audience (minimum of 6 people). Students are required to be online for the 2 mandatory dates/times listed above for the course for web-conferencing sessions. The course will be available in D2L the first day of class and you must log into the course via D2L to get started. More information will be sent to student's JCCC stumail account from the instructor periodically before the class begins, so please check the JCCC stumail account regularly. For more information, please contact the instructor, Rebecca Anderson at randers@jccc.edu						
12530 351 ONLNE	-----	-	01/30/17-05/19/17	Online	Easley-Giraldo T	Closed
	-T-----	06:00-10:00 PM	05/02/17-05/02/17	Online		
	-T-----	06:00-10:00 PM	05/09/17-05/09/17	Online		
Note: SPD 121 351 is an online course that 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 speeches through two methods throughout the course, which are designated for each speech assignment: web-conferencing software and uploaded recorded videos students given in front of their own audience (minimum of 6 people). Students are required to be online for the 2 mandatory dates/times listed above for the course for web-conferencing sessions. The course will be available in D2L the first day of class and you must log into the course via D2L to get started. More information will be sent to student's JCCC stumail account from the instructor periodically before the class begins, so please check the JCCC stumail account regularly. For more information, please contact the instructor, Terri Easley-Giraldo at teasley3@jccc.edu						
12531 376 HYB	-----	-	01/17/17-03/12/17	Online	Anderson R	Closed
	M-----	10:00-12:50 PM	02/13/17-02/13/17	CC 325		
	M-----	10:00-12:50 PM	02/20/17-02/20/17	CC 325		
	M-----	10:00-12:50 PM	02/27/17-02/27/17	CC 325		
	M-----	10:00-12:50 PM	03/06/17-03/06/17	CC 325		
Note: SPD 121 376 will incorporate the same content and expectations as the traditional on-campus public speaking course. This is an accelerated, hybrid online course in which students will use D2L to complete assignments, quizzes and communication functions. The course begins January 17th when the online course will be made available through D2L. Online assignments and quizzes will be due the first week of class so students must log on immediately after the course becomes available. There are four required class meetings listed above. The course ends on March 12th. For more information, contact the instructor, Rebecca Anderson, at randers@jccc.edu or 913/469-8500, ext. 4108.						
12532 377 HYB	-----	-	02/13/17-04/16/17	Online	Anderson R	Closed
	M-----	10:00-12:50 PM	03/20/17-03/20/17	CC 325		
	M-----	10:00-12:50 PM	03/27/17-03/27/17	CC 325		
	M-----	10:00-12:50 PM	04/03/17-04/03/17	CC 325		
	M-----	10:00-12:50 PM	04/10/17-04/10/17	CC 325		
Note: SPD 121 377 will incorporate the same content and expectations as the traditional on-campus public speaking course. This is an accelerated, hybrid online course in which students will use D2L to complete assignments, quizzes and communication functions. The course begins February 13th when the online course will be made available through D2L. Online assignments and quizzes will be due the first week of class so students must log on immediately after the course becomes available. There are four required class meetings listed above. The course ends on April 16th. For more information, contact the instructor, Rebecca Anderson, at randers@jccc.edu or 913/469-8500, ext. 4108.						
12534 379 HYB	-----	-	01/17/17-05/19/17	Online	Miller D	Closed
	-T-----	03:00-05:50 PM	02/21/17-02/21/17	CC 325		
	-T-----	03:00-05:50 PM	03/21/17-03/21/17	CC 325		
	-T-----	03:00-05:50 PM	04/11/17-04/11/17	CC 325		
	-T-----	03:00-05:50 PM	05/02/17-05/02/17	CC 325		
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.						
12536 381 HYB	-----	-	01/23/17-05/19/17	Online	Miller D	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
	-T----	06:00-08:50 PM	02/28/17-02/28/17	CC 318		
	-T----	06:00-08:50 PM	03/28/17-03/28/17	CC 318		
	-T----	06:00-08:50 PM	04/18/17-04/18/17	CC 318		
	-T----	06:00-08:50 PM	05/09/17-05/09/17	CC 318		

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, January 23, 2017. For more information, contact the instructor, Myra Young, at myyoung@jccc.edu or 913-469-8500, ext. 4128.

<b>12537</b> 382 HYB	-----	-	01/17/17-05/19/17	Online	Easley-Giraldo T	Closed
	--W----	06:00-08:50 PM	02/15/17-02/15/17	CC 325		
	--W----	06:00-08:50 PM	03/08/17-03/08/17	CC 325		
	--W----	06:00-08:50 PM	04/05/17-04/05/17	CC 325		
	--W----	06:00-08:50 PM	04/26/17-04/26/17	CC 325		

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 Desire2Learn (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 the first day of class, January 17, 2017. You must log into the course via D2L to get started. For more information, please contact the instructor, Terri Easley-Giraldo at teasley3@jccc.edu.

<b>12538</b> 383 HYB	-----	-	01/17/17-05/19/17	Online	Easley-Giraldo T	Closed
	--W----	06:00-08:50 PM	02/22/17-02/22/17	CC 325		
	--W----	06:00-08:50 PM	03/22/17-03/22/17	CC 325		
	--W----	06:00-08:50 PM	04/12/17-04/12/17	CC 325		
	--W----	06:00-08:50 PM	05/03/17-05/03/17	CC 325		

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 Desire2Learn (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 the first day of class, January 17, 2017. You must log into the course via D2L to get started. For more information, please contact the instructor, Terri Easley-Giraldo at teasley3@jccc.edu.

<b>12542</b> 387 HYB	-----	-	01/17/17-05/19/17	Online	Vasquez A	Closed
	-----S-	09:00-11:50 AM	02/25/17-02/25/17	CC 325		
	-----S-	09:00-11:50 AM	03/25/17-03/25/17	CC 325		
	-----S-	09:00-11:50 AM	04/22/17-04/22/17	CC 325		
	-----S-	09:00-11:50 AM	05/13/17-05/13/17	CC 325		

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](http://catalog.jccc.edu/coursedescriptions/spd/#SPD_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>12457</b> 001 F2F	M-W----	12:30-01:45 PM	01/18/17-05/19/17	CC 331	Wichman T	Closed
<b>12458</b> 002 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	CC 331	Hubbard S	Closed

## 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](http://catalog.jccc.edu/coursedescriptions/spd/#SPD_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12463 001 F2F	--W----	02:00-04:50 PM	01/18/17-05/19/17	CC 216	Stanley J Stout D	Closed

### 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](http://catalog.jccc.edu/coursedescriptions/spd/#SPD_132))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12464 001 F2F	--W----	02:00-04:50 PM	01/18/17-05/19/17	CC 216	Stanley J Stout D	Closed

### 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](http://catalog.jccc.edu/coursedescriptions/spd/#SPD_180))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12459 001 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CC 332	Schrag C	Closed
12460 350 ONLNE	-----	-	01/17/17-05/19/17	Online	Miller D	Closed

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.

12461 351 ONLNE	-----	-	01/30/17-05/19/17	Online	Easley-Giraldo T	Closed
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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, January 30, 2017. For more information, please contact the instructor, Terri Easley-Giraldo at teasley3@jccc.edu.

12462 352 ONLNE	-----	-	01/17/17-05/19/17	Online	Easley-Giraldo T	Closed
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### 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](http://catalog.jccc.edu/coursedescriptions/spd/#SPD_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12465 001 F2F	--W----	02:00-04:50 PM	01/18/17-05/19/17	CC 216	Stanley J Stout D	Closed

### 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](http://catalog.jccc.edu/coursedescriptions/spd/#SPD_235))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12466 001 F2F	--W----	02:00-04:50 PM	01/18/17-05/19/17	CC 216	Stanley J Stout D	Closed

## Theater

### THEA 120 - Introduction to Theater

Students will be introduced to a variety of theatrical experiences, which includes reading plays and analyzing live theatre performances. This course also offers opportunities to experience theatre through set construction, design, stage and costume crew, or acting if the student desires. 3 hrs. lecture/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/thea/#THEA\\_120](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_120))

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
10711 001 F2F	M-W-F--	11:00-11:50 AM	01/18/17-05/19/17	GEB 342	Noble T	Closed
10712 002 F2F	-T-R---	11:00-12:15 PM	01/17/17-05/19/17	GEB 342	Urban A	Closed
10713 351 ONLNE	-----	-	01/17/17-05/19/17	Online	Roose A	Closed
13049 353 ONLNE	-----	-	03/20/17-05/14/17	Online	Roose A	Closed

### 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](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10715 001 F2F	M-W----	11:30-12:45 PM	01/18/17-05/19/17	CC BLBOX	Pettigrew B	Closed
10717 003 F2F	-T-R---	09:30-10:45 AM	01/17/17-05/19/17	CC BLBOX	Crenshaw C	Closed

### 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](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10718 001 F2F	-T-R---	12:30-01:45 PM	01/17/17-05/19/17	CC BLBOX	Urban A	Closed
10719 002 F2F	M-W----	04:00-05:15 PM	01/18/17-05/19/17	CC 232	Noble T	Closed

## 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 \(http://catalog.jccc.edu/coursedescriptions/thea/#THEA\\_133\)](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_133)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10720 501 INT	-----	-	01/17/17-05/19/17		Terry A	8 of 10

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 \(http://catalog.jccc.edu/coursedescriptions/thea/#THEA\\_134\)](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10721 501 INT	-----	-	01/17/17-05/19/17		Pettigrew B	6 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.

**Credit Hours:** 2

**Associated Costs:** \$30 to 60

[Outline \(http://catalog.jccc.edu/coursedescriptions/thea/#THEA\\_135\)](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10722 001 F2F	M-----	04:00-05:50 PM	01/23/17-05/19/17	CC 296	Flaharty G	Closed

## THEA 145 - Introduction to Theater Design

This lecture and studio class introduces the theory and practice of theater design and the graphics and standards of entertainment technology. Emphasis will be on the processes and practices used in designing for the performing arts. Using course-taught computer and hand-based drawing techniques, the student will create a portfolio of his or her work through in-class projects. 2 hrs. lecture, 2 hrs. lab/wk. This course is typically offered in the spring semester.

**Credit Hours:** 3

**Associated Costs:** \$20 to 80

[Outline \(http://catalog.jccc.edu/coursedescriptions/thea/#THEA\\_145\)](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10724 001 F2F	M-W----	10:00-11:50 AM	01/18/17-05/19/17	CC 354	McNamara C	Closed

## 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 \(http://catalog.jccc.edu/coursedescriptions/thea/#THEA\\_209\)](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_209)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10725 001 F2F	M-W----	02:00-03:15 PM	01/18/17-05/19/17	OCB 142	Noble T	Closed

### THEA 230 - Acting II

This continuation of Acting I will focus on more in-depth character analysis and development, emphasizing the actor's responsibility in creating the character. 3 hrs./wk. plus rehearsals and performances. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite:** THEA 130

Outline ([http://catalog.jccc.edu/coursedescriptions/thea/#THEA\\_230](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10726 001 F2F	-T-R--	11:00-12:15 PM	01/17/17-05/19/17	CC BLBOX	Pettigrew B	Closed

### 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](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_233))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10728 501 INT	-----	-	01/17/17-05/19/17		Terry A	10 of 10

Requirement: Department approval

### THEA 250 - Introduction to Costume Design

This course is designed to instruct students on the concepts and realities of costume design. The course will provide hands-on design exercises that will include researching historical time periods, script reading and production analysis, costume rendering techniques, and presenting designs in a production meeting. This course is typically taught in the spring semester. 2 hrs. lecture and 2 hrs. lab/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/thea/#THEA\\_250](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10729 001 F2F	-T-R--	10:00-11:50 AM	01/17/17-05/19/17	CC 354	McNamara C	Closed

### 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](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_292))

CRN	Days	Time	Date	Location	Instructor	Seats Open
10730 001 F2F	-T-R--	09:30-10:45 AM	01/17/17-05/19/17	CLB 316	Schmidli M	Closed

This section's title is **Special Topics: Acting for the Camera.**

Acting for the Camera will focus on the nuances of Film Acting, as well as other aspects of recorded work, such as Commercials, Voice Overs and Hosting. Actors will learn techniques that will set them apart from their competition and give them an inside look at the process of film production from an actor's perspective.

10731 002 F2F	-T-R--	11:00-12:15 PM	01/17/17-05/19/17	CC 229	Terry A	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
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This section's title is **Special Topics: Electricity for the Theatre & Live Entertainment.**

In this course, we will cover the common uses and practices for implementing Alternating Current (AC) and Direct Current systems in the world of entertainment. We will cover how electricity is specifically used in Lighting, Sound, Props and Automation as well as how the electrical grid and distribution systems function. Students will get hands on experience with several electrical systems, testing and measuring AC and DC electrical systems, building small scale DC electronics, electrical cable construction and maintenance.

## 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](http://catalog.jccc.edu/coursedescriptions/web/#WEB_110))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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<b>12224</b> 001 F2F	-T-----	06:00-08:50 PM	01/17/17-05/19/17	RC 355	Lafferty P	<b>Closed</b>
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*Kansas Senate Bill SB 155  
Accelerating Opportunity KS*

<b>12225</b> 002 F2F	--W----	09:00-11:50 AM	01/18/17-05/19/17	RC 323	Lafferty P	<b>Closed</b>
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*Accelerating Opportunity KS  
Kansas Senate Bill SB 155*

Note: This section is intended for students applying for the accelerated TAACCT cohort program. For more information, contact Web chair Jim Hopper at [jhopper@jccc.edu](mailto:jhopper@jccc.edu) or ext. 3168 or Joan Curtis at ext. 3685. A TAACCT program application is required for course participation. Here is the link with directions. [https://secure.touchnet.com/C20110\\_ustores/web/product\\_detail.jsp?PRODUCTID=19058](https://secure.touchnet.com/C20110_ustores/web/product_detail.jsp?PRODUCTID=19058)

([https://secure.touchnet.com/C20110\\_ustores/web/product\\_detail.jsp?PRODUCTID=19058](https://secure.touchnet.com/C20110_ustores/web/product_detail.jsp?PRODUCTID=19058))

<b>12226</b> 003 F2F	-----S-	09:00-11:50 AM	01/21/17-05/19/17	RC 376	Lafferty P	<b>Closed</b>
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*Accelerating Opportunity KS  
Kansas Senate Bill SB 155*

<b>12227</b> 004 F2F	M-----	02:00-04:50 PM	01/23/17-05/19/17	RC 376	Hopper J	<b>Closed</b>
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*Accelerating Opportunity KS  
Kansas Senate Bill SB 155*

<b>12230</b> 350 ONLNE	-----	-	01/19/17-05/19/17	<b>Online</b>	Friedrichsen L	<b>Closed</b>
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*Kansas Senate Bill SB 155  
Accelerating Opportunity KS*

<b>12228</b> 376 HYB	---R---	09:00-11:50 AM	02/23/17-05/04/17	RC 353	Friedrichsen L	<b>Closed</b>
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	-----	-	02/23/17-05/04/17	<b>Online</b>		
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*Mandatory Classroom Meetings  
Accelerating Opportunity KS  
Kansas Senate Bill SB 155*

<b>12229</b> 377 HYB	---R---	02:00-04:50 PM	02/23/17-05/04/17	RC 323	Sindt R	<b>Closed</b>
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	-----	-	02/23/17-05/04/17	<b>Online</b>		
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*Mandatory Classroom Meetings  
Kansas Senate Bill SB 155  
Accelerating Opportunity KS*

### 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](http://catalog.jccc.edu/coursedescriptions/web/#WEB_112))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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<b>12231</b> 001 F2F	M-W----	12:00-01:20 PM	01/18/17-05/19/17	RC 323	Hopper J	<b>Closed</b>
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CRN	Days	Time	Date	Location	Instructor	Seats Open		
<i>Accelerating Opportunity KS</i>								
Note: This section is intended for students applying for the accelerated TAACCCT cohort program. For more information, contact Web chair Jim Hopper at <a href="mailto:jhopper@jccc.edu">jhopper@jccc.edu</a> or ext. 3168 or Joan Curtis at ext. 3685. A TAACCCT program application is required for course participation. Here is the link with directions. <a href="https://secure.touchnet.com/C20110_ustores/web/product_detail.jsp?PRODUCTID=19058">https://secure.touchnet.com/C20110_ustores/web/product_detail.jsp?PRODUCTID=19058</a> ( <a href="https://secure.touchnet.com/C20110_ustores/web/product_detail.jsp?PRODUCTID=19058">https://secure.touchnet.com/C20110_ustores/web/product_detail.jsp?PRODUCTID=19058</a> )								
12232	350	ONLNE	-----	-	01/20/17-05/19/17	Online	Maxwell M	Closed
<i>Accelerating Opportunity KS</i>								

## 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](http://catalog.jccc.edu/coursedescriptions/web/#WEB_114))

CRN	Days	Time	Date	Location	Instructor	Seats Open		
12233	001	F2F	M-----	09:00-10:50 AM	01/23/17-05/19/17	RC 323	Sindt R	Closed
<i>Kansas Senate Bill SB 155</i>								
<i>Accelerating Opportunity KS</i>								
Note: This section is intended for students applying for the accelerated TAACCCT cohort program. For more information, contact Web chair Jim Hopper at <a href="mailto:jhopper@jccc.edu">jhopper@jccc.edu</a> or ext. 3168 or Joan Curtis at ext. 3685. A TAACCCT program application is required for course participation. Here is the link with directions. <a href="https://secure.touchnet.com/C20110_ustores/web/product_detail.jsp?PRODUCTID=19058">https://secure.touchnet.com/C20110_ustores/web/product_detail.jsp?PRODUCTID=19058</a> ( <a href="https://secure.touchnet.com/C20110_ustores/web/product_detail.jsp?PRODUCTID=19058">https://secure.touchnet.com/C20110_ustores/web/product_detail.jsp?PRODUCTID=19058</a> )								
12234	002	F2F	--W----	06:00-08:50 PM	02/22/17-05/03/17	RC 355	Lafferty P	Closed
<i>Accelerating Opportunity KS</i>								
<i>Kansas Senate Bill SB 155</i>								
12235	350	ONLNE	-----	-	02/22/17-05/03/17	Online	Friedrichsen L	Closed
<i>Kansas Senate Bill SB 155</i>								
<i>Accelerating Opportunity KS</i>								

## 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](http://catalog.jccc.edu/coursedescriptions/web/#WEB_116))

CRN	Days	Time	Date	Location	Instructor	Seats Open		
12236	001	F2F	-T-R---	05:00-05:50 PM	01/17/17-05/19/17	RC 323	Lafferty P	Closed
<i>Accelerating Opportunity KS</i>								

## WEB 120 - Web Analytics

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

**Credit Hours:** 3

**Associated Costs:** \$10-\$15

**Prerequisite:** WEB 110

Outline ([http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_120](http://catalog.jccc.edu/coursedescriptions/web/#WEB_120))

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

## 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](http://catalog.jccc.edu/coursedescriptions/web/#WEB_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12239 001 F2F	----F--	02:00-04:50 PM	01/20/17-05/19/17	RC 323	Harn R	Closed

Kansas Senate Bill SB 155

## WEB 122 - CSS Techniques & Projects

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

**Credit Hours:** 3

**Associated Costs:** \$10-\$15

**Prerequisite:** WEB 110

Outline ([http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_122](http://catalog.jccc.edu/coursedescriptions/web/#WEB_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12240 001 F2F	M-----	06:00-08:50 PM	01/23/17-05/19/17	RC 323	Walla J	Closed

Kansas Senate Bill SB 155

13031 350 ONLNE	-----	-	02/27/17-05/19/17	Online	Walla J	Closed
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Kansas Senate Bill SB 155

## WEB 123 - Content Management Systems Strategies

This course will cover the basics of installing and configuring a Web Content Management System (CMS) to build blogs and websites. Students will use the CMS to perform many functions including installing plug-ins and assigning user permissions. 1 hr. lecture/wk.

**Credit Hours:** 1

**Associated Costs:** \$10-\$15

**Prerequisite:** WEB 110

Outline ([http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_123](http://catalog.jccc.edu/coursedescriptions/web/#WEB_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12241 001 F2F	--W----	02:00-02:50 PM	01/18/17-05/19/17	RC 376	Lafferty P	Closed

Kansas Senate Bill SB 155

## 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 \(http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_124\)](http://catalog.jccc.edu/coursedescriptions/web/#WEB_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12242 001 F2F	--W----	06:00-08:50 PM	02/22/17-05/03/17	RC 353	Sindt R	Closed
<i>Kansas Senate Bill SB 155</i>						
12243 350 ONLINE	-----	-	02/22/17-05/03/17	Online	Meigs R	Closed
<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 \(http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_125\)](http://catalog.jccc.edu/coursedescriptions/web/#WEB_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12244 001 F2F	---F--	11:00-01:50 PM	02/24/17-03/31/17	RC 323	Bandel W	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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 \(http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_126\)](http://catalog.jccc.edu/coursedescriptions/web/#WEB_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12245 001 F2F	--W----	06:00-08:50 PM	01/18/17-05/19/17	RC 323	Nord E	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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 \(http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_128\)](http://catalog.jccc.edu/coursedescriptions/web/#WEB_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12246 001 F2F	---R--	06:00-08:50 PM	02/23/17-05/04/17	RC 376	Schultz B	Closed
<i>Kansas Senate Bill SB 155</i>						
12247 350 ONLINE	-----	-	02/21/17-05/02/17	Online	Mein P	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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](http://catalog.jccc.edu/coursedescriptions/web/#WEB_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12248 350 ONLNE	-----	-	04/05/17-05/03/17	Online	Mahring B	Closed

*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](http://catalog.jccc.edu/coursedescriptions/web/#WEB_158))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12251 350 ONLNE	-----	-	01/19/17-02/16/17	Online	Baxter P	Closed

*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](http://catalog.jccc.edu/coursedescriptions/web/#WEB_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12259 001 F2F	---R---	06:00-08:50 PM	01/19/17-02/16/17	RC 376	Schultz B	Closed

*Kansas Senate Bill SB 155*

## 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](http://catalog.jccc.edu/coursedescriptions/web/#WEB_233))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12260 376 HYB	-T-----	01:00-04:50 PM	01/17/17-05/19/17	RC 323	Hopper J	Closed
	-----	-	01/17/17-05/19/17	Online		

*Mandatory Classroom Meetings*

## WEB 240 - HTML and CSS II

This course focuses on the latest generation of browser-based technologies for front-end design and development. Topics in the course include Cascading Style Sheets (CSS), HyperText Markup Language (HTML) elements, HTML Application Programming Interface (API), forms, audio and video, offline applications, Canvas drawing and animation, communication APIs, Web Sockets and Web Workers, Geolocation, local and session storage, Web Structured Query language (SQL) Database, and advanced topics such as mobile Web applications, performance analysis, browser issues and developer tools. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Associated Costs:** \$10-\$15

**Prerequisite:** WEB 124

Outline ([http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_240](http://catalog.jccc.edu/coursedescriptions/web/#WEB_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12261 001 F2F	-T-----	06:00-08:50 PM	01/17/17-05/19/17	RC 376	Sindt R	Closed

*Kansas Senate Bill SB 155*

## WEB 241 - Digital Management Methods

The course covers systems development methodologies and the phases of development process from an idea to a product. Students will learn methods and tools that are used in the process of developing web-based and digital media applications. The course will introduce the students to systems development life cycle and the basic skills needed in systems analysis, design and development. Students will deliver an integrated, strategic campaign that demonstrates innovative digital media mastery. Out-of-class collaboration is required to complete the final project. 3 hrs. lecture, 2 hrs. open lab/wk.

**Credit Hours:** 4

**Associated Costs:** \$10-\$15

**Prerequisite:** WEB 110

Outline ([http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_241](http://catalog.jccc.edu/coursedescriptions/web/#WEB_241))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12262 350 ONLINE	-----	-	01/17/17-05/19/17	Online	Bandel W	Closed

*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](http://catalog.jccc.edu/coursedescriptions/web/#WEB_243))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12263 350 ONLINE	-----	-	04/06/17-05/04/17	Online	Baxter P	Closed

*Kansas Senate Bill SB 155*

## WEB 244 - Web Apps II

This course examines the theory, concepts and techniques for designing, producing and evaluating Web applications to meet specific information needs. Students will engage with concepts, techniques and system issues in advanced Web application design and development using advanced programming tools and techniques. Students will look beyond the current status of development and design techniques and conjecture what is possible in the future. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Associated Costs:** \$10-\$15

**Prerequisite:** WEB 234

Outline ([http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_244](http://catalog.jccc.edu/coursedescriptions/web/#WEB_244))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12264 001 F2F	--W----	06:00-08:50 PM	01/18/17-05/19/17	RC 376	Walla J	Closed

*Kansas Senate Bill SB 155*

## WEB 290 - Web Development and Digital Media Capstone

This course is the culmination of the course work that makes up the Web Development and Digital Media AAS degree. It incorporates elements from each of the core program courses to allow students to walk through the entire Web design process, including design/project documentation, wire framing, creating mock-ups, revisions, pages and final deliverables. Upon completion of course, students will have a professional website that can serve as part of their professional portfolio. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Associated Costs:** \$10-\$15

**Prerequisite:** Department approval

Outline ([http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_290](http://catalog.jccc.edu/coursedescriptions/web/#WEB_290))

CRN	Days	Time	Date	Location	Instructor	Seats Open
12266 001 F2F	---R---	06:00-08:50 PM	01/19/17-05/19/17	RC 323	Hopper J	Closed

*Kansas Senate Bill SB 155*

## Women and Gender Studies

### WGS 201 - Global Women's Studies

The course is intended to increase student understanding of the history and experiences of women. It principally focuses on the ways in which gender interacts with race/ ethnicity, social class, sexual orientation, religion, age, nationality and other cultural identities to create differences and similarities in gendered lives. Students will critically examine and compare through a multidisciplinary approach the voices and experiences of women representing both domestic and global diversities. Selected topics may include: gender socialization; the female body and the sociopolitical context of reproduction, body image, appearance and of sexuality; similarities and differences between the genders; marriage and the family; work roles, inequalities and the global economy; health issues; violence against and by women; women in religion and politics; and, an historical and contemporary look at global feminism. 3 hrs. lecture/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/wgs/#WGS\\_201](http://catalog.jccc.edu/coursedescriptions/wgs/#WGS_201))

CRN	Days	Time	Date	Location	Instructor	Seats Open
11394 351 ONLINE	-----	-	01/17/17-05/19/17	Online	Klinger T	Closed

## 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 \(http://www.jccc.edu/enroll/credit-steps\)](http://www.jccc.edu/enroll/credit-steps)
- [Academic calendar \(http://www.jccc.edu/calendars\)](http://www.jccc.edu/calendars)
- [Course catalog \(http://catalog.jccc.edu\)](http://catalog.jccc.edu)
- [Archived course schedules \(http://www.jccc.edu/enroll/archived-course-schedules.html\)](http://www.jccc.edu/enroll/archived-course-schedules.html)
- [KBOR Transfer \(http://www.kansasregents.org/transfer\\_articulation\)](http://www.kansasregents.org/transfer_articulation)

## Need help?

Please call the Success Center at 913-469-3803 (tel:9134693803) for assistance.

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