

## Credit Summer 2015

**Note!** The last day to withdraw from an 8-week course with a "W" or to request a pass/fail grade option is July 15.

### Academic Achievement Center

#### AAC 100 - Study Skills

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

**Credit Hours:** 1

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60325 001 IND	-----	-	06/01/15-07/23/15	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. This course does not fulfill degree requirements and is not federal aid eligible. 16 hrs./semester

**Credit Hours:** 3

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60326 001 IND	-----	-	06/01/15-07/23/15	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. This course does not fulfill degree requirements and is not federal aid eligible. 20 hrs./semester

**Credit Hours:** 1

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60327 001 IND	-----	-	06/01/15-07/23/15	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. This course does not fulfill degree requirements and is not federal aid eligible. 20 hrs./semester

**Credit Hours:** 1

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60328 001 IND	-----	-	06/01/15-07/23/15	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. This course does not fulfill degree requirements and is not federal aid eligible. 20 hrs./semester

**Credit Hours:** 1

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60329 001 IND	-----	-	06/01/15-07/23/15	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. This course does not fulfill degree requirements and is not federal aid eligible. 20 hrs./semester

**Credit Hours:** 1

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60330 001 IND	-----	-	06/01/15-07/23/15	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
60303 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Hanyasz S	Closed

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

## AAC 135 - Career and Life Planning

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

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

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60320 001 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	GEB 256	Frigault R	Closed

## 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
60033 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Farmer C	Closed

*Kansas Senate Bill SB 155*

### ACCT 121 - Accounting I

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

Credit Hours: 3

Outline ([http://catalog.jccc.edu/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
60034 001 F2F	MTWR---	09:30-12:15 PM	06/01/15-06/25/15	GEB 254	Forbes H	Closed

*Kansas Senate Bill SB 155*

60035 002 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	GEB 254	Farmer C	Closed
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*Kansas Senate Bill SB 155*

60036 003 F2F	-T-R---	06:00-08:30 PM	06/02/15-07/23/15	GEB 254	Marmon C	Closed
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*Kansas Senate Bill SB 155*

60037 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Krug D	Closed
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*Kansas Senate Bill SB 155*

60038 351 ONLINE	-----	-	06/01/15-07/23/15	Online	Krug D	Closed
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*Kansas Senate Bill SB 155*

<b>60039</b> 352 ONLINE	-----	-	06/01/15-07/23/15	Online	Krug D	Closed
<i>Kansas Senate Bill SB 155</i>						
<b>60040</b> 353 ONLINE	-----	-	06/01/15-07/23/15	Online	Spoolstra A	Closed
<i>Kansas Senate Bill SB 155</i>						
<b>60041</b> 354 ONLINE	-----	-	06/01/15-07/23/15	Online	Spoolstra A	Closed
<i>Kansas Senate Bill SB 155</i>						
<b>60042</b> 355 ONLINE	-----	-	06/01/15-07/23/15	Online	Spoolstra A	Closed
<i>Kansas Senate Bill SB 155</i>						

## ACCT 122 - Accounting II

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

**Credit Hours:** 3

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>60043</b> 001 F2F	MTWR---	09:30-12:15 PM	06/29/15-07/23/15	GEB 254	Forbes H	Full
<i>Kansas Senate Bill SB 155</i>						
<b>60044</b> 002 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	GEB 256	Megariss M	Closed
<i>Kansas Senate Bill SB 155</i>						
<b>60045</b> 003 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	GEB 256	Megariss M	Closed
<i>Kansas Senate Bill SB 155</i>						
<b>60046</b> 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Cole L	Closed
<i>Kansas Senate Bill SB 155</i>						
<b>60047</b> 351 ONLINE	-----	-	06/01/15-07/23/15	Online	Cole L	Closed
<i>Kansas Senate Bill SB 155</i>						
<b>60048</b> 352 ONLINE	-----	-	06/01/15-07/23/15	Online	Cole L	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
<b>60049</b> 350 ONLINE	-----	-	06/01/15-07/23/15	Online	McNeil K	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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
<b>60050</b> 001 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	GEB 363	Wayne A	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						
<b>60051</b> 002 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	GEB 363	Henn R	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						
<b>60052</b> 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Cordes S	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						
<b>60053</b> 351 ONLINE	-----	-	06/01/15-07/23/15	Online	Cordes S	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						
<b>60972</b> 353 ONLINE	-----	-	06/01/15-07/23/15	Online	Cordes S	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i>						

## 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
<b>60980</b> 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Cordes S	<b>Full</b>
<i>Kansas Senate Bill SB 155</i>						
Requirement: Department approval						

## 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
<b>60965</b> 500 INT	-----	-	06/01/15-07/23/15		King A	<b>Full</b>
<i>Kansas Senate Bill SB 155</i>						
Requirement: Department approval						

## 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
60680 350 ONLINE	-----	-	06/01/15-07/23/15	Online	King K	Closed
60681 351 ONLINE	-----	-	06/01/15-07/23/15	Online	Galbrecht F	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
60682 350 ONLINE	-----	-	06/01/15-07/23/15	Online	King K	Closed

*Kansas Senate Bill SB 155*

## 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
60683 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Galbrecht F	Closed

## Animation

### ANI 123 - Concept Art for Animation

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

**Credit Hours: 3**

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60372 001 F2F	MTWR--	09:00-11:50 AM	06/01/15-07/23/15	RC 376	Garrison A	Closed

### ANI 125 - Introduction to 2D Animation

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

**Credit Hours: 3**

**Prerequisite or Corequisite:** ANI 123

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
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## ANI 250 - Game Art Assets

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

**Credit Hours:** 3

**Prerequisite or Corequisite:** CDTP 135

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60374 001 F2F	MTWR---	09:00-11:50 AM	06/01/15-07/23/15	RC 311	Byers J	Closed

Kansas Senate Bill SB 155

## Anthropology

### ANTH 125 - Cultural Anthropology ▾

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

**Credit Hours:** 3

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

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60671 001 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	GEB 338	Moran S	Closed
60759 002 F2F	-T-R---	06:00-08:30 PM	06/02/15-07/23/15	GEB 338	Raab L	Closed
60672 350 ONLNE	-----	-	06/01/15-07/23/15	Online	Raab A	Closed
60673 351 ONLNE	-----	-	06/01/15-07/23/15	Online	Jayaram K	Closed
60674 400 MED	-----	-	06/01/15-07/23/15		Corbett S	Closed

Note: The broadcast schedule is Thursdays and Fridays from 4:00 pm - 5:00 pm, and repeats on Saturdays from 3:00 - 4:00 and 4:00 - 5:00.

### 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
60675 001 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	GEB 338	Moran S	Closed
60676 350 ONLNE	-----	-	06/01/15-07/23/15	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
60677 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Raab A	Closed

## ANTH 146 - Archaeology of Ancient North America

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

**Credit Hours: 3**

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60910 001 F2F	MTWRF--	10:00-12:00 PM	06/01/15-06/12/15	OCB 142	McFarlane W	Closed
	MTWRF--	01:00-03:00 PM	06/01/15-06/12/15	OCB 142		

This course is offered in association with the Midwest Archaeological Field School. Permission of instructor is required.

## ANTH 205 - Archaeological Field Methods

This course is a practicum of archaeological field methods and techniques. The fundamental principles of archaeological research will be considered. Students will create and implement their own research design in the context of on-going investigations. Emphasis will be placed on practicing the essential skills needed to conduct archaeological research. 160 integrated lecture lab hrs./semester

**Credit Hours: 5**

[Outline \(http://catalog.jccc.edu/coursedescriptions/anth/#ANTH\\_205\)](http://catalog.jccc.edu/coursedescriptions/anth/#ANTH_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60911 975 TRV	MTWRF--	07:00-04:00 PM	06/15/15-07/10/15		McFarlane W	Closed
	MTWRF--	10:00-12:00 PM	07/13/15-07/17/15	OCB 142		
	MTWRF--	01:00-03:00 PM	07/13/15-07/17/15	OCB 142		

This course is offered in association with the Midwest Archaeological Field School. Permission of instructor is required.

## 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
60778 001 F2F	--WR---	12:00-05:20 PM	06/03/15-07/23/15	LIB 342	Nemer T	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
60780 001 F2F	-T-R---	12:00-05:20 PM	06/02/15-07/22/15	LIB 311	Hawkins P	Closed
	-T-R---	12:00-05:20 PM	06/02/15-07/22/15	LIB 312		
	-T-R---	12:00-05:20 PM	06/02/15-07/22/15	LIB 313		

## ART 130 - Drawing I

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

**Credit Hours:** 3

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60792 001 F2F	MTW----	08:00-11:50 AM	06/01/15-07/22/15	ATB 109	Kligman M	Closed
60793 002 F2F	MTW----	06:00-09:50 PM	06/01/15-07/22/15	ATB 109	Stewart M	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
60794 001 F2F	MTW----	06:00-09:50 PM	06/01/15-07/22/15	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
60795 001 F2F	MTW----	01:00-04:50 PM	06/01/15-07/22/15	ATB 101	Carroll J	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
60796 001 F2F	MTW----	08:00-11:50 AM	06/01/15-07/22/15	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
60805 001 F2F	MTW----	06:00-09:50 PM	06/01/15-07/22/15	ATB 115	Sandoval A	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
60806 001 F2F	MTW----	06:00-09:50 PM	06/01/15-07/22/15	ATB 115	Sandoval A	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
60799 001 F2F	MTW----	01:00-04:50 PM	06/01/15-07/22/15	ATB 115	Pener S	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
60800 001 F2F	MTW----	01:00-04:50 PM	06/01/15-07/22/15	ATB 115	Pener S	Closed

## ART 291 - Independent Study

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

**Credit Hours:** 1

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

**Prerequisite:** 2.0 GPA minimum and department approval

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60953 960 IND	-----	-	06/01/15-07/23/15		Cowardin M	1 of 2

This section's title is **Special Problems in Metal Casting**.

## 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
60762 001 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	CC 352	DiCamillo R	Closed
60763 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Newlands J	Closed

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

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

**Credit Hours:** 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60764 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Newlands J	Closed
60768 351 ONLINE	-----	-	06/01/15-07/23/15	Online	Zell V	Closed

## 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
60765 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Smith A	Closed
60766 351 ONLINE	-----	-	06/01/15-07/23/15	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
60767 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Dolemba M	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
60321 001 F2F	MTW----	08:00-11:05 AM	06/01/15-07/22/15	GEB 215	Kuhns K	Closed

*Kansas Senate Bill SB 155*

### ASL 121 - Elementary American Sign Language II

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

**Credit Hours: 3**

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60323 001 F2F	MTW----	06:00-09:05 PM	06/01/15-07/22/15	GEB 215	Symansky R	Closed

*Kansas Senate Bill SB 155*

Note: Until May 15, 2015, this section is only available for enrollment to students who have been accepted into the Interpreter Training Program. After May 15, 2015, anyone may enroll if there are seats available.

## Astronomy

## ASTR 120 - Fundamentals of Astronomy

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

**Credit Hours:** 3

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

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>60168</b> 350 ONLNE	-----	-	06/01/15-07/23/15	Online	Koch W	Closed

Note: Orientation for first-time online students is highly recommended. Students should log into the course and begin working within the first week of instruction. Students that haven't logged in within the first week may be dropped for non-attendance. The textbook and all course material is provided free online. There are no on-campus class meetings, but the final exam must be taken in the JCCC Testing Center or with an approved proctor.

<b>60169</b> 351 ONLNE	-----	-	06/01/15-07/23/15	Online	Koch W	Closed
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Note: Orientation for first-time online students is highly recommended. Students should log into the course and begin working within the first week of instruction. Students that haven't logged in within the first week may be dropped for non-attendance. The textbook and all course material is provided free online. There are no on-campus class meetings, but the final exam must be taken in the JCCC Testing Center or with an approved proctor.

## ASTR 122 - Astronomy

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

**Credit Hours:** 4

Outline ([http://catalog.jccc.edu/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
<b>60170</b> 001 F2F	M-W----	09:00-10:50 AM	06/01/15-07/22/15	CLB 411	Koch W	Closed
	-T-R---	09:00-09:50 AM	06/02/15-07/23/15	CLB 411		
	Lab -T-R---	10:00-11:50 AM	06/02/15-07/23/15	CLB 411		

Note: Evening viewing sessions are required.

## Automotive Technology

### AUTO 125 - Introduction to Automotive Shop Practices

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


**Credit Hours:** 3

**Associated Costs:** \$40 to 300

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>60743</b> 376 HYB	M-W----	01:00-02:40 PM	06/01/15-07/22/15	ATB 129	Hall D	Closed
	Lab M-W----	03:00-05:30 PM	06/01/15-07/22/15	ATB 190		
	-----	-	06/01/15-07/22/15	Online		

Kansas Senate Bill SB 155

<b>60746</b> 377 HYB	-T-R---	09:00-10:40 AM	06/02/15-07/23/15	 OATC 400A	Hensley E	Closed
	Lab -T-R---	11:00-01:40 PM	06/02/15-07/23/15	 OATC		
	-----	-	06/02/15-07/23/15	Online		

## 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
60924 376 F2F	-T-R---	12:30-02:10 PM	06/02/15-07/23/15	ATB 129	James J	Closed
	Lab -T-R---	02:20-05:00 PM	06/02/15-07/23/15	ATB 190		
	-----	-	06/02/15-07/23/15	Online		

Kansas Senate Bill SB 155

## AUTO 166 - Electrical II

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

**Credit Hours:** 2

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

**Prerequisite:** AUTO 156

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60922 002 F2F	-T-R---	08:00-08:50 AM	06/02/15-07/23/15	ATB 131	Hale H	Closed
	Lab -T-R---	09:00-11:40 AM	06/02/15-07/23/15	ATB 190		

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
60745 500 INT	-----	-	06/01/15-07/23/15		Hale H	1 of 4

Kansas Senate Bill SB 155

Requirement: Department approval

## Cosmetology

### AVCO 112 - Clinical Cosmetology

This course provides continuing skill instruction in shampooing, cutting, shaping, curling and coloring. Included is an introduction to client relations skills and sales promotion techniques. Instruction includes classroom and salon. Total 500 contact hrs. For enrollment and tuition information, call 913-469-8500, ext.2390.

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

**Credit Hours:** 12

**Prerequisite:** Selective Admission Approval

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>60599</b> 201 F2F	MTW----	08:00-05:00 PM	05/18/15-08/12/15	WPK 177	Hinojosa M	<b>Closed</b>
	---R---	11:00-08:00 PM	05/21/15-08/13/15	WPK 101		
	----F--	08:00-05:00 PM	05/22/15-08/14/15	WPK 101		
	MTWRF--	08:00-05:00 PM	08/17/15-08/21/15	WPK 101		

*Kansas Senate Bill SB 155*

## AVCO 114 - Advanced Cosmetology

This course provides advanced instruction in shampooing, cutting, shaping, curling and coloring. This course prepares the student for the Kansas State Board of Cosmetology examination. Total. 500 contact hrs. For enrollment and tuition information, call 913-469-8500, ext. 2390.

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

**Credit Hours:** 12

**Associated Costs:** \$159

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>60600</b> 200 F2F	M-----	08:00-05:00 PM	05/18/15-08/10/15	WPK 129	McAnerney C Hinojosa M	<b>Closed</b>
	-TW-F--	08:00-05:00 PM	05/19/15-08/14/15	WPK 101		
	---R---	11:00-08:00 PM	05/21/15-08/13/15	WPK 101		
	MTWRF--	08:00-05:00 PM	08/17/15-08/21/15	WPK 101		

*Kansas Senate Bill SB 155*

## Health Occupations

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

This course provides classroom and clinical instruction for the primary care of clients in long-term and acute-care facilities. Students learn skills for daily hygiene, bedside care, vital sign measurement, positioning and safe transfer of clients. The class prepares and schedules the student to take the Kansas CNA examination. 45 contact hrs. For additional information go to the [jccc.edu](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. 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: Documentation of current TB skin test- negative results within the last year, current CPR for Health Care Providers and a Social Security Card are required by the first day of class.

**Credit Hours:** 5

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

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>60602</b> 001 F2F	M-WR---	04:00-08:00 PM	06/01/15-07/23/15	OHEC 231	Holzrichter A	<b>Closed</b>
<i>Accelerating Opportunity KS</i> <i>Kansas Senate Bill SB 155</i> Note:Registration for this course will not begin until 8:00 a.m., on Friday, April 10th. 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> )#VQIabVLwthE ) before April 10th to ensure enrollment eligibility.						
<b>60615</b> 002 F2F	MTWR---	08:30-03:30 PM	06/01/15-06/25/15	LCS 09	Schaffer B	<b>Closed</b>
<i>Accelerating Opportunity KS</i> <i>Kansas Senate Bill SB 155</i> Note:Registration for this course will not begin until 8:00 a.m., on Friday, April 10th. 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> )#VQIabVLwthE ) before April 10th to ensure enrollment eligibility.						
<b>60617</b> 003 F2F	MTWR---	08:30-03:30 PM	06/29/15-07/23/15	LCS 09	Schaffer B	<b>Full</b>
<i>Kansas Senate Bill SB 155</i> <i>Accelerating Opportunity KS</i> Note:Registration for this course will not begin until 8:00 a.m., on Friday, April 10th. 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> )#VQIabVLwthE ) before April 10th to ensure enrollment eligibility.						
<b>60627</b> 005 F2F	M-W----	08:30-03:30 PM	06/01/15-07/22/15	OHEC 235	Brown D	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i> <i>Accelerating Opportunity KS</i> Note:Registration for this course will not begin until 8:00 a.m., on Friday, April 10th. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/academics/health/nursing-related-occupations/index.html">http://www.jccc.edu/academics/health/nursing-related-occupations/index.html</a> ( <a href="http://www.jccc.edu/academics/health/nursing-related-occupations/index.html">http://www.jccc.edu/academics/health/nursing-related-occupations/index.html</a> ) ) before April 10th to ensure enrollment eligibility.						
<b>60629</b> 007 F2F	-TW----	08:30-03:30 PM	06/02/15-07/22/15	OHEC 233	Horst K	<b>Closed</b>
<i>Kansas Senate Bill SB 155</i> <i>Accelerating Opportunity KS</i> Note:Registration for this course will not begin until 8:00 a.m., on Friday, April 10th. 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> )#VQIabVLwthE ) before April 10th to ensure enrollment eligibility.						
<b>60619</b> 376 HYB	---R---	08:30-03:30 PM	06/04/15-07/23/15	OHEC 241	Reischman C	<b>Closed</b>
	-----	-	06/04/15-07/23/15	<b>Online</b>		
<i>Accelerating Opportunity KS</i> <i>Mandatory Classroom Meetings</i> <i>Kansas Senate Bill SB 155</i> Note:Registration for this course will not begin until 8:00 a.m., on Friday, April 10th. 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> )#VQIabVLwthE ) before April 10th to ensure enrollment eligibility.						
<b>60626</b> 379 HYB	--W----	08:30-03:30 PM	06/03/15-07/22/15	OHEC 231	Kobularcik L	<b>Closed</b>
	-----	-	06/03/15-07/22/15	<b>Online</b>		
<i>Kansas Senate Bill SB 155</i> <i>Accelerating Opportunity KS</i> <i>Mandatory Classroom Meetings</i> Note:Registration for this course will not begin until 8:00 a.m., on Friday, April 10th. 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> )#VQIabVLwthE ) before April 10th 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 web page: click on classes; click on credit class search; click the semester; course prefix is AVHO Health Occupations. Click on CRN number for information. For more information, go to <http://www.jccc.edu/academics/health/nursing-related-occupations/tab-credit.html> ( <http://www.jccc.edu/academics/health/nursing-related-occupations/tab-credit.html>) . This course is not federal aid eligible.

**Credit Hours:** 1

**Prerequisite:** Kansas CNA Certification

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>60632</b> 008 F2F	----F--	08:30-04:00 PM	06/05/15-06/19/15	OHEC 241	Waechter J	<b>Closed</b>

## 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. For more information, go to <http://www.jccc.edu/academics/health/nursing-related-occupations/tab-credit.html> (<http://www.jccc.edu/academics/health/nursing-related-occupations/tab-credit.html>). This course is not federal aid-eligible.

**Credit Hours:** 4

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

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60631 006 F2F	--W-F--	08:30-02:30 PM	06/03/15-07/22/15	 OHEC 209	Dillon E	Closed

*Kansas Senate Bill SB 155*

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

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


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

**Credit Hours:** 1

**Associated Costs:** \$20

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60651 009 F2F	-----S-	08:30-04:30 PM	06/06/15-06/13/15	 OHEC 231	Wiley K Zaccardi J	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
60171 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Berry S	Closed

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

### BIOL 121 - Introductory Biology for Non-Majors

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

**Credit Hours: 4**

**Associated Costs: \$0 to 15**

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>60172</b> 001 F2F	M-W----	08:00-10:30 AM	06/01/15-07/22/15	CLB 314	Loring D	<b>Closed</b>
	Lab -T-----	08:00-09:50 AM	06/02/15-07/21/15	SCI 203		
	Lab ---R---	08:00-09:50 AM	06/04/15-07/23/15	SCI 207		
<b>60173</b> 002 F2F	M-W----	10:45-01:15 PM	06/01/15-07/22/15	CLB 314	Loring D	<b>Closed</b>
	Lab -T-----	10:00-11:50 AM	06/02/15-07/21/15	SCI 203		
	Lab ---R---	10:00-11:50 AM	06/04/15-07/23/15	SCI 207		
<b>60174</b> 003 F2F	M-W----	01:30-04:00 PM	06/01/15-07/22/15	LIB 353B	Cunningham J	<b>Closed</b>
	Lab -T-----	01:00-02:50 PM	06/02/15-07/21/15	SCI 203		
	Lab ---R---	01:00-02:50 PM	06/04/15-07/23/15	SCI 207		
<b>60175</b> 004 F2F	Lab M-----	08:30-10:20 AM	06/01/15-07/20/15	SCI 203	Arico J	<b>Closed</b>
	-T-R---	08:00-10:30 AM	06/02/15-07/23/15	CLB 314		
	Lab --W----	08:30-10:20 AM	06/03/15-07/22/15	SCI 207		
<b>60177</b> 006 F2F	M-W----	10:00-12:30 PM	06/01/15-07/22/15	CLB 316	Finch D	<b>Closed</b>
	Lab M-----	01:00-02:50 PM	06/01/15-07/20/15	SCI 203		
	Lab --W----	01:00-02:50 PM	06/03/15-07/22/15	SCI 207		
<b>60178</b> 050 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	CLB 314	Wu X	<b>Closed</b>
	Lab -T-----	06:00-07:50 PM	06/02/15-07/21/15	SCI 203		
	Lab ---R---	06:00-07:50 PM	06/04/15-07/23/15	SCI 207		
<b>60179</b> 380 HYB	Lab M-----	03:00-04:50 PM	06/01/15-07/20/15	SCI 203	Decelles P	<b>Closed</b>
	-----	-	06/01/15-07/23/15	<b>Online</b>		
	Lab --W----	03:00-04:50 PM	06/03/15-07/22/15	SCI 207		

*Mandatory Classroom Meetings*

Note: Lab meetings are mandatory.

<b>60180</b> 381 HYB	Lab M-----	06:00-07:50 PM	06/01/15-07/20/15	SCI 203	Decelles P	<b>Closed</b>
	-----	-	06/01/15-07/23/15	<b>Online</b>		
	Lab --W----	06:00-07:50 PM	06/03/15-07/22/15	SCI 207		

*Mandatory Classroom Meetings*

Note: Lab meetings are mandatory.

## BIOL 130 - Environmental Science

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

**Credit Hours: 3**

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>60181</b> 001 F2F	M-W----	01:30-03:50 PM	06/01/15-07/22/15	SCI 118	Menzel J	<b>Closed</b>

<b>60182</b> 050 F2F	M-W----	06:00-08:50 PM	06/01/15-07/22/15	SCI 118	Layne R	<b>Closed</b>
<b>60183</b> 350 ONLINE	-----	-	06/01/15-07/23/15	<b>Online</b>	Follo J	<b>Closed</b>
Note: This class requires a short term service learning project requirement. All assignments and exams are accessed online and have specific due dates. Please refer to the syllabus and schedule for exact dates.						
<b>60184</b> 351 ONLINE	-----	-	06/01/15-07/23/15	<b>Online</b>	Follo J	<b>Closed</b>
Note: Students should contact the instructor one week prior to class beginning. All assignments and exams are submitted online. This section is intended for those students who are planning to major in early childhood or K-12 education. The course material is tailored towards formal and non-formal environmental education. Those students planning on pursuing a degree/certification other than in education should take a different section.						
<b>60907</b> 352 ONLINE	-----	-	06/01/15-07/23/15	<b>Online</b>	Williams D	<b>Closed</b>
Note: All tests will be taken online.						

## 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
<b>60185</b> 050 F2F	<b>Lab</b> -T-R---	06:00-07:50 PM	06/02/15-07/23/15	CLB 303	Brink M	<b>Closed</b>
Note: BIOL 131 students must be currently enrolled in BIOL 130 or have successfully completed BIOL 130 within the last three years.						
<b>60186</b> 350 ONLINE	<b>Lab</b> -----	-	06/01/15-07/23/15	<b>Online</b>	Follo J	<b>Closed</b>
Note: This class has lab every week, with some labs requiring access to local streams and some low cost materials. This online lab requires access to a camera and the ability to load photos into the learning management system; students must have a computer and Internet access. All lab assignments and exams are accessed online and have specific due dates. There is no lab manual to purchase.						

## 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
<b>60274</b> 001 F2F	M-W----	08:00-10:30 AM	06/01/15-07/22/15	RC 370	Meador D	<b>Closed</b>
	<b>Lab</b> -T-R---	08:00-09:50 AM	06/02/15-07/23/15	RC 345		
<i>Kansas Senate Bill SB 155</i>						
<b>60275</b> 002 F2F	M-W----	12:00-02:30 PM	06/01/15-07/22/15	RC 370	Meador D	<b>Closed</b>
	<b>Lab</b> -T-R---	12:00-01:50 PM	06/02/15-07/23/15	RC 345		
<i>Kansas Senate Bill SB 155</i>						
<b>60276</b> 050 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	RC 370	Arico J	<b>Closed</b>
	<b>Lab</b> -T-R---	06:00-07:50 PM	06/02/15-07/23/15	RC 345		
<i>Kansas Senate Bill SB 155</i>						
<b>60277</b> 380 HYB	-----	-	06/01/15-07/23/15	<b>Online</b>	Mulcahy E	<b>Closed</b>
	<b>Lab</b> -----S-	08:00-04:00 PM	06/06/15-06/06/15	RC 345		
	<b>Lab</b> -----S-	08:00-04:00 PM	06/20/15-06/20/15	RC 345		
	<b>Lab</b> -----S-	08:00-04:00 PM	07/11/15-07/11/15	RC 345		

Lab -----S- 08:00-04:00 PM 07/18/15-07/18/15 RC 345

Kansas Senate Bill SB 155

Mandatory Classroom Meetings

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

60278 381 HYB Lab M-W---- 09:00-10:50 AM 06/01/15-07/22/15 RC 345 Olsen R Closed

----- - 06/01/15-07/23/15 Online

Mandatory Classroom Meetings

Kansas Senate Bill SB 155

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


## BIOL 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
60279 001 F2F	MTWR---	09:00-11:50 AM	06/01/15-07/23/15	CLB 313	Makarov A	Closed
60280 002 F2F	MTWR---	12:00-02:50 PM	06/01/15-07/23/15	CLB 313	Makarov A	Closed
60281 003 F2F	MTWR---	02:00-04:50 PM	06/01/15-07/23/15	CLB 309	Lasley L	Closed
60282 004 F2F	MTWR---	11:00-01:50 PM	06/01/15-07/23/15	CLB 309	Lasley L	Closed
60283 050 F2F	MTWR---	06:00-08:50 PM	06/01/15-07/23/15	CLB 309	Witters L	Closed
60284 200 F2F	MTWR---	11:00-01:50 PM	06/01/15-07/23/15	 OHEC 107	Sherry R	Closed

## BIOL 140H - HON: Human Anatomy

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

Credit Hours: 1

Outline ([http://catalog.jccc.edu/coursedescriptions/biol/#BIOL\\_140H](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_140H))

CRN	Days	Time	Date	Location	Instructor	Seats Open
60977 03H F2F	-----	-	06/01/15-07/23/15	COM 201	Lasley L	Closed

Kansas Senate Bill SB 155

## BIOL 144 - Human Anatomy and Physiology

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

Credit Hours: 5

**Prerequisite:** RDG 126 or College Reading Readiness (<http://www.jccc.edu/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
60286 001 F2F	MTWR---	08:00-11:15 AM	06/01/15-07/23/15	SCI 103	Andrews C	Closed

<b>60287</b> 002 F2F	MTWR---	01:00-04:15 PM	06/01/15-07/23/15	SCI 103	Bishop D	<b>Closed</b>
<b>60288</b> 003 F2F	MTWR---	09:00-12:15 PM	06/01/15-07/23/15	SCI 111	Rupp P	<b>Closed</b>
<b>60289</b> 050 F2F	MTWR---	06:00-09:15 PM	06/01/15-07/23/15	SCI 103	Sullivan C	<b>Closed</b>
<b>60290</b> 380 HYB	-----	-	06/01/15-07/23/15	<b>Online</b>	Shopper M Baumgardner B	<b>Closed</b>
	-T-----	05:00-08:50 PM	06/02/15-07/21/15	SCI 111		

*Mandatory Classroom Meetings*

Note: Lab meetings are mandatory.

<b>60291</b> 381 HYB	-----	-	06/01/15-07/23/15	<b>Online</b>	Shopper M Baumgardner B	<b>Closed</b>
	--W----	05:00-08:50 PM	06/03/15-07/22/15	SCI 111		

*Mandatory Classroom Meetings*

Note: Lab meetings are mandatory.

## 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
<b>60292</b> 350 ONLINE	-----	-	06/01/15-07/23/15	<b>Online</b>	Wright G	<b>Closed</b>
Note: Exams are taken on campus at the JCCC Testing Center.						
<b>60293</b> 351 ONLINE	-----	-	06/01/15-07/23/15	<b>Online</b>	Osterhaus G	<b>Closed</b>
Note: Exams are taken on campus at the JCCC Testing Center.						
<b>60294</b> 352 ONLINE	-----	-	06/01/15-07/23/15	<b>Online</b>	Osterhaus G	<b>Closed</b>
Note: Exams are taken on campus at the JCCC Testing Center.						
<b>60906</b> 353 ONLINE	-----	-	06/01/15-07/23/15	<b>Online</b>	Wright G	<b>Closed</b>
Note: Exams are taken on campus at the JCCC Testing Center.						
<b>60295</b> 380 HYB	M-W----	01:00-03:50 PM	06/01/15-07/22/15	SCI 111	Menon Parker J	<b>Closed</b>
	-----	-	06/01/15-07/23/15	<b>Online</b>		
<i>Mandatory Classroom Meetings</i>						
Note: Lab meetings are mandatory.						
<b>60296</b> 381 HYB	-----	-	06/01/15-07/23/15	<b>Online</b>	Menon Parker J	<b>Closed</b>
	-T-R---	01:00-03:50 PM	06/02/15-07/23/15	SCI 111		

*Mandatory Classroom Meetings*

Note: Lab meetings are mandatory.

## BIOL 227 - Human Pathophysiology

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

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

**Credit Hours: 4**

**Prerequisite:** BIOL 144 or BIOL 225

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60297 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Clark M	Closed
60298 351 ONLINE	-----	-	06/01/15-07/23/15	Online	Clark M	Closed

## 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
60302 001 F2F	MTWR---	08:00-09:15 AM	06/01/15-07/23/15	SCI 116	Oden J	Closed
60304 002 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	SCI 116	Scott G	Closed
60305 003 F2F	MTWR---	12:30-01:45 PM	06/01/15-07/23/15	SCI 116	Hontz J	Closed
60306 050 F2F	MTWR---	06:00-07:15 PM	06/01/15-07/23/15	SCI 116	Olsen R	Closed
60307 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Mulcahy E	Closed
60308 351 ONLINE	-----	-	06/01/15-07/23/15	Online	Mulcahy E	Closed

Note: Exams will be taken at JCCC in the Testing Center.

Note: Exams will be taken at JCCC in the Testing Center.

## BIOL 230H - HON: Microbiology

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

**Credit Hours:** 1

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60969 01H F2F	-----	-	06/01/15-07/23/15	COM 201	Olsen R	Closed

## 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
60309 001 F2F	Lab MTWR---	09:30-11:20 AM	06/01/15-07/23/15	SCI 113	Oden J	Closed
60310 002 F2F	Lab MTWR---	11:30-01:20 PM	06/01/15-07/23/15	SCI 113	Oden J	Closed
60311 003 F2F	Lab MTWR---	02:00-03:50 PM	06/01/15-07/23/15	SCI 113	Weigand K	Closed
60312 050 F2F	Lab MTWR---	07:30-09:20 PM	06/01/15-07/23/15	SCI 113	Olsen R	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
60313 050 F2F	M-W----	05:00-07:50 PM	06/01/15-07/22/15	SCI 124	Berry S	Closed
60314 350 ONLNE	-----	-	06/01/15-07/23/15	Online	Berry S	Closed
60315 351 ONLNE	-----	-	06/01/15-07/23/15	Online	Berry S	Closed

## 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
60316 350 ONLNE	-----	-	06/01/15-07/23/15	Online	Baumgardner B	Closed

*Kansas Senate Bill SB 155*

Note: Students will be required to take course tests in the JCCC testing center, 3rd floor of the SC building, room 334.

## Biotechnology

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

## BIOT 160 - Introduction to Biotechnology

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

**Credit Hours:** 2

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
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60317 350 ONLINE

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06/01/15-07/23/15

Online

Seitz H

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 and corequisites 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
60318 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Seitz H	Closed

Kansas Senate Bill SB 155

**Business****BUS 121 - Introduction to Business**

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

**Credit Hours:** 3
[Outline \(http://catalog.jccc.edu/coursedescriptions/bus#BUS\\_121\)](http://catalog.jccc.edu/coursedescriptions/bus#BUS_121)
[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60055 001 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	GEB 258	Hinds A	Closed

Kansas Senate Bill SB 155

60056 350 ONLNE	-----	-	06/01/15-07/23/15	Online	Gallagher K	Closed
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Kansas Senate Bill SB 155

60057 351 ONLNE	-----	-	06/01/15-07/23/15	Online	Gallagher K	Closed
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Kansas Senate Bill SB 155

60058 352 ONLNE	-----	-	06/01/15-07/23/15	Online	Gallagher K	Closed
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Kansas Senate Bill SB 155

60059 353 ONLNE	-----	-	06/29/15-07/23/15	Online	Noel M	Full
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Kansas Senate Bill SB 155

**BUS 123 - Personal Finance**

Upon successful completion of this course, the student should be able to 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)
[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60060 350 ONLINE	-----	-	06/01/15-06/28/15	Online	Hussein S	Closed

60061 351 ONLNE	-----	-	06/01/15-06/28/15	Online	Hussein S	Closed
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60063 353 ONLNE	-----	-	06/29/15-07/23/15	Online	Noel M	Full
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## 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
60065 350 ONLINE	-----	-	06/01/15-06/28/15	Online	Webb F	Closed

*Kansas Senate Bill SB 155*

## BUS 141 - Principles of Management

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

**Credit Hours:** 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60067 350 ONLINE	-----	-	06/01/15-06/28/15	Online	Webb F	Closed

*Kansas Senate Bill SB 155*

60068 351 ONLINE	-----	-	06/01/15-06/28/15	Online	Webb F	Closed
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*Kansas Senate Bill SB 155*

60069 352 ONLINE	-----	-	06/01/15-07/23/15	Online	Begley J	Closed
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*Kansas Senate Bill SB 155*

## BUS 145 - Small Business Management

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

**Credit Hours:** 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60070 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Feagan C	Closed

*Kansas Senate Bill SB 155*

## BUS 150 - Business Communications

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

**Credit Hours:** 3

**Prerequisite:** ENGL 121

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60071 001 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	GEB 258	Anderson K	Closed
60072 350 ONLNE	-----	-	06/01/15-07/23/15	Online	Haverty M	Closed
60073 351 ONLNE	-----	-	06/01/15-07/23/15	Online	Haverty M	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
60074 350 ONLNE	-----	-	06/01/15-07/23/15	Online	Fleming S	Closed

*Kansas Senate Bill SB 155*

## BUS 225 - Human Relations

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

**Credit Hours:** 3

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60075 350 ONLNE	-----	-	06/01/15-07/23/15	Online	Ferguson G	Closed
60076 351 ONLNE	-----	-	06/01/15-07/23/15	Online	Korb J	Closed

## 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
60079 350 ONLNE	-----	-	06/01/15-07/23/15	Online	Hughey K	Closed

*Kansas Senate Bill SB 155*

## BUS 261 - Business Law I

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

**Credit Hours:** 3

**Prerequisite:** RDG 126 or College Reading Readiness (<http://www.jccc.edu/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
<b>60080</b> 001 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	GEB 379	Baker M	Closed
<i>Kansas Senate Bill SB 155</i>						
<b>60081</b> 002 F2F	-T-R---	06:00-08:30 PM	06/02/15-07/23/15	GEB 379	Bedell T	Closed
<i>Kansas Senate Bill SB 155</i>						
<b>60082</b> 350 ONLNE	-----	-	06/01/15-07/23/15	Online	Hawk G	Closed
<i>Kansas Senate Bill SB 155</i>						
<b>60083</b> 351 ONLNE	-----	-	06/01/15-07/23/15	Online	Hawk G	Closed
<i>Kansas Senate Bill SB 155</i>						
<b>60084</b> 352 ONLNE	-----	-	06/01/15-07/23/15	Online	Waldman E	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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
<b>60085</b> 350 ONLNE	-----	-	06/01/15-07/23/15	Online	Pener M	Closed
<i>Kansas Senate Bill SB 155</i>						
<b>60086</b> 351 ONLNE	-----	-	06/01/15-07/23/15	Online	Stewart-Ayala N	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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
<b>60463</b> 001 F2F	M-----	12:00-02:45 PM	06/15/15-07/13/15	RC 374	Hincks B	Closed
<i>Kansas Senate Bill SB 155</i>						
<b>60464</b> 002 F2F	--W----	08:00-10:45 AM	06/17/15-07/15/15	RC 374	Hincks B	Closed
<i>Kansas Senate Bill SB 155</i>						
<b>60465</b> 003 F2F	--W----	12:00-02:45 PM	06/17/15-07/15/15	RC 374	Hincks B	Closed
<i>Kansas Senate Bill SB 155</i>						
<b>60466</b> 350 ONLNE	-----	-	06/15/15-07/13/15	Online	Epp R	Closed
<i>Kansas Senate Bill SB 155</i>						

### 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
60467 001 F2F	-T-----	08:00-10:45 AM	06/16/15-07/14/15	RC 374	Hincks B	Closed
60468 002 F2F	M-----	06:00-08:45 PM	06/15/15-07/13/15	RC 374	Powers S	Closed

### 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
60469 001 F2F	M-----	08:00-10:45 AM	06/15/15-07/13/15	RC 374	Hincks B	Closed
<i>Kansas Senate Bill SB 155</i>						
60470 002 F2F	-T-----	12:00-02:45 PM	06/16/15-07/14/15	RC 374	Hincks B	Closed
<i>Kansas Senate Bill SB 155</i>						

## 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
60866 001 F2F	-T-R---	11:00-02:00 PM	06/09/15-07/23/15	SCI 216	Clark M	Closed

### 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
60364 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Clark M	Closed
	Lab -----	-	06/01/15-07/23/15	Online		

Note: Tests must be taken at an approved Testing Center.

## 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
60365 001 F2F	M-W----	08:00-10:50 AM	06/01/15-07/22/15	SCI 216	Maradiaga A	Closed
	-T-R---	08:00-08:50 AM	06/02/15-07/23/15	SCI 216		
	Lab -T-R---	09:00-11:50 AM	06/02/15-07/23/15	SCI 215		
60366 002 F2F	M-W----	11:00-11:50 AM	06/01/15-07/22/15	SCI 218	Agah A	Closed
	Lab M-W----	12:00-02:50 PM	06/01/15-07/22/15	SCI 215		
	-T-R---	11:00-01:50 PM	06/02/15-07/23/15	SCI 218		
60367 050 F2F	M-W----	06:00-06:50 PM	06/01/15-07/22/15	SCI 216	Scholtz S	Closed
	Lab M-W----	07:00-09:50 PM	06/01/15-07/22/15	SCI 215		
	-T-R---	06:00-08:50 PM	06/02/15-07/23/15	SCI 216		
60368 380 HYB	M-W----	08:00-08:50 AM	06/01/15-07/22/15	SCI 218	Elisabeth E	Closed
	Lab M-W----	09:00-11:50 AM	06/01/15-07/22/15	SCI 215		
	-----	-	06/01/15-07/23/15	Online		
<i>Mandatory Classroom Meetings</i>						
60369 381 HYB	M-W----	02:00-02:50 PM	06/01/15-07/22/15	SCI 216	Elisabeth E	Closed
	Lab M-W----	03:00-05:50 PM	06/01/15-07/22/15	SCI 215		
	-----	-	06/01/15-07/23/15	Online		
<i>Mandatory Classroom Meetings</i>						

## 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
60376 001 F2F	MTWR---	07:00-09:20 AM	06/01/15-07/23/15	SCI 114	Robinson J	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 60383)</i>						
60377 002 F2F	MTWR---	09:30-11:50 AM	06/01/15-07/23/15	SCI 114	Jacobsen F	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 60385)</i>						
60378 003 F2F	MTWR---	12:00-02:20 PM	06/01/15-07/23/15	SCI 114	Monzyk M	Closed

Co-requisite to enroll in CHEM 125 (CRN 60386)

<b>60380</b> 050 F2F	M-W----	06:00-09:50 PM	06/01/15-07/22/15	SCI 114	Shah N	<b>Closed</b>
	-T-R---	06:00-06:50 PM	06/02/15-07/23/15	SCI 114		

Co-requisite to enroll in CHEM 125 (CRN 60390)

<b>60381</b> 350 ONLNE	-----	-	06/01/15-07/23/15	<b>Online</b>	Byers D	<b>Closed</b>
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Co-requisite to enroll in CHEM 125 (CRN 60391)

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

## CHEM 125 - General Chemistry I Lab ▾

Experiments of a qualitative and quantitative nature that support topics from General Chemistry I Lecture will be carried out. 3 hrs. lab/wk.

Note: Students who withdraw from GENERAL CHEMISTRY I LECTURE must also withdraw from the corresponding laboratory GENERAL CHEMISTRY I LABORATORY. Students may not withdraw from the laboratory course GENERAL CHEMISTRY I LABORATORY without withdrawing from CHEMISTRY I LECTURE.

**Credit Hours:** 1

**Associated Costs:** \$60

**Corequisite:** CHEM 124

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>60383</b> 001 F2F	<b>Lab</b> -T-R---	09:30-12:20 PM	06/02/15-07/23/15	SCI 211	Robinson J	<b>Closed</b>
Co-requisite to enroll in CHEM 124 (CRN 60376)						
<b>60385</b> 002 F2F	<b>Lab</b> M-W----	12:00-02:50 PM	06/01/15-07/22/15	SCI 211	Price K	<b>Closed</b>
Co-requisite to enroll in CHEM 124 (CRN 60377)						
<b>60386</b> 003 F2F	<b>Lab</b> M-W----	09:00-11:50 AM	06/01/15-07/22/15	SCI 211	Monzyk M	<b>Closed</b>
Co-requisite to enroll in CHEM 124 (CRN 60378)						
<b>60390</b> 050 F2F	<b>Lab</b> -T-R---	07:00-09:50 PM	06/02/15-07/23/15	SCI 211	Shah N	<b>Closed</b>
Co-requisite to enroll in CHEM 124 (CRN 60380)						
<b>60391</b> 051 F2F	<b>Lab</b> --W----	04:00-09:50 PM	06/03/15-07/22/15	SCI 211	Price K	<b>Closed</b>
Co-requisite to enroll in CHEM 124 (CRN 60381)						

## 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
<b>60392</b> 001 F2F	MTWR---	08:00-09:50 AM	06/01/15-07/23/15	GEB 217	Egan G	<b>Closed</b>
Co-requisite to enroll in CHEM 132 (CRN 60397)						
<b>60393</b> 002 F2F	MTWR---	10:00-11:50 AM	06/01/15-07/23/15	GEB 217	Ogdon F	<b>Closed</b>
Co-requisite to enroll in CHEM 132 (CRN 60398)						
<b>60394</b> 003 F2F	MTWR---	12:30-02:20 PM	06/01/15-07/23/15	GEB 217	Watson C	<b>Closed</b>

Co-requisite to enroll in CHEM 132 (CRN 60399)

<b>60395</b> 050 F2F	M-W----	06:00-08:50 PM	06/01/15-07/22/15	GEB 217	Weems J	<b>Closed</b>
	-T-R---	06:00-06:50 PM	06/02/15-07/23/15	GEB 217		

Co-requisite to enroll in CHEM 132 (CRN 60400)

<b>60396</b> 350 ONLNE	-----	-	06/01/15-07/23/15	Online	Franklin P	<b>Closed</b>
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Co-requisite to enroll in CHEM 132 (CRN 60401)

Note: Tests will be administered in the JCCC Testing Center. The corresponding lab will meet on campus.

## CHEM 132 - General Chemistry II Lab ▸

The laboratory consists of qualitative and quantitative experiments designed to parallel and support General Chemistry II Lecture. 3 hrs. lab/wk.

**Credit Hours:** 1

**Associated Costs:** \$60

**Prerequisites:** CHEM 124 and CHEM 125 and Corequisite: CHEM 131 Students who withdraw from GENERAL CHEMISTRY II LECTURE must also withdraw from the corresponding laboratory GENERAL CHEMISTRY II LABORATORY. Students may not withdraw from the laboratory course GENERAL CHEMISTRY II LABORATORY without withdrawing from CHEMISTRY II LECTURE.

Outline ([http://catalog.jccc.edu/coursedescriptions/chem/#CHEM\\_132](http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_132))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>60397</b> 001 F2F	Lab -T-R---	10:00-12:50 PM	06/02/15-07/23/15	SCI 213	Egan G	<b>Closed</b>
Co-requisite to enroll in CHEM 131 (CRN 60392)						
<b>60398</b> 002 F2F	Lab -T-R---	07:00-09:50 AM	06/02/15-07/23/15	SCI 213	Ogdon F	<b>Closed</b>
Co-requisite to enroll in CHEM 131 (CRN 60393)						
<b>60399</b> 003 F2F	Lab -T-R---	02:30-05:20 PM	06/02/15-07/23/15	SCI 213	Watson C	<b>Closed</b>
Co-requisite to enroll in CHEM 131 (CRN 60394)						
<b>60400</b> 050 F2F	Lab -T-R---	07:00-09:50 PM	06/02/15-07/23/15	SCI 213	Weems J	<b>Closed</b>
Co-requisite to enroll in CHEM 131 (CRN 60395)						
<b>60401</b> 051 F2F	Lab M-----	05:00-07:00 PM	06/01/15-06/01/15	CLB 112A	Franklin P	<b>Closed</b>
	Lab M-W----	05:00-07:50 PM	06/08/15-07/22/15	SCI 213		

Co-requisite to enroll in CHEM 131 (CRN 60396)

## 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
<b>60423</b> 001 F2F	MTWR---	08:00-09:15 AM	06/01/15-07/23/15	SCI 124	Watson C	<b>Closed</b>
	Lab MTWR---	09:30-12:20 PM	06/01/15-07/23/15	CLB 307		

## CHEM 250 - Biochemistry

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

**Credit Hours:** 4

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60424 001 F2F	MTWR---	08:00-09:50 AM	06/01/15-07/23/15	CLB 316	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
60653 002 F2F	M-W----	06:00-08:50 PM	06/01/15-07/22/15	RC 344	Pihl C	Closed
60654 350 ONLINE	-----	-	06/01/15-07/23/15	Online	McElravy M	Closed
60655 351 ONLINE	-----	-	06/01/15-07/23/15	Online	McElravy M	Closed

### 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
60657 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Stites G	Closed
60658 351 ONLINE	-----	-	06/01/15-07/23/15	Online	Stites G	Closed

## Cosmetology - Esthetics


### CO 127 - Intermediate Esthetics

This course provides class instruction in skin care. Topics include sanitation, skin sciences, waxing, skin treatments, makeup, business practices and state law. This class meets 105 lecture hours.

**Credit Hours:** 7

**Prerequisite:** for part-time and full-time students CO 120 Corequisites: for part-time and full-time students CO 128 and CO 129 (All courses must be completed with a grade of "C" or higher to advance.)

Outline ([http://catalog.jccc.edu/coursedescriptions/co/#CO\\_127](http://catalog.jccc.edu/coursedescriptions/co/#CO_127))

CRN	Days	Time	Date	Location	Instructor	Seats Open
60915 227 F2F	M-----	05:30-09:30 PM	05/11/15-09/14/15	 WPK 180	Vasquez J	Closed



### CO 128 - Intermediate Esthetics Lab

This class meets 122 laboratory hours of the 1,000 contact hours required by Kansas State Board of Cosmetology.

**Credit Hours:** 6

**Prerequisite:** for part- and full-time students CO 121 **Corequisites:** for part- and full-time students CO 127 and CO 129 (All courses must be completed with a grade of "C" or higher.)

[Outline \(http://catalog.jccc.edu/coursedescriptions/co/#CO\\_128\)](http://catalog.jccc.edu/coursedescriptions/co/#CO_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60916 228 F2F	-T-----	07:30-09:30 PM	05/12/15-09/15/15	WPK 131	Vasquez J	Closed
	--W----	05:30-09:30 PM	05/13/15-09/16/15	WPK 131		

### CO 129 - Intermediate Esthetics Clinical

This course provides skill instruction and practical application of skin care in a clinical setting. Topics include sanitation, skin sciences, waxing, skin treatments, makeup, business practices and state law. This class meets 112 clinical hours of the 1,000 contact hours required by the Kansas State Board of Cosmetology.

**Credit Hours:** 2

**Prerequisite:** for part- and full-time students CO 122 **Corequisites:** for part- and full-time students CO 127 and CO 128. (All courses must be completed with a grade of "C" or higher.)

[Outline \(http://catalog.jccc.edu/coursedescriptions/co/#CO\\_129\)](http://catalog.jccc.edu/coursedescriptions/co/#CO_129)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60917 229 F2F	-----S-	09:00-05:30 PM	05/16/15-09/19/15	WPK 131	Vasquez J	Closed

### 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
60603 001 F2F	M-----	11:00-01:45 PM	06/08/15-07/06/15	RC 355	Hanna A	Closed
60605 350 ONLNE	-----	-	06/03/15-07/01/15	Online	Mahring B	Closed
60606 351 ONLNE	-----	-	06/03/15-07/01/15	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
60607 350 ONLINE	-----	-	06/03/15-07/01/15	Online	Powers S	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
60608 350 ONLINE	-----	-	06/03/15-06/17/15	Online	Mahring B	Closed

Microsoft Word Office 2013

### CPCA 109 - Google Apps

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

**Credit Hours:** 1

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60930 350 ONLINE	-----	-	06/03/15-07/01/15	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
60609 001 F2F	--W----	06:00-08:45 PM	06/03/15-07/01/15	RC 353	Dinney M	Closed

Microsoft Excel Office 2013

60610 350 ONLINE	-----	-	06/03/15-06/17/15	Online	Smith C	Closed
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Microsoft Excel Office 2013

## CPCA 114 - Databases I: MS Access

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

**Credit Hours:** 1

**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
60612 350 ONLINE	-----	-	06/04/15-07/02/15	Online	Friedrichsen L	Closed

*Kansas Senate Bill SB 155*  
Microsoft Access Office 2013

## 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
60614 350 ONLINE	-----	-	06/03/15-06/17/15	Online	Smith C	Closed

Microsoft PowerPoint Office 2013

## 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
60616 001 F2F	-T-R--	11:00-01:45 PM	06/02/15-07/23/15	RC 355	Hanna A	Closed

Microsoft Office 2013

60620 002 F2F	-T-R--	06:00-08:45 PM	06/02/15-07/23/15	RC 355	Hansen A	Closed
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Microsoft Office 2013

60621 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Kosko J	Closed
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Microsoft Office 2013

60622 351 ONLINE	-----	-	06/01/15-07/23/15	Online	Kosko J	Closed
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Microsoft Office 2013

## 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
60624 350 ONLINE	-----	-	06/04/15-07/02/15	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 utilize fundamental logic, problem-solving techniques and key programming concepts to design, develop and test modular applications written in an object-oriented programming language. 3 hrs. lecture, 2 hrs. lab /wk.

**Credit Hours:** 4

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60663 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Hansen S	Closed
<i>Kansas Senate Bill SB 155</i>						
60664 351 ONLINE	-----	-	06/01/15-07/23/15	Online	Hansen S	Closed
<i>Kansas Senate Bill SB 155</i>						
60665 352 ONLINE	-----	-	06/01/15-07/23/15	Online	Chen I	Closed
<i>Kansas Senate Bill SB 155</i>						
60660 376 HYB	M-W----	02:00-04:50 PM	06/01/15-07/22/15	RC 380	Van Horn J	Closed
	-----	-	06/01/15-07/22/15	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						
60661 377 HYB	M-W----	06:00-08:50 PM	06/01/15-07/22/15	RC 380	Keller-Turbeville S	Closed
	-----	-	06/01/15-07/22/15	Online		
<i>Kansas Senate Bill SB 155</i>						
<i>Mandatory Classroom Meetings</i>						
60662 378 HYB	-T-R---	06:00-08:50 PM	06/02/15-07/23/15	RC 380	Keller-Turbeville S	Closed
	-----	-	06/02/15-07/23/15	Online		
<i>Kansas Senate Bill SB 155</i>						
<i>Mandatory Classroom Meetings</i>						

### CS 200 - Concepts of Programming Algorithms Using C++

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

**Credit Hours:** 4

**Associated Costs:** \$20 to 50

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

[Outline \(http://catalog.jccc.edu/coursedescriptions/cs/#CS\\_200\)](http://catalog.jccc.edu/coursedescriptions/cs/#CS_200)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60667 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Chen I	Closed

Note: Students will be required to take three exams on campus during the semester. Each exam will last approximately two hours. Flexible dates will be scheduled by the instructor. A certified proctoring center may also be a possibility, but any cost and arrangements are the responsibility of the student.

<b>60668</b> 376 HYB	-T-R--	02:00-04:50 PM	06/02/15-07/23/15	RC 347	Wallack P	<b>Closed</b>
	-----	-	06/02/15-07/23/15	<b>Online</b>		

Mandatory Classroom Meetings  
Kansas Senate Bill SB 155

<b>60666</b> 377 HYB	M-W----	06:00-08:50 PM	06/01/15-07/22/15	RC 361	Aljanabi A	<b>Closed</b>
	-----	-	06/01/15-07/22/15	<b>Online</b>		

Mandatory Classroom Meetings  
Kansas Senate Bill SB 155

### CS 205 - Concepts of Programming Algorithms using Java

This course emphasizes programming methodology and problem-solving using Java. Algorithm design and development, data abstraction, good programming style, testing and debugging will be presented. 3 hrs. lecture, 2 hrs. open lab/wk.

Note: Four-credit hour CS courses have two hours of open lab per week.

**Credit Hours:** 4

**Associated Costs:** \$20 to 50

**Prerequisite:** CIS 134 or CS 134 or ENGR 171 or equivalent experience

Outline ([http://catalog.jccc.edu/coursedescriptions/cs/#CS\\_205](http://catalog.jccc.edu/coursedescriptions/cs/#CS_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>60669</b> 376 HYB	-T-R--	06:00-08:50 PM	06/02/15-07/23/15	RC 361	Wallack P	<b>Closed</b>
	-----	-	06/02/15-07/23/15	<b>Online</b>		

Mandatory Classroom Meetings  
Kansas Senate Bill SB 155

### Dental Hygiene

#### DHYG 291 - Independent Study

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

**Credit Hours:** 1

**Associated Costs:** \$50 to 75

**Prerequisite:** 2.0 GPA minimum and department approval

Outline ([http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG\\_291](http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_291))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>60970</b> 001 IND	-----	-	06/08/15-07/19/15		Hanson C	<b>Closed</b>

### Drafting/CAD/AutoCAD

#### 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
60353 001 F2F	--W----	06:00-09:30 PM	06/03/15-07/22/15	ITC 126	Burton S	Closed

*Kansas Senate Bill SB 155*

Note: DRAF 143 will use REVIT 2014 for the completion of lab assignments

## 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
60355 001 F2F	M-W----	09:00-12:30 PM	06/01/15-07/22/15	ITC 128	Cline L	Closed
	Lab ----F--	09:00-12:30 PM	06/05/15-07/17/15	ITC 128		

*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
60356 500 INT	-----	-	06/01/15-07/23/15		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
60357 500 INT	-----	-	06/01/15-07/23/15		Hughes T	4 of 5

*Kansas Senate Bill SB 155*

Requirement: Department approval

## English for Academic Purposes

### 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
60446 001 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	CC 122	Gunbatar V	Closed
60447 005 F2F	-T-R---	06:00-08:30 PM	06/02/15-07/23/15	RC 342	Kastendick R	Closed

### 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
60449 001 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	CC 122	Gray A	Closed

### 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
60450 001 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	GEB 242	Shortridge M	Closed
60451 005 F2F	MTWR---	07:20-08:35 PM	06/01/15-07/23/15	CC 324	Shortridge M	Closed

### 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
60452 001 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	CC 329	Peters S	Closed
60453 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Milkowart H	Closed

### 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
60454 001 F2F	MTWR---	12:30-01:45 PM	06/01/15-07/23/15	CC 329	Gunbatar V	Closed
60455 005 F2F	-T-R---	06:00-08:30 PM	06/02/15-07/23/15	CC 122	Gray A	Closed

### 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
60456 001 F2F	MTWR---	12:30-01:45 PM	06/01/15-07/23/15	CC 122	Gray A	Closed
60457 005 F2F	-T-R---	06:00-08:30 PM	06/02/15-07/23/15	CC 329	Peters S	Closed

### 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
60459 001 F2F	MTWR---	08:00-09:15 AM	06/01/15-07/23/15	CC 122	Lychnikova E	Closed

### 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
60461 001 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	CC 329	Gunbatar V	Closed
60462 005 F2F	MTWR---	06:00-07:15 PM	06/01/15-07/23/15	CC 324	Woodward S	Closed

## 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
60002 001 F2F	MTWR---	12:30-01:45 PM	06/01/15-07/23/15	OCB 246	Syracuse F	Closed
60003 350 ONLNE	-----	-	06/01/15-07/23/15	Online	Young B	Closed
60004 351 ONLNE	-----	-	06/01/15-07/23/15	Online	Young B	Closed

### ECON 230 - Economics I

Upon successful completion of this course, the student should be able to use economic terminology and principles to explain and discuss basic macroeconomic concepts, including supply of and demand for products, national income determination, money and banking, and monetary and fiscal policy. The student enrolling in this course should have successfully completed one year of high school algebra or the equivalent. (Macro) 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/econ/#ECON\\_230](http://catalog.jccc.edu/coursedescriptions/econ/#ECON_230))

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60005 001 F2F	MTWR---	08:00-09:15 AM	06/01/15-07/23/15	OCB 246	Brogna A	Closed
60006 002 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	OCB 246	Syracuse F	Closed
60007 003 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	OCB 248	Okao A	Closed
60008 004 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	OCB 246	Postlewait J	Closed
60010 006 F2F	-T-R---	06:00-08:30 PM	06/02/15-07/23/15	OCB 248	Okao A	Closed
60011 350 ONLNE	-----	-	06/01/15-07/23/15	Online	Copeland D	Closed
60012 351 ONLNE	-----	-	06/01/15-07/23/15	Online	Copeland D	Closed
60013 352 ONLNE	-----	-	06/01/15-07/23/15	Online	Hadley S	Closed
60014 353 ONLNE	-----	-	06/01/15-07/23/15	Online	Hadley S	Closed

<b>60015</b> 354 ONLINE	-----	-	06/01/15-07/23/15	Online	Young B	Closed
<b>60016</b> 355 ONLINE	-----	-	06/01/15-07/23/15	Online	Karscig M	Closed

## ECON 231 - Economics II

Upon successful completion of this course, the student should be able to use economic terminology and principles to explain and discuss basic microeconomic concepts, including extended analysis of product supply and demand and theory of the firm and product and resource market structures. Students enrolling in this course should have successfully completed one year of high school algebra or the equivalent. (Micro) 3 hrs. lecture/wk.

**Credit Hours:** 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/econ/#ECON\\_231\)](http://catalog.jccc.edu/coursedescriptions/econ/#ECON_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>60017</b> 001 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	OCB 248	Brogna A	Closed
<b>60018</b> 002 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	OCB 246	Syracuse F	Closed
<b>60020</b> 004 F2F	-T-R---	06:00-08:30 PM	06/02/15-07/23/15	OCB 246	Karscig M	Closed
<b>60021</b> 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Copeland D	Closed
<b>60022</b> 351 ONLINE	-----	-	06/01/15-07/23/15	Online	Hadley S	Closed
<b>60023</b> 352 ONLINE	-----	-	06/01/15-07/23/15	Online	Clark L	Closed
<b>60024</b> 353 ONLINE	-----	-	06/01/15-07/23/15	Online	Brogna A	Closed
<b>60025</b> 354 ONLINE	-----	-	06/01/15-07/23/15	Online	Karscig M	Closed

## Education and Early Childhood

### 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
<b>60772</b> 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Salvato M	Closed
<b>60773</b> 351 ONLINE	-----	-	06/01/15-07/23/15	Online	Salvato M	Closed

## Electronics

### ELEC 122 - Circuit Analysis I

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

**Credit Hours:** 3

**Prerequisites:** ELEC 120 and either MATH 133 or MATH 130 or MATH 171

[Outline \(http://catalog.jccc.edu/coursedescriptions/elec/#ELEC\\_122\)](http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60958 001 F2F	-----	-	06/01/15-07/23/15		King M	Full

Kansas Senate Bill SB 155

## Electrical Technology

### ELTE 125 - Residential Wiring

This course covers residential wiring methods that include practical application and hands-on experience in implementing the code requirements. Installation rules and circuit designs for switches, receptacles, luminaires and appliances will also be discussed. The student will explore necessary skills to install electrical systems in a residential occupancy, meeting the minimum requirements as set forth in the current National Electrical Code (NEC). 3 hrs. lecture/wk. and 3 hrs. lab/wk.

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

**Credit Hours:** 4

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

**Prerequisite or corequisite:** ELTE 110 and ELTE 115

Outline ([http://catalog.jccc.edu/coursedescriptions/elte/#ELTE\\_125](http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
60587 001 F2F	-TWR---	05:00-06:50 PM	06/02/15-07/23/15	ATB 164	Randazzo C	Closed
	Lab -TWR---	07:00-08:50 PM	06/02/15-07/23/15	ATB 168B		

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
60588 500 INT	-----	-	06/01/15-07/23/15		Randazzo C	2 of 5

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. This course will meet the general education requirement for Health and/or Physical Education.

**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
60857 001 F2F	---R---	08:30-04:30 PM	06/04/15-06/18/15	 LCS 10	Schmitz J	Closed
60858 002 F2F	---R---	06:00-10:00 PM	06/04/15-07/02/15	SCI 101L	Allen D	Closed

	---R---	06:00-10:00 PM	06/04/15-07/02/15	SCI 101M		
	---R---	06:00-10:00 PM	06/04/15-07/02/15	SCI 101N		
<b>60860</b>	003 F2F	-T-RF--	12:00-05:00 PM	06/02/15-06/05/15	SCI 101L	Smith B <b>Closed</b>
		-T-RF--	12:00-05:00 PM	06/02/15-06/05/15	SCI 101M	
		-T-RF--	12:00-05:00 PM	06/02/15-06/05/15	SCI 101N	
		--W----	12:00-05:00 PM	06/03/15-06/03/15	SCI 112	

NOTE: EMS 121-003 is a one week CPR class starting Tuesday, June 2nd and ending Friday, June 5th.

## 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>60123</b>	001 F2F	-----	-	06/01/15-07/23/15	Online	Biggs S <b>Closed</b>
		-T-R---	01:00-05:30 PM	06/02/15-07/23/15	SCI 112	
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						
<b>60124</b>	002 F2F	MTW----	06:00-09:30 PM	06/01/15-07/22/15	SCI 101L	Ratliff W Heininger J <b>Closed</b>
		MTW----	06:00-09:30 PM	06/01/15-07/22/15	SCI 101M	
		MTW----	06:00-09:30 PM	06/01/15-07/22/15	SCI 101N	

*Kansas Senate Bill SB 155*

## EMS 133 - Emergency Medical Technician Practicum

EMT Practicum is designed to give the newly certified EMT-B the additional skills and confidence needed to successfully compete for a position as an EMT-B with an EMS service. Skills will include ambulance operation, driving, map reading, insurance billing and unit maintenance. This course will also provide high-fidelity scenario training in all aspects of the EMS call as well as extensive field lab time with a local EMS service. Students will participate in realistic medical emergency scenarios with "actors" playing life-like patients and bystanders as well as numerous field internship shifts on a licensed ambulance. Students will work through all phases of an ambulance call. They will be presented with complex patient care situations that require the development of critical thinking and decision-making skills. Students will be tested on their ability to lead a team of pre-hospital caregivers in the diagnosis, proper treatment and evacuation of a patient. Scenario simulations will be set up to be as lifelike as possible. 2 hrs. lecture, 10 hrs. lab/wk. This course is only offered in the summer.

**Credit Hours: 3**

**Prerequisites:** EMS 131 or equivalent and a copy of current EMT-B card

Outline ([http://catalog.jccc.edu/coursedescriptions/ems/#EMS\\_133](http://catalog.jccc.edu/coursedescriptions/ems/#EMS_133))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>60125</b>	001 F2F	MT-----	09:00-12:00 PM	06/01/15-08/17/15	SCI 101N	Craig S <b>Closed</b>

*Kansas Senate Bill SB 155*

## EMS 140 - Basic Cardiology and EKG Recognition

The health care worker with an understanding of ECG tracing will function more effectively when providing care for the cardiac patient. Increasing numbers of professionals are being called upon to utilize ECG tracing in their work settings, but without adequate knowledge of its use. This course will serve as both continuing education and the preparation for the job entry and/or job advancement. During the course, students will learn to apply monitoring and 12-lead electrodes, diagnose

ECG dysrhythmias and infarct locations, treat ECG dysrhythmias, and defibrillate ventricular fibrillation. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisites:** Prospective students should be certified in a health profession, i.e., EMT, RN, LPN, EMT-P.

Outline ([http://catalog.jccc.edu/coursedescriptions/ems/#EMS\\_140](http://catalog.jccc.edu/coursedescriptions/ems/#EMS_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
60856 001 F2F	M-W----	02:00-05:00 PM	06/01/15-07/22/15	SCI 116	Craig S	Closed

*Kansas Senate Bill SB 155*

## EMS 230 - MICT III Clinicals

MICT III is the third of four courses in advanced out-of-hospital emergency medical care leading to the opportunity to sit for the National Registry Examination for Paramedics. During MICT III, paramedic students have the opportunity to take the knowledge and skills gained in MICT I and II and apply them in actual supervised clinical practice. MICT III represents a brief, intense 14-week course in which knowledge and skills are synthesized and applied to patients under supervision of physicians and nurses in clinical practice in the emergency department, critical care unit, surgery/ recovery room, labor/delivery room, pediatric emergency department and burn center. Field observation lab and classroom and laboratory review are included as well. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee. 622 hrs. integrated lecture/lab and field/clinical experience.

**Credit Hours:** 12

**Prerequisite:** EMS 225 with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/coursedescriptions/ems/#EMS\\_230](http://catalog.jccc.edu/coursedescriptions/ems/#EMS_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
60126 001 F2F	MTWRF--	08:00-04:59 PM	05/25/15-08/30/15	SCI 101L	Wnek S Grubbs K Parker R	Closed
	MTWRF--	08:00-04:59 PM	05/25/15-08/30/15	SCI 101M		
	MTWRF--	08:00-04:59 PM	05/25/15-08/30/15	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
60209 002 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	CC 324	Biondo A	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. This course does not fulfill degree requirements and is not federal aid eligible.

**Credit Hours: 1**

[Outline \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_103\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_103)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60415 001 F2F	-----	-	06/01/15-07/23/15		Byrne K	Closed

*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. This course does not fulfill degree requirements. Students must take the JCCC writing assessment test. For more information, see a JCCC counselor. This course is in a sequence of courses leading to ENGL 121.

**Credit Hours: 3**

**Prerequisite:** ENGL 102 or appropriate score on assessment test

[Outline \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_106\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_106)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60205 002 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	LIB 359	Biondo A	Closed
60206 003 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	LIB 357	Devictor C	Closed
60208 005 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	CC 215	Anderson K	Closed
60190 350 ONLINE	-----	-	06/01/15-07/23/15	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. This course does not fulfill degree requirements and is not federal aid eligible.

**Credit Hours: 1**

[Outline \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_107\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_107)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60416 001 F2F	-----	-	06/01/15-07/23/15		Byrne K	Closed

*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. This course does not fulfill degree requirements and is not federal aid eligible.

**Credit Hours: 1**

[Outline \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_108\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_108)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60417 001 F2F	-----	-	06/01/15-07/23/15		Byrne K	Closed

*Writing Center Course*

## ENGL 109 - Proofreading Skills

This 1-credit module is designed to provide students with strategies and rules that will help them recognize and repair common grammar, usage and mechanical errors in their writing. This course focuses on the major and minor errors as set forth in the English program objectives (available in the Writing Center). Students will learn to recognize and correct these errors, not only on exercise sheets, but also in their own writing. This class meets by arrangement in the Writing Center. After registering for this course, the student should contact the Writing Center. 1 hr. lecture/wk. This course does not fulfill degree requirements and is not federal aid eligible.

**Credit Hours:** 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_109\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_109)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60418 001 F2F	-----	-	06/01/15-07/23/15		Byrne K	Closed

*Writing Center Course*

*Kansas Senate Bill SB 155*

## ENGL 110 - English Grammar Review

English Grammar Review helps students to review the parts of speech, elements of a sentence, basic sentence patterns, major sentence level errors, agreement errors and punctuation. Students are encouraged to practice writing. Course meets by arrangement in the Writing Center. After registering for this course, the student should contact the Writing Center. 1 hr. lecture/wk. This course does not fulfill degree requirements and is not federal aid eligible.

**Credit Hours:** 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_110\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60419 001 F2F	-----	-	06/01/15-07/23/15		Byrne K	Closed

*Writing Center Course*

## ENGL 112 - Research Skills

Research Skills is a review of the various aspects of the research process, beginning with limiting the subject and moving to revising the finished product. Emphasis is on the gathering of resource materials, synthesizing the information and developing an essay in which the resource information is used to support a thesis and is documented in an approved academic form. This course meets by arrangement in the Writing Center. After registering for this course, the student should contact the Writing Center. 1 hr. lecture/wk. This course does not fulfill degree requirements and is not federal aid eligible.

**Credit Hours:** 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_112\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_112)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60420 001 F2F	-----	-	06/01/15-07/23/15		Byrne K	Closed

*Writing Center Course*

## ENGL 115 - Revision Skills

Revision Skills is designed to instruct the practicing writer in skills needed to revise all writing, including business, college and personal writing. Students will use computer programs and self-paced materials. Revision Skills is intended to complement courses in which writing is assigned. Students will be encouraged to bring in business communication or college assignments to apply the learned skills. Course meets by arrangement in the Writing Center. After registering for this course, the student should contact the Writing Center. 1 hr. lecture/wk. This course does not fulfill degree requirements and is not federal aid eligible.

**Credit Hours:** 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_115\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60421 001 F2F	-----	-	06/01/15-07/23/15		Byrne K	Closed

*Writing Center Course*

## ENGL 120 - Writing in the Disciplines

This course is designed to complement and/or support classes in which writing is intrinsic to the curriculum and provide students with a process that can be applied to the variety of written assignments typically assigned in classes other than composition. Students will practice writing a variety of short papers using a prescribed process for each assignment. The course is individualized. Students enrolled in this class must come to the Writing Center, LIB 308, to make arrangements for their class schedule, to pick up a syllabus and other materials, and to be assigned an instructor. The course is a combination of written material and software. All completed work will be kept in a folder in the Writing Center. 1 hr. lecture/wk. Students should anticipate approximately 20 hours of work to complete the course. This course does not fulfill degree requirements and is not federal aid eligible.

**Credit Hours:** 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_120\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60422 001 F2F	-----	-	06/01/15-07/23/15		Byrne K	Closed

*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. This course may be offered as a Learning Communities (LCOM) section; see current credit schedule for LCOM details.

**Credit Hours:** 3

**Prerequisite:** ENGL 106 or appropriate placement test score or both EAP 113 and EAP 117.

[Outline \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_121\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60243 001 F2F	MTWR---	08:00-09:15 AM	06/01/15-07/23/15	CC 314	Boyer J	Closed
60244 002 F2F	MTWR---	08:00-09:15 AM	06/01/15-07/23/15	CC 215	Schmeer M	Closed
60245 003 F2F	MTWR---	08:00-10:30 AM	06/01/15-06/25/15	LIB 352	Jackson M	Closed
60246 004 F2F	MTWR---	08:00-10:30 AM	06/29/15-07/23/15	LIB 352	Schaff P	13 of 24
60247 010 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	CC 215	Schmeer M	Closed
60248 011 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	CC 316	Bennett S	Closed
60251 016 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	CC 316	Bennett S	Closed
60252 020 F2F	MTWR---	12:30-01:45 PM	06/01/15-07/23/15	LIB 357	Devictor C	Closed
60253 021 F2F	MTWR---	02:00-03:15 PM	06/01/15-07/23/15	CC 215	Brunner L	Closed
60254 025 F2F	MTWR---	10:45-01:15 PM	06/01/15-06/28/15	LIB 352	Jackson M	Closed
60255 026 F2F	MTWR---	10:45-01:15 PM	06/29/15-07/23/15	LIB 352	Schaff P	13 of 25
60439 030 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	ATB 133	Bell S	Closed
60331 035 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	CC 217	Longfellow B	Closed
60332 036 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	LIB 357	Pace A	Closed
60334 040 F2F	-T-R---	06:00-08:30 PM	06/02/15-07/23/15	CC 215	Chapman C	Closed
60337 041 F2F	-T-R---	06:00-08:30 PM	06/02/15-07/23/15	CC 217	Skidmore P	Closed
60192 351 ONLINE	-----	-	06/01/15-07/23/15	Online	Lycan B	Closed
60194 352 ONLINE	-----	-	06/01/15-07/23/15	Online	Davis D	Closed
60195 353 ONLINE	-----	-	06/01/15-07/23/15	Online	Browning M	Closed



<b>60196</b>	354 ONLINE	-----	-	06/01/15-07/23/15	Online	Kern S	Closed
<b>60197</b>	355 ONLINE	-----	-	06/01/15-07/23/15	Online	Paldino L	Closed
<b>60198</b>	356 ONLINE	-----	-	06/01/15-07/23/15	Online	Petrillo S	Closed
<b>60200</b>	357 ONLINE	-----	-	06/01/15-07/23/15	Online	Frazier C	Closed
<b>60202</b>	358 ONLINE	-----	-	06/01/15-07/23/15	Online	Reynolds T	Closed
<b>60193</b>	359 ONLINE	-----	-	06/01/15-07/23/15	Online	Lycan B	Closed
<b>60203</b>	360 ONLINE	-----	-	06/01/15-07/23/15	Online	Browning M	Closed
<b>60732</b>	362 ONLINE	-----	-	06/01/15-07/23/15	Online	Petrillo S	Closed
<b>60215</b>	426 SEL	-----	-	06/01/15-07/28/16	Self Paced	Ganguly Puckett S	6 of 20

Note: Enrollment for ENGL 121-426 starts on April 1 and ends on July 1, 2015 or until full. For more information and permission to enroll in this self-paced class, please Prof. Ganguly-Puckett at 913 469-8500, ext. 4576 or e-mail her at [sganguly@jccc.edu](mailto:sganguly@jccc.edu).

Requirement: Department approval

## ENGL 122 - Composition II

Because so much writing is required in college and in the workplace demands the ability to synthesize information gathered from various sources, Composition II will focus on skills essential to gathering, comprehending, analyzing, evaluating and synthesizing information. Composition II also emphasizes organizing and polishing steps important in composing expository, evaluative and persuasive prose. 3 hrs. lecture/wk. This course may be offered as a Learning Communities (LCOM) section; see current credit schedule for LCOM details.

**Credit Hours:** 3

**Prerequisite:** ENGL 121

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_122](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
<b>60264</b>	001 F2F	MTWR---	08:00-09:15 AM	06/01/15-07/23/15	CC 324	Luthi G	Closed
<b>60265</b>	002 F2F	MTWR---	08:00-09:15 AM	06/01/15-07/23/15	LIB 357	Davis M	Closed
<b>60266</b>	004 F2F	MTWR---	08:00-10:30 AM	06/01/15-06/25/15	CC 217	Rollins T	Closed
<b>60267</b>	005 F2F	MTWR---	08:00-10:30 AM	06/29/15-07/23/15	CC 217	Jackson M	22 of 24
<b>60268</b>	010 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	CC 324	Luthi G	Closed
<b>60269</b>	011 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	LIB 357	Davis M	Closed
<b>60270</b>	012 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	ATB 132	Gulley B	Closed
<b>60271</b>	015 F2F	MTWR---	10:45-01:15 PM	06/01/15-06/25/15	CC 217	Rollins T	Closed
<b>60272</b>	016 F2F	MTWR---	10:45-01:15 PM	06/29/15-07/23/15	CC 217	Jackson M	20 of 24
<b>60273</b>	020 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	CC 314	Carpenter W	Closed
<b>60442</b>	024 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	ATB 132	Gulley B	Closed
<b>60338</b>	025 F2F	MTWR---	12:30-01:45 PM	06/01/15-07/23/15	CC 314	Carpenter W	Closed
<b>60339</b>	030 F2F	MTWR---	02:00-03:15 PM	06/01/15-07/23/15	ATB 134	Alexander D	Closed
<b>60340</b>	035 F2F	M-W----	04:00-06:30 PM	06/01/15-07/22/15	CC 316	Brunner L	Closed
<b>60341</b>	037 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	LIB 359	Skidmore P	Closed
<b>60360</b>	039 F2F	M-W----	07:00-09:30 PM	06/01/15-07/22/15	CC 316	Edie S	Closed
<b>60362</b>	041 F2F	-T-R---	06:00-08:30 PM	06/02/15-07/23/15	LIB 357	Pace A	Closed
<b>60363</b>	045 F2F	-T-R---	07:00-09:30 PM	06/02/15-07/23/15	LIB 352	Small J	Closed

<b>60221</b>	351 ONLINE	-----	-	06/01/15-07/23/15	Online	Lane J	Closed
<b>60222</b>	352 ONLINE	-----	-	06/01/15-07/23/15	Online	Cooper J	Closed
<b>60223</b>	353 ONLINE	-----	-	06/01/15-07/23/15	Online	Knight E	Closed
<b>60224</b>	354 ONLINE	-----	-	06/01/15-07/23/15	Online	Heflin R	Closed
<b>60225</b>	355 ONLINE	-----	-	06/01/15-07/23/15	Online	Davis D	Closed
<b>60226</b>	356 ONLINE	-----	-	06/01/15-07/23/15	Online	Funari A	Closed
<b>60227</b>	357 ONLINE	-----	-	06/01/15-07/23/15	Online	Ganguly Puckett S	Closed
<b>60228</b>	358 ONLINE	-----	-	06/01/15-07/23/15	Online	Lane J	Closed
<b>60229</b>	359 ONLINE	-----	-	06/01/15-07/23/15	Online	Cooper J	Closed
<b>60230</b>	360 ONLINE	-----	-	06/01/15-07/23/15	Online	Knight E	Closed
<b>60231</b>	361 ONLINE	-----	-	06/01/15-07/23/15	Online	Heflin R	Closed
<b>60232</b>	362 ONLINE	-----	-	06/01/15-07/23/15	Online	Jenab F	Closed
<b>60959</b>	363 ONLINE	-----	-	06/01/15-07/23/15	Online	Kern S	Closed
<b>60233</b>	426 SEL	-----	-	06/01/15-07/28/16	Self Paced	Fitzpatrick M	Full

Note: Enrollment for ENGL 122-426 starts on April 1 and ends on July 1, 2015 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 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
<b>60187</b>	350 ONLINE	-----	-	06/01/15-07/23/15	Online	Gerson S	Closed
<b>60188</b>	351 ONLINE	-----	-	06/01/15-07/23/15	Online	Gerson S	Closed
<b>60189</b>	352 ONLINE	-----	-	06/01/15-07/23/15	Online	Gerson S	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
<b>60256</b>	001 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	ATB 133	Fitzpatrick M	Closed
<b>60257</b>	003 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	ATB 134	Small J	Closed

<b>60258</b> 005 F2F	-T-R---	06:00-08:30 PM	06/02/15-07/23/15	ATB 132	Edie S	<b>Closed</b>
<b>60210</b> 350 ONLINE	-----	-	06/01/15-07/23/15	<b>Online</b>	Geekie K	<b>Closed</b>
<b>60212</b> 352 ONLINE	-----	-	06/01/15-07/23/15	<b>Online</b>	Hogan Adams M	<b>Closed</b>
<b>60213</b> 353 ONLINE	-----	-	06/01/15-07/23/15	<b>Online</b>	Funari A	<b>Closed</b>
<b>60214</b> 426 SEL	-----	-	06/01/15-07/28/16	<b>Self Paced</b>	Ganguly Puckett S	15 of 20

Note: Enrollment for ENGL 130-426 starts on April 1 and ends on July 1, 2015 or until full. For more information and permission to enroll in this self-paced class, please Prof. Ganguly-Puckett at 913 469-8500, ext. 4576 or e-mail her at sganguly@jccc.edu.

Requirement: Department approval

## ENGL 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
<b>60217</b> 350 ONLINE	-----	-	06/01/15-07/23/15	<b>Online</b>	Hogan Adams M	<b>Closed</b>

## 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
<b>60236</b> 351 ONLINE	-----	-	06/01/15-07/23/15	<b>Online</b>	Davis D	<b>Closed</b>
<b>60237</b> 352 ONLINE	-----	-	06/01/15-07/23/15	<b>Online</b>	Werkmeister S	<b>Closed</b>
<b>60238</b> 353 ONLINE	-----	-	06/01/15-07/23/15	<b>Online</b>	Davis D	<b>Closed</b>

## 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
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## ENGL 232H - HON: Children's Literature

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

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_232H](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_232H))

CRN	Days	Time	Date	Location	Instructor	Seats Open
60974 01H F2F	-----	-	06/01/15-07/23/15	COM 201	Senter M	Closed

## ENGL 236 - British Literature I

In this survey course, the student will study British literature written up to 1800, ranging from the Anglo-Saxon to the Augustan eras, including works by major authors, such as Chaucer, Shakespeare, Milton, and Swift. The course will emphasize the relationships among influential writers, their lives and times. Additionally, the student will explore the literary differences between the British culture and one other culture that was governed by the British Empire. Such non-British literary works may be from Australia, India, Asia, and various regions of Africa, or the Middle East. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite:** ENGL 122

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_236](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_236))

CRN	Days	Time	Date	Location	Instructor	Seats Open
60219 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Werkmeister S	Closed

## ENGL 244 - Literature of American Popular Music

Students read, analyze, evaluate and discuss the literature surrounding American popular music. No less than any other form of literature, all genres of American popular music are intertwined, engaged in dialogue, and revealing of the American experience. By engaging with, comparing and evaluating the conversations between popular music and fiction, poetry, and criticism, students will explore the social, historical, political, and cultural contexts relevant to the literature. Through this process, students will discover, analyze, synthesize and evaluate the ongoing negotiations between a great diversity of cultural aesthetics, political interests and public opinions in the shaping of American identity. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite:** ENGL 122

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_244](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_244))

CRN	Days	Time	Date	Location	Instructor	Seats Open
60220 001 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	ATB 134	Alexander D	Closed

## Engineering

### ENGR 251 - Statics

Upon successful completion of this course, the student should be able to describe and predict the conditions of rest and motion of bodies under the action of forces. The principles used will include vectors, force systems, equilibrium, free body diagram, centroids, moments of inertia, trusses, frame, and shear and moment diagrams. This course is typically offered in the summer and fall semesters. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite:** MATH 242 and Prerequisite or Corequisite: PHYS 220

Outline ([http://catalog.jccc.edu/coursedescriptions/engr/#ENGR\\_251](http://catalog.jccc.edu/coursedescriptions/engr/#ENGR_251))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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## Entrepreneurship

### 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
60031 500 INT	-----	-	06/01/15-07/23/15		Duffey D	18 of 20

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
60032 500 INT	-----	-	06/01/15-07/23/15		Duffey D	18 of 20

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
60111 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Rhodes J	Closed

Kansas Senate Bill SB 155

### 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
60113 002 F2F	-T-R---	11:00-04:45 PM	06/02/15-07/23/15	OCB 343A	Delaney G	Closed
<i>Kansas Senate Bill SB 155</i>						
60928 003 F2F	M-W----	11:00-04:45 PM	06/01/15-07/22/15	OCB 343A	Mayo S	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
60115 002 F2F	-T-R---	11:00-04:45 PM	06/02/15-07/23/15	OCB 343A	Delaney G	Closed
<i>Kansas Senate Bill SB 155</i>						
60929 003 F2F	M-W----	11:00-04:45 PM	06/01/15-07/22/15	OCB 343A	Mayo S	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
60927 001 F2F	-T-R---	09:00-02:45 PM	06/02/15-07/23/15	GEB 354	Lapping J	Closed
<i>Kansas Senate Bill SB 155</i>						

## FASH 143 - Tailoring

Upon successful completion of this course, the student should be able to apply advanced construction principles, techniques and skills in the production of tailored garments. This course is a continuation of FASH 124, Apparel Construction II. The class will use lecture, demonstration and hands-on experience as the student completes a trial muslin for a jacket or coat plus a finished three-piece ensemble of advanced complexity during this class. 6 hrs. integrated lecture/lab/wk.

**Credit Hours:** 4

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

**Prerequisite:** FASH 124

[Outline \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_143\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_143)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60961 002 F2F	-T-R---	11:00-04:45 PM	06/02/15-07/23/15	OCB 343A	Delaney G	Closed

**60967** 200 F2F M-W---- 11:00-04:45 PM 06/01/15-07/22/15 OCB 343A Mayo S **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
<b>60117</b> 350 ONLINE	-----	-	06/01/15-07/23/15	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
<b>60118</b> 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Benjamin B	Closed

## 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
<b>60119</b> 500 INT	-----	-	06/01/15-07/23/15		McCrillis J	12 of 20

Kansas Senate Bill SB 155

## FASH 284 - Fashion Internship II

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. The student will receive 225 hours of work experience in an approved training situation designed to provide practical experience in the fashion industry. An average of 15 hours on-the-job training/wk.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_284](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_284))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>60120</b> 501 INT	-----	-	06/01/15-07/23/15		McCrillis J	18 of 20

Kansas Senate Bill SB 155

## FASH 285 - Fashion Internship III

Upon successful completion of this course, the student should be able to demonstrate the skills required to advance to an entry-level management position. The student will receive 225 hours of work experience in an approved training situation designed to provide practical experience in the fashion industry. An average of 15 hours on-the-job training is required/wk.

**Credit Hours: 1**

[Outline \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_285\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_285)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60121 502 INT	-----	-	06/01/15-07/23/15		McCrillis J	18 of 20

*Kansas Senate Bill SB 155*

## FASH 286 - Fashion Internship IV

Upon successful completion of this course, the student will have received 225 hours of work experience in an approved training environment. The student should be able to demonstrate the skills required in an entry level management position. An average of 15 hours on the job training/wk. is required.

**Credit Hours: 1**

**Prerequisites:** FASH 283 and FASH 284 and FASH 285 and 40 hours toward degree in Fashion Merchandising

[Outline \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_286\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_286)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60122 503 INT	-----	-	06/01/15-07/23/15		McCrillis J	19 of 20

*Kansas Senate Bill SB 155*

## Foreign Language

### FL 120 - Elementary German I

This course presents the sounds, vocabulary and basic structural patterns of German, focusing on the development of listening comprehension, speaking, reading and writing skills. Cultural material will be integrated into the course. 5 hrs. lecture/wk.

**Credit Hours: 5**

[Outline \(http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_120\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60748 001 F2F	MTWR---	10:30-12:45 PM	06/01/15-07/23/15	GEB 281	Littrell A	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
60749 001 F2F	MTWR---	08:00-10:15 AM	06/01/15-07/23/15	CC 323	Gonzalez E	Closed
60750 002 F2F	MTWR---	01:00-03:15 PM	06/01/15-07/23/15	CC 323	Stear E	Closed
60751 376 HYB	M-W----	08:00-08:50 PM	06/01/15-07/22/15	GEB 311	Hillen J	Closed
	-----	-	06/01/15-07/22/15	Online		

*Mandatory Classroom Meetings*

Note: For more information, contact the instructor, Jim Hillen at [jhillen@jccc.edu](mailto:jhillen@jccc.edu).

60752 377 HYB	-T-R---	08:00-08:50 AM	06/02/15-07/23/15	GEB 311	Hillen J	Closed
	-----	-	06/02/15-07/23/15	Online		



## 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
60753 001 F2F	MTWR---	10:30-12:45 PM	06/01/15-07/23/15	CC 323	Tredway S	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
60754 001 F2F	MTWR---	08:00-10:15 AM	06/01/15-07/23/15	GEB 281	Perriguet-Keene H	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
60322 001 F2F	MTW----	08:00-11:05 AM	06/01/15-07/22/15	GEB 215	Kuhns K	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
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Kansas Senate Bill SB 155

Note: Until May 15, 2015, this section is only available for enrollment to students who have been accepted into the Interpreter Training Program. After May 15, 2015, anyone may enroll if there are seats available.

**FL 223 - Conversational German**

By applying vocabulary and structures presented in the text and handouts and by applying knowledge gained in a systematic review of German, the successful student will be able to communicate in German in situations that typically arise while traveling in a German-speaking country. Placement test recommended: can be taken at the Testing Center. 2 hrs. lecture/wk.

**Credit Hours:** 2**Prerequisite:** FL 121 or two years of high-school German
[Outline \(http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_223\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_223)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60921 001 F2F	MTWR---	06:00-07:40 PM	06/01/15-06/25/15	GEB 281	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
60756 001 F2F	MTWR---	08:00-09:15 AM	06/01/15-07/23/15	CC 318	Tredway S	Closed
60757 002 F2F	-T-R---	06:00-08:30 PM	06/02/15-07/23/15	CC 323	Sommerville A	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
60758 001 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	GEB 242	Finnie J	Closed
60760 002 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	CC 323	Finnie J	Closed

**FL 234H - HON: Conversational Spanish**

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

**Credit Hours:** 1
[Outline \(http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_234H\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_234H)

CRN	Days	Time	Date	Location	Instructor	Seats Open
	-----	-	06/01/15-07/23/15	COM 201	Cooper S	Closed

## Floriculture

### FLR 200 - Plants for Interior Design

This course discusses the basic aspects of healthy plant growth, including the functions of the root system and the leaf. Photosynthesis, respiration, and transpiration are explained, and the factors that affect these processes are discussed. Students will also learn Plant Nomenclature (common names and scientific names) for many plants. Students will be able to diagnose an unhealthy plant and determine the necessary steps needed to take to bring it back to health. The course will help students obtain a greater appreciation of foliage and blooming plants and understand their role in improving the interior environment. 2 hrs.lecture and 3 hrs instructional lab/wk.

**Credit Hours:** 3

**Associated Costs:** \$100

Outline ([http://catalog.jccc.edu/coursedescriptions/flr/#FLR\\_200](http://catalog.jccc.edu/coursedescriptions/flr/#FLR_200))

CRN	Days	Time	Date	Location	Instructor	Seats Open
60679 001 F2F	M-----	08:00-12:59 PM	06/01/15-07/20/15	HSC 121	Ryan D	Closed
	-T-----	08:00-02:30 PM	06/02/15-07/21/15	HSC 124		

*Kansas Senate Bill SB 155*

## Game Development

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

### GAME 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
60370 350 ONLNE	-----	-	06/01/15-07/23/15	Online	Lane L	Closed

*Kansas Senate Bill SB 155*

### GAME 105 - Beginning Game Creation

This course is designed to present the skills and to provide the hands-on experience required to create computer games utilizing game development tools that require no programming. Topics will include learning how to build games with a game development environment, the basic ideas of game design and an introduction to building 3D levels. Students should learn how to build a variety of games, include sound effects and simple animation effects in games, use simple analysis tools to evaluate games, build a 3D level, and create an original game as a term project. 3 hrs. lecture/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/game/#GAME\\_105](http://catalog.jccc.edu/coursedescriptions/game/#GAME_105))

CRN	Days	Time	Date	Location	Instructor	Seats Open
60371 350 ONLNE	-----	-	06/01/15-07/23/15	Online	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
<b>60776</b> 001 F2F	-T-----	06:00-08:30 PM	06/02/15-07/21/15	LIB 312	Hawkins P	<b>Closed</b>
	---R---	06:00-08:30 PM	06/04/15-07/23/15	SCI 222		
<i>Kansas Senate Bill SB 155</i>						
<b>60777</b> 002 F2F	--W----	06:00-08:30 PM	06/03/15-07/22/15	LIB 312	Hawkins P	<b>Closed</b>
	---R---	06:00-08:30 PM	06/04/15-07/23/15	SCI 222		
<i>Kansas Senate Bill SB 155</i>						

## Geoscience

### 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
<b>60425</b> 001 F2F	-T-R---	09:00-11:50 AM	06/02/15-07/23/15	CLB 412	Maher J	<b>Closed</b>
<b>60426</b> 050 F2F	-T-R---	06:00-08:50 PM	06/02/15-07/23/15	CLB 412	Smalley C	<b>Closed</b>

### 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
<b>60427</b> 001 F2F	-T-R---	01:00-03:50 PM	06/02/15-07/23/15	CLB 412	Maher J	<b>Closed</b>
<b>60670</b> 002 F2F	M-W----	09:00-11:50 AM	06/01/15-07/22/15	CLB 412	Anderson C	<b>Closed</b>
<b>60428</b> 050 F2F	M-W----	06:00-08:50 PM	06/01/15-07/22/15	CLB 412	Anderson C	<b>Closed</b>

## Health Care


### 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
60164 376 HYB	-T-----	06:00-08:30 PM	06/02/15-07/21/15	CC 331	Merchant A	Closed
	-----	-	06/02/15-07/21/15	Online		
<i>Kansas Senate Bill SB 155</i>						
<i>Mandatory Classroom Meetings</i>						
60165 377 HYB	---R---	06:00-08:30 PM	06/04/15-07/23/15	CC 331	Merchant A	Closed
	-----	-	06/04/15-07/23/15	Online		
<i>Kansas Senate Bill SB 155</i>						
<i>Mandatory Classroom Meetings</i>						
60628 380 HYB	-T-----	08:30-11:30 AM	06/02/15-07/21/15	 OHEC 217	Laughlin M	Closed
	-----	-	06/02/15-07/21/15	Online		
<i>Kansas Senate Bill SB 155</i>						
<i>Mandatory Classroom Meetings</i>						

## Health Care Interpreting

### HCI 180 - Medical Interpreting Practicum


Students will observe and interpret at assigned medical facilities, participate in organized class discussions about their interpreting experiences and develop a personal philosophy of interpreting. Both classroom meetings and fieldwork are required for this class. 2 hrs. lecture/wk.

**Credit Hours:** 2

**Associated Costs:** \$20

**Prerequisites:** HCI 130 with a grade of "C" or higher and HCI 140 with a grade of "C" or higher and Prerequisite or corequisite: HC 101 with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/coursedescriptions/hci/#HCI\\_180](http://catalog.jccc.edu/coursedescriptions/hci/#HCI_180))

CRN	Days	Time	Date	Location	Instructor	Seats Open
60774 500 INT	-T-----	06:00-09:00 PM	06/02/15-07/21/15	 KUMED	Groneman B	Full
	-----	-	06/02/15-07/21/15	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Kansas Senate Bill SB 155</i>						
Note: This class will meet in the instructor's office at KU Medical Center, CRC 1100. Contact Brooke Groneman for more information at <a href="mailto:bgronema@jccc.edu">bgronema@jccc.edu</a> .						
Requirement: Department approval						

## Health Care Info Systems

### HCIS 230 - Introduction to Health Information Systems

This course provides an overview of the major concepts of health information systems for individuals with backgrounds in information technology (IT) or healthcare who are considering a transition into health information systems. 2 hrs. lecture/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 4928 for approval.

**Credit Hours:** 2

**Prerequisite:** Department approval

Outline ([http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS\\_230](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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## 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.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 4928 for approval.

**Credit Hours:** 2

**Prerequisite:** Department approval

Outline ([http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS\\_255](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_255))

CRN	Days	Time	Date	Location	Instructor	Seats Open
60240 350 ONLINE	-----	-	06/01/15-06/29/15	Online	Brooks L	Closed

Kansas Senate Bill SB 155

## 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.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 4928 for approval.

**Credit Hours:** 2

**Prerequisite:** Department approval

Outline ([http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS\\_263](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_263))

CRN	Days	Time	Date	Location	Instructor	Seats Open
60926 350 ONLINE	-----	-	06/01/15-06/29/15	Online	Lingerfelt D	Closed

Kansas Senate Bill SB 155

## HCIS 272 - Terminology in Health Care Settings

This course introduces students to terminology and clinical procedures associated with body systems. It also covers terminology related to health information management (HIM), health information technology (HIT), and public health. 2 hrs. lecture/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 4928 for approval.

**Credit Hours:** 2

**Prerequisite:** Department approval

Outline ([http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS\\_272](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_272))

CRN	Days	Time	Date	Location	Instructor	Seats Open
60241 350 ONLINE	-----	-	06/01/15-06/29/15	Online	Foley S	Closed

Kansas Senate Bill SB 155

## History

### HIST 125 - Western Civilization: Ancient World to the Renaissance

The course explores the major developments, ideas and personalities that have shaped Western civilization. Organized around a readings and discussion format, students engage some of the world's most provocative and influential literature. Western Civilization: Ancient World to the Renaissance begins with the ancient cultures of the Middle East, Greece and Rome and follows the development of Western thought from the medieval period to the Renaissance and Reformation. 3 hrs.

lecture/wk. It is not necessary to take HIST 125 before HIST 126.

**Credit Hours:** 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_125\)](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_125) | [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60685 002 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	GP 102	Taylor D	Closed
60686 003 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	GP 102	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
60687 001 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	GP 101	Murtaugh D	Closed
60688 002 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	GP 101	Murtaugh D	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
60689 001 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	CC 338	Hoare T	Closed
60690 350 ONLINE	-----	-	06/01/15-07/23/15	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. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

**Credit Hours:** 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_140\)](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_140) | [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60691 001 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	CC 126A	Harvey D	Closed
60693 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Dobson P	Closed
60694 351 ONLINE	-----	-	06/01/15-07/23/15	Online	Dobson P	Closed
60695 352 ONLINE	-----	-	06/01/15-07/23/15	Online	Mack J	Closed
60696 353 ONLINE	-----	-	06/01/15-07/23/15	Online	Mack J	Closed

60697 354 ONLINE ----- - 06/01/15-07/23/15 Online Dobson P 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. This course may be offered as a Learning Communities (LCOM) section; see current credit schedule for LCOM details.

**Credit Hours:** 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hist#HIST\\_141\)](http://catalog.jccc.edu/coursedescriptions/hist#HIST_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60698 001 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	CC 126B	Walker B	Closed
60699 002 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	CC 126B	Walker B	Closed
60700 003 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	CC 126A	Walker B	Closed
60701 004 F2F	MTWR---	09:30-12:00 PM	06/29/15-07/23/15	GEB 279	Rider J	19 of 32
60702 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Boyle S	Closed
60703 351 ONLINE	-----	-	06/01/15-07/23/15	Online	Boyle S	Closed
60704 352 ONLINE	-----	-	06/01/15-07/23/15	Online	Boyle S	Closed
60705 353 ONLINE	-----	-	06/01/15-07/23/15	Online	Clark V	Closed
60706 354 ONLINE	-----	-	06/01/15-07/23/15	Online	Mischka S	Closed
60707 355 ONLINE	-----	-	06/01/15-07/23/15	Online	Mischka S	Closed

## 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
60708 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Boucher D	Closed

## Home Economics

### HMEC 151 - Nutrition and Meal Planning ▾

This course covers the food groups, 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 lifespan. This is a required course for the food and beverage management, chef apprenticeship and dietary manager programs. This course meets the general education requirement for Health and/or Physical Education. 3 hrs. lecture/wk

**Credit Hours:** 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hmec#HMEC\\_151\)](http://catalog.jccc.edu/coursedescriptions/hmec#HMEC_151)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60747 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Tripe J	Closed
60941 351 ONLINE	-----	-	06/01/15-07/23/15	Online	Tripe J	Closed



## Hospitality Management

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

### HMGT 120 - Food Service Sanitation

This course covers the basic principles of providing and serving safe food. It also provides the student with safe food-handling procedures necessary to manage a sanitary and safe food service operation in compliance with the National Food code and the National Restaurant Association. The successful completion of the Serv Safe Sanitation exam will result in a national sanitation certification. 1 hr. lecture/wk.

**Credit Hours:** 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_120\)](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_120) | [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60586 001 F2F	-T-----	09:00-05:00 PM	06/02/15-06/09/15	HCA 115	Gray J	Closed

*Kansas Senate Bill SB 155*

Note: This class only meets on June 2 and June 9.

### 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
60905 500 INT	-----	-	06/01/15-07/23/15		Hoerz D	12 of 24

### 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
60259 500 INT	-----	-	06/01/15-07/23/15		Sturmer F	5 of 5

*Kansas Senate Bill SB 155*

Requirement: Department approval

### HMGT 282 - Culinary Arts Practicum II

A qualified chef who is a member of the American Culinary Federation will supervise this on-the-job apprentice training. Upon successful completion of this course, the student should be able to apply food preparation and presentation techniques and gain experience in all phases of food service operation. This course is a continuation of Culinary Arts Practicum I.

**Credit Hours:** 2

**Prerequisite:** HMGT 281

[Outline \(http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_282\)](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_282)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60260 501 INT	-----	-	06/01/15-07/23/15		Sturmer F	9 of 10

*Kansas Senate Bill SB 155*  
Requirement: Department approval

### 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
60261 502 INT	-----	-	06/01/15-07/23/15		Sturmer F	6 of 10

*Kansas Senate Bill SB 155*  
Requirement: Department approval

### 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
60262 503 INT	-----	-	06/01/15-07/23/15		Sturmer F	9 of 10

*Kansas Senate Bill SB 155*  
Requirement: Department approval

### 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
60263 504 INT	-----	-	06/01/15-07/23/15		Sturmer F	7 of 10

*Kansas Senate Bill SB 155*  
Requirement: Department approval

### Horticulture

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

## HORT 150 - Fruits, Vegetables and Herb Crops

This course is designed to familiarize garden center employees with the plant materials and production of crops many homeowners use and grow. This course will help the employee answer many homeowner questions about production, varieties and potential crop problems. Home hobbyists may also wish to enroll in this course. 1 hr. lecture, 2 hrs. lab/wk.

**Credit Hours:** 2

Outline ([http://catalog.jccc.edu/coursedescriptions/hort/#HORT\\_150](http://catalog.jccc.edu/coursedescriptions/hort/#HORT_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
60433 050 F2F	-T-----	06:00-08:00 PM	06/02/15-07/21/15	HSC 121	Kumar L	Closed
	Lab ---R---	06:00-10:00 PM	06/04/15-07/23/15	HSC 121		

*Kansas Senate Bill SB 155*

## HORT 160 - Garden Center Operations

This course is designed for garden center employees and provides background on the elements necessary for success in a competitive retail environment. The business organization is emphasized, including environmental monitoring, selling, inventory issues, merchandising, advertising, cost effectiveness, labor/team relationships and customer service. In addition, safety and legal issues are examined. 3 hrs. lecture/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/hort/#HORT\\_160](http://catalog.jccc.edu/coursedescriptions/hort/#HORT_160))

CRN	Days	Time	Date	Location	Instructor	Seats Open
60430 050 F2F	-T-----	08:00-05:00 PM	06/02/15-06/30/15	HSC 121	Stevens A	Closed

*Kansas Senate Bill SB 155*

Note: Students will be visiting and getting trained in-depth, on location, at garden centers.

## HORT 214 - Woody Plants I, Deciduous

The class places emphasis on identification, ornamental characters, site requirements, and use of woody ornamental deciduous trees and shrubs with special emphasis on the cultivated varieties in climatic zones 5 and 6. Plant uses and seasonal effects and influences that affect plant choices will be also be taught. This course will assist the grounds maintenance employee, landscaper, and garden center employee in identifying plant materials used in the landscape. 2 hrs. lecture, 3 hrs. lab/wk.

**Credit Hours:** 3

**Associated Costs:** \$10

Outline ([http://catalog.jccc.edu/coursedescriptions/hort/#HORT\\_214](http://catalog.jccc.edu/coursedescriptions/hort/#HORT_214))

CRN	Days	Time	Date	Location	Instructor	Seats Open
60431 380 HYB	-----	-	06/01/15-07/23/15	Online	Sreedhar L	Closed
	Lab -----	-	06/01/15-07/23/15	Online		
	Lab --W----	06:00-09:00 PM	06/03/15-07/22/15	HSC 121		

*Kansas Senate Bill SB 155*

*Mandatory Classroom Meetings*

Note: Lecture notes posted on-line prior to each class will introduce you to the course material. Lecture notes will be discussed in class. Labs will be hands-on, on campus, unless indicated otherwise in the syllabus. Make sure to read the relevant chapter(s) in your text book and the lecture notes before coming to class.

## 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
60434 500 INT	-----	-	06/01/15-07/23/15		Sreedhar L	7 of 10

*Kansas Senate Bill SB 155*  
Requirement: Department approval

## Physical Ed, Health & Rec

### HPER 100 - Basketball (Beginning)

Students will have an opportunity to learn fundamental basketball skills through demonstration and discussion of strategies for team play. Emphasis is on individual participation. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

**Credit Hours:** 1

[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
60087 001 F2F	M-W----	06:00-07:50 PM	06/01/15-07/22/15	GYM 003B	Morley R	Closed

### HPER 101 - Basketball (Intermediate)

Students will have an opportunity to learn intermediate basketball skills through demonstration and discussion of strategies for team play. This course will advance the skills of the student who successfully completed the beginning basketball course. Emphasis is on individual participation and competition team play. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

**Credit Hours:** 1

**Prerequisite:** HPER 100

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_101\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_101)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60088 001 F2F	M-W----	06:00-07:50 PM	06/01/15-07/22/15	GYM 003B	Morley R	Closed

### HPER 104 - Yoga

This class will utilize techniques from yoga which aim to provide mind/body benefits including better posture and increased body awareness. Muscular strength and flexibility will be developed through poses and positions. This class will be geared towards all students, both beginners as well as those who have previous training. 2 hrs. activity/wk. This course will meet the general education requirement for Health and/or Physical Education.

**Credit Hours:** 1

**Associated Costs:** \$12 to 15

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_104\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_104)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60089 001 F2F	-T-R---	08:00-09:50 PM	06/02/15-07/23/15	GYM 007	Zickefoose W	Closed
60090 002 F2F	MTW----	10:00-11:05 AM	06/01/15-07/22/15	GYM 007	Beattie-Nelson A	Closed
60091 003 F2F	MTWR---	08:00-08:50 AM	06/01/15-07/23/15	GYM 007	Triplett P	Closed
60092 004 F2F	MTWR---	09:00-09:50 AM	06/01/15-07/23/15	GYM 007	Triplett P	Closed
60719 005 F2F	-T-R---	06:00-07:50 PM	06/02/15-07/23/15	GYM 007	Zickefoose W	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. This course will meet the general education requirement for Health and/or Physical Education.

**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
60095 350 ONLNE	-----	-	06/01/15-07/23/15	Online	Bloemker M	Closed
Note: All assignments and tests will be done online						
60096 351 ONLNE	-----	-	06/01/15-07/23/15	Online	Bloemker M	Closed
Note: All assignments and tests will be done online						

### HPER 134 - Weight Training (Beginning)

In this class, muscular strength and endurance will be developed through weight training activity. A workout program will be implemented for each student. The muscular system, basic terminology of weight training and weight training theory will be discussed. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

**Credit Hours:** 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_134\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60133 001 F2F	M-W----	06:00-07:50 PM	06/01/15-07/22/15	GYM 022	Ayoade F	Closed
60134 002 F2F	-T-R---	10:00-11:50 AM	06/02/15-07/23/15	GYM 022	Taylor S	Closed
60135 003 F2F	M-W----	10:00-11:50 AM	06/01/15-07/22/15	GYM 022	Taylor S	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. This course will meet the general education requirement for Health and/or Physical Education.

**Credit Hours:** 1

**Prerequisite:** HPER 134

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_135\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60136 001 F2F	M-W----	06:00-07:50 PM	06/01/15-07/22/15	GYM 022	Ayoade F	Closed
60137 002 F2F	-T-R---	10:00-11:50 AM	06/02/15-07/23/15	GYM 022	Taylor S	Closed
60138 003 F2F	M-W----	10:00-11:50 AM	06/01/15-07/22/15	GYM 022	Taylor S	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. This course will meet the general education requirement for Health and/or Physical Education.

**Credit Hours:** 1

**Associated Costs:** \$30 to 40

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_137\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_137)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60139 001 F2F	-T-R---	06:00-07:50 PM	06/02/15-07/23/15	GYM 537	Alarico A	Closed

## HPER 138 - Tennis (Intermediate)

Students will review the rules, terminology and history of tennis. The student will receive instruction on the strokes of tennis, as well as the strategies of singles and doubles play in a competitive format. Emphasis will be on the mental and physical conditioning of the game. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

**Credit Hours:** 1

**Associated Costs:** \$30 to 40

**Prerequisite:** HPER 137

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_138\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_138)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60140 001 F2F	-T-R---	06:00-07:50 PM	06/02/15-07/23/15	GYM 537	Alarico A	Closed

## HPER 176 - Self Defense I

The class will present students with a variety of techniques for escaping a physical attack. Students will receive an introduction to the four ranges of self defense: ground, grappling, striking, and weapons. Students will learn the principles that apply in any self defense situation and the basic positions and structure of each range. The class is appropriate for beginners as well as those with previous self defense or martial arts training. 2 hrs. activity/wk. This course will meet the general education requirement for Health and/or Physical Education.

**Credit Hours:** 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_176\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_176)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60144 001 F2F	-T-R---	01:00-02:50 PM	06/02/15-07/23/15	GYM 007	Taylor S	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. HPER 185 Archery classes will meet in the lobby in the gym building by room 116. This course will meet the general education requirement for Health and/or Physical Education.

**Credit Hours:** 1

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

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_185\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_185)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60145 001 F2F	-T-----	08:10-11:20 AM	06/02/15-07/21/15	GYM 125	Carter C	Closed
	-T-----	08:10-11:20 AM	06/02/15-07/21/15	GYM 526		
60913 002 F2F	---R---	08:10-11:20 AM	06/04/15-07/23/15	GYM 125	Carter C	Closed
	---R---	08:10-11:20 AM	06/04/15-07/23/15	GYM 526		

## HPER 192 - Wellness for Life

This course introduces students to the theory and principles upon which the concepts of lifetime fitness and wellness are based. Students will examine the relationship that exists between wellness and lifestyle behaviors. Individual self-assessments will be used to establish current health and fitness levels. 1 hr. lecture/wk. This course will meet the general education requirement for Health and/or Physical Education.

**Credit Hours:** 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_192\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_192)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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60146 350 ONLINE ----- - 06/01/15-07/23/15 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

60147 351 ONLINE ----- - 06/01/15-07/23/15 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

60952 352 ONLINE ----- - 06/01/15-07/23/15 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

## HPER 200 - First Aid and CPR

After completing this course, students should be able to perform the basic skills of first aid. The course will cover cause, prevention and first aid care of common emergencies. Certification may be earned in first aid, cardiopulmonary resuscitation and Automated External Defibrillators (AED). 2 hrs. lecture/wk. This course will meet the general education requirement for Health and/or Physical Education.

**Credit Hours: 2**

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_200\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_200) | [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60149 001 F2F	M-W----	06:00-07:50 PM	06/01/15-07/22/15	GYM 021	Hootman T	Closed
60151 003 F2F	MTWR---	09:00-10:50 AM	06/01/15-06/25/15	GYM 021	Hootman T	Closed
60152 004 F2F	MTWR---	10:00-11:50 AM	06/29/15-07/23/15	GYM 021	Hootman T	14 of 18

## HPER 202 - Personal Community Health

This course is designed to provide the student with the knowledge and understanding to make positive, healthy lifestyle choices. In addition, students will learn about issues within the community that affect their daily health both directly and indirectly. 3 hrs. lecture/wk. This course will meet the general education requirement for Health and/or Physical Education.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_202\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_202) | [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60153 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Mallory L	Closed
Note: All assignments and tests will be online						
60154 351 ONLINE	-----	-	06/01/15-07/23/15	Online	Stinson J	Closed
Note: All assignments and tests will be online						
60155 352 ONLINE	-----	-	06/01/15-07/23/15	Online	Mallory L	Closed
Note: All assignments and tests will be online						
60156 353 ONLINE	-----	-	06/01/15-07/23/15	Online	Mallory L	Closed
Note: All assignments and tests will be online						

## HPER 224 - Outdoor Recreation

This course introduces the student to activities that create interaction between the individual and elements of the outdoor recreational setting. Outdoor Recreation Students study the fundamental basics of governmental, private, and public control of recreational lands. Outdoor recreation projects include a variety of outdoor activities, such as camping, hiking, nature observation, biking, rock climbing, canoeing, skiing, map & compass, outdoor safety and how to dress and pack for outdoor adventures. The course is typically a full semester course that can be offered online and/or face-to-face 3 hrs. lecture/wk. This course will not meet the general education requirement for Health and/or Physical Education.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_224\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_224)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60157 350 ONLINE	-----	-	06/01/15-07/23/15	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

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
60159 001 F2F	-----	-	06/01/15-07/23/15	GYM 103	Hall T	Closed

### Lifetime Fitness

Note: Lifetime Fitness I requires an initial hour and a half orientation. You must schedule your orientation online through Desire2Learn starting Monday May 4,2015. You must bring to your orientation, your new Lifetime Fitness and Wellness Manual, a pen, your JCCC ID and be on time. (A new manual is required due to copyright laws). After the orientation, the class becomes an open-lab format. Orientations will begin on Thursday May 21,2015 and end on Friday June 5,2015 or you will be dropped for non-attendance. If you have further questions call 913-469-4432

## HPER 241 - Lifetime Fitness II

This course is a continuation and expansion of Lifetime Fitness I. This course will meet the general education requirement for Health and/or Physical Education. 2 hrs./wk.

**Credit Hours:** 1

**Prerequisite:** HPER 240

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_241\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_241)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60160 001 F2F	-----	-	06/01/15-07/23/15	GYM 103	Triplett P	Closed

### Lifetime Fitness

## HPER 242 - Lifetime Fitness III

This course is a continuation and expansion of Lifetime Fitness II. This course will meet the general education requirement for Health and/or Physical Education. 2 hrs./wk.

**Credit Hours:** 1

**Prerequisite:** HPER 241

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_242\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_242)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60161 001 F2F	-----	-	06/01/15-07/23/15	GYM 103	Hall T	Closed

### Lifetime Fitness

## HPER 243 - Lifetime Fitness IV

This course is a continuation and expansion of Lifetime Fitness III. This course will meet the general education requirement for Health and/or Physical Education. This course may be repeated for credit towards graduation. 2 hrs./wk.

**Credit Hours:** 1

**Prerequisite:** HPER 242

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_243\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_243)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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**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
60342 001 F2F	MTWR---	12:30-01:45 PM	06/01/15-07/23/15	CC 344	Noble T	Closed
60343 002 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	CC 344	Carpenter W	Closed
60344 350 ONLNE	-----	-	06/01/15-07/23/15	Online	Garrett M	Closed
60345 351 ONLNE	-----	-	06/01/15-07/23/15	Online	Garrett M	Closed
60346 352 ONLNE	-----	-	06/01/15-07/23/15	Online	Domoney J	Closed

**HUM 145 - Introduction to World Humanities I**

This course will acquaint students with the arts and ideas of the world's major civilizations, from antiquity through the Renaissance. The approach will be interdisciplinary, covering the artistic values embodied in painting, sculpture, architecture, literature, theater, music and dance as they have emerged out of their historical contexts. In addition to providing the fundamental principles, methodologies and theories used in the study of the humanities, the course aims to enhance students' understanding of the contemporary world. 3 hrs. lecture/wk. This course is taught in the fall semester.

**Credit Hours:** 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hum/#HUM\\_145\)](http://catalog.jccc.edu/coursedescriptions/hum/#HUM_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60347 350 ONLNE	-----	-	06/01/15-07/23/15	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
60348 001 F2F	MTWR---	08:00-09:15 AM	06/01/15-07/23/15	CC 338	Norcott-Mahany B	Closed
60349 350 ONLNE	-----	-	06/01/15-07/23/15	Online	Norcott-Mahany B	Closed

**Heating,Vent.,Air Conditioning****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
60720 501 INT	-----	-	06/01/15-07/23/15		Hendren H	7 of 10
<i>Kansas Senate Bill SB 155</i> Requirement: Department approval						
60721 503 INT	-----	-	06/01/15-07/23/15		Hendren H	7 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
60718 001 F2F	----S-	08:00-05:00 PM	06/13/15-07/18/15	ATB 129	Burks D	Closed
<i>Kansas Senate Bill SB 155</i>						

### 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
60785 001 F2F	---F--	09:00-10:50 AM	06/05/15-07/17/15	ATB 129	Bedell T	Closed
60786 002 F2F	----SU	08:00-05:00 PM	06/20/15-06/21/15	ATB 127	Bedell T	Closed

Note: This class meets Saturday AND Sunday

## Information Technology

### IT 140 - Networking Fundamentals

This course serves as the first module of four that are designed to prepare students to complete the Cisco Certified Network Associate (CCNA) Certification. The course introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. The principles and structure of IP addressing and the fundamentals of Ethernet concepts, media, and operations are introduced to provide a foundation for the CCNA curriculum. By the end of the course, students will be able to build simple LANs, perform basic configurations for routers and switches, and implement IP addressing schemes. 3 hrs. lecture 2 hrs. open lab/wk

**Credit Hours:** 4

[Outline \(http://catalog.jccc.edu/coursedescriptions/it/#IT\\_140\)](http://catalog.jccc.edu/coursedescriptions/it/#IT_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60403 376 HYB	-T-R---	10:00-11:50 AM	06/02/15-07/23/15	RC 350	Al-Rawi A	Closed
	-----	-	06/02/15-07/23/15	Online		

*Kansas Senate Bill SB 155*  
*Mandatory Classroom Meetings*

CRN	Days	Time	Date	Location	Instructor	Seats Open
60404 377 HYB	M-W----	06:00-07:50 PM	06/01/15-07/22/15	RC 350	Holdsworth R	Closed
	-----	-	06/01/15-07/22/15	Online		

*Mandatory Classroom Meetings*  
*Kansas Senate Bill SB 155*

## IT 145 - Routing and Switching Essentials

This course is designed to provide students with a fundamental understanding of network routing and switching. Students successfully completing this course will be able to configure and troubleshoot routers and switches and resolve common issues with RIP (Routing Information Protocol) and OSPF (Open Shortest Path First) in IPv4 and IPv6 (Internet Protocol version 4 and 6) networks. Laboratory exercises will accompany lectures. 3 hrs. lecture, 2 hrs. open lab/wk

**Credit Hours:** 3

**Prerequisites:** IT 140

Outline ([http://catalog.jccc.edu/coursedescriptions/it/#IT\\_145](http://catalog.jccc.edu/coursedescriptions/it/#IT_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
60406 376 HYB	-T-R---	10:00-11:50 AM	06/02/15-07/23/15	RC 352	Akkam M	Closed
	-----	-	06/02/15-07/23/15	Online		

*Mandatory Classroom Meetings*  
*Kansas Senate Bill SB 155*

## 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
60925 376 HYB	M-W----	10:00-11:50 AM	06/01/15-07/22/15	RC 352	Akkam M	Closed
	-----	-	06/01/15-07/22/15	Online		

*Mandatory Classroom Meetings*  
*Kansas Senate Bill SB 155*

## IT 205 - Implementing Windows Client

The focus of this course is the use of Microsoft Windows as an operating system in a business environment. Planning a simple network system, installation and configuration of the software and hardware, resource management, connectivity, running application software under Windows, monitoring and optimizing system hardware, and troubleshooting all lead the student to a deeper understanding of local area network use and administration. 2 hrs. lecture, 2 hrs. instructional lab, 1 hr. open lab/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/it/#IT\\_205](http://catalog.jccc.edu/coursedescriptions/it/#IT_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
60408 376 HYB	M-W----	01:00-02:50 PM	06/01/15-07/22/15	RC 340	Gordon J	Closed

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
60410 376 HYB	M-W----	06:00-07:50 PM	06/01/15-07/22/15	RC 352	Syed M	Closed
	-----	-	06/01/15-07/22/15	Online		

Mandatory Classroom Meetings  
Kansas Senate Bill SB 155

## IT 230 - Linux Fundamentals

This course is designed to provide students with a fundamental understanding of the Linux operating system environment. Students successfully completing this course will be able to execute common Linux commands and utilities; and accomplish system tasks such as navigating the file system, applying file system security, managing user accounts, using the printing environment, and utilizing the resources of a basic Linux system. 2 hrs. lecture, 2 hrs. instructional lab, 1 hr. open lab/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/it/#IT\\_230](http://catalog.jccc.edu/coursedescriptions/it/#IT_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
60411 376 HYB	M-W----	06:00-07:50 PM	06/01/15-07/22/15	RC 346	Golden T	Closed
	-----	-	06/01/15-07/22/15	Online		

Mandatory Classroom Meetings  
Kansas Senate Bill SB 155

## 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
60412 376 HYB	-T-R---	06:00-07:50 PM	06/02/15-07/23/15	RC 350	Al-Rawi A	Closed
	-----	-	06/02/15-07/23/15	Online		

Mandatory Classroom Meetings  
Kansas Senate Bill SB 155

## IT 271 - Information Technology Internship I

This course affords the student the opportunity to apply classroom knowledge to an actual work environment. It will provide advanced information technology students with appropriate on-the-job experience with area employers, under instructional oversight, which will promote the student's career goals. Student will work a total of 300 hours a semester at an approved job site.

**Credit Hours:** 3

**Prerequisites:** IT 210 or IT 221 or IT 230 and department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/it/#IT\\_271\)](http://catalog.jccc.edu/coursedescriptions/it/#IT_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60413 500 INT	-----	-	06/01/15-07/23/15		Akkam M	4 of 5

*Kansas Senate Bill SB 155*

## Interior Design

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

## 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
60132 350 ONLNE	-----	-	06/01/15-07/23/15	Online	Green D	Closed

*Kansas Senate Bill SB 155*

## ITMD 282 - Interiors Internship I

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. This course consists of supervised work experience in an approved training situation. It is designed to provide practical experience in the interiors industry. A minimum of 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
60129 500 INT	-----	-	06/01/15-07/23/15		Kalkofen B	15 of 20

*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
60130 501 INT	-----	-	06/01/15-07/23/15		Kalkofen B	16 of 20

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
60402 001 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	CLB 405	Rose T	Closed
60026 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Baumgardner M	Closed
60027 351 ONLINE	-----	-	06/01/15-07/23/15	Online	Crabbe C	Closed

### 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
60028 500 INT	-----	-	06/01/15-07/23/15		Thum G	8 of 10

Requirement: Department approval

### JOUR 270 - Journalism Internship

A journalism/media internship allows students to gain work experience at an approved training center under staff supervision. Emphasis is on learning new skills related to a particular program or department at a media facility. Students may learn the application of writing and production techniques needed to produce video and broadcast news, produce advertising, or public relations promotional copy. On-the-job training includes a minimum of 120 hrs. for the semester by arrangement.

**Credit Hours:** 2

**Prerequisite:** Instructor approval; completion of 3 credit hours in journalism/ media communications course at JCCC or other college with a grade of C or higher.

Outline ([http://catalog.jccc.edu/coursedescriptions/jour/#JOUR\\_270](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_270))

CRN	Days	Time	Date	Location	Instructor	Seats Open
60029 500 INT	-----	-	06/01/15-07/23/15		Thum G	9 of 10

Requirement: Department approval

### JOUR 271 - Journalism Internship

A journalism/media internship allows students to gain work experience at an approved training center under staff supervision. Emphasis is on learning new skills related to a particular program or department at a media facility. Students may learn the application of writing techniques needed to produce and broadcast news, and produce advertising or public relations promotional copy. On-the-job training involves approximately 15-20 hrs./wk. by arrangement.

**Credit Hours:** 3

**Prerequisites:** Instructor approval; completion of six credit hours in journalism/media communications at JCCC or another college with a grade of "C" or higher in those 6 hours.

[Outline \(http://catalog.jccc.edu/coursedescriptions/jour/#JOUR\\_271\)](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60030 500 INT	-----	-	06/01/15-07/23/15		Thum G	7 of 10

Requirement: Department approval

## Legal Studies

### LAW 121 - Introduction to Law

Upon successful completion of this course, the student should be able to explain the major substantive and procedural aspects of law. This course provides an overview of the legal system and knowledge of specific legal topics, including torts, criminal law, contracts, family law, business law, real estate and probate. This course is a requirement for applying to the paralegal program and for completion of the legal nurse consultant program. 3 hrs. lecture/wk.

**Credit Hours:** 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_121\)](http://catalog.jccc.edu/coursedescriptions/law/#LAW_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60097 001 F2F	MTWR---	07:00-08:50 PM	06/01/15-06/25/15	CC 126B	Tebbe A	Closed
60098 350 ONLINE	-----	-	06/01/15-07/23/15	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
60099 001 F2F	MTWR---	06:00-06:50 PM	06/01/15-06/25/15	CC 126B	Tebbe A	Closed

*Kansas Senate Bill SB 155*

60100 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Manlove H	Closed
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*Kansas Senate Bill SB 155*

### LAW 275 - Paralegal Internship I

This course provides the student with an opportunity to gain practical work experience under the supervision of an attorney in day-to-day, on-site office work. The student must complete 120 hours of work at the internship site. In addition to on-site work, the student will meet with the internship instructor during the internship period four times and complete all requirements; keep an eight-week log; interview a practicing paralegal; draft a cover letter and resume; and submit final evaluations by the employer and student. Obtaining an internship is the responsibility of the individual student. 120 internship hours

**Credit Hours:** 1

**Requirements:** Admission to the Paralegal Program or department chair approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_275\)](http://catalog.jccc.edu/coursedescriptions/law/#LAW_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60101 500 INT	-----	-	06/01/15-07/23/15		Manlove H	32 of 35

*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
60102 500 INT	-----	-	06/01/15-07/23/15		Manlove H	32 of 35
<i>Kansas Senate Bill SB 155</i>						

## Legal Interpreting

### 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
60908 500 INT	M-----	07:00-08:50 PM	06/01/15-07/20/15	OCB 342H	Renna M	Full
<i>Kansas Senate Bill SB 155</i>						
Requirement: Department approval						

## Learning Strategies

### LS 174 - Learning Strategies for Math

This course teaches thinking and study skills specifically geared toward the learning of math. Students practice these skills on their math textbooks and homework assignments as well as in their math class discussions and lectures. This course also addresses feelings and attitudes that may block math learning and offers strategies and techniques designed to overcome these feelings. 1 hr. lecture/wk. Learning Strategies courses offer students opportunities to acquire the thinking and learning skills needed to be a successful learner, including reading textbooks, taking notes, organizing information and preparing for tests. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

**Credit Hours:** 1

**Corequisite:** Concurrent enrollment in a math course

[Outline \(http://catalog.jccc.edu/coursedescriptions/lis/#LS\\_174\)](http://catalog.jccc.edu/coursedescriptions/lis/#LS_174)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60781 001 F2F	MTWR---	11:00-12:15 PM	06/01/15-06/18/15	LIB 303	Kanter F	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 may be offered as a Learning Community (LCOM) section. Please see the current credit course schedule for LCOM details. This course does not fulfill degree requirements. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture / wk.



**Credit Hours:** 3

**Associated Costs:** \$0 to \$100

**Prerequisite:** AAC 112 with a grade of "C" or higher or appropriate score on the math placement test.

[Outline \(http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_111\)](http://catalog.jccc.edu/coursedescriptions/math/#MATH_111)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60471 010 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	GEB 381	Menning M	Closed
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 23rd from 9:30 a.m. until 11:20 a.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.						
60474 050 F2F	M-W----	06:00-08:50 PM	06/01/15-07/22/15	CLB 209	Dunaway J	Closed
60475 080 F2F	-T-R---	02:00-04:50 PM	06/02/15-07/23/15	CLB 213	Davis P	Closed
60476 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Fischer E	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. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.						
60477 351 ONLINE	-----	-	06/01/15-07/23/15	Online	Fischer E	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. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.						
60478 450 SEL	-----	-	06/01/15-07/28/16	Self Paced	Deas M	15 of 15
Note: Students can begin their study in this self-paced math course at any time between April 2, 2015 and July 1, 2015, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Mary Deas, at 913-469-8500, ext. 4215. For more information and a link to the course syllabus and self-paced application see <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. MATH 115 may fulfill some certificate requirements, but will not fulfill degree requirements. This course may be offered as a Learning Community (LCOM) section. Please see the current credit course schedule for LCOM details. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture/wk.

**Credit Hours:** 3


**Associated Costs:** \$0 to \$100

**Prerequisite:** MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.

[Outline \(http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_115\)](http://catalog.jccc.edu/coursedescriptions/math/#MATH_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60479 011 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	CLB 402	Deas M	Closed
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 23rd from 9:00 a.m. until 10:50 a.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.						
60480 012 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	CLB 402	Deas M	Closed
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 23rd from 11:00 a.m. until 12:50 p.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.						
60481 030 F2F	MTWR---	12:30-01:45 PM	06/01/15-07/23/15	CLB 402	Dunham J	Closed
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 23rd from 1:00 p.m. until 2:50 p.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.						
60482 050 F2F	M-W----	06:00-08:50 PM	06/01/15-07/22/15	CLB 205	Phillips V	Closed
60483 060 F2F	-T-R---	08:00-10:50 AM	06/02/15-07/23/15	OCB 332	Fortino L	Closed
60484 080 F2F	-T-R---	02:00-04:50 PM	06/02/15-07/23/15	CLB 203	Dunham J	Closed
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 23rd from 3:00 p.m. until 4:50 p.m. in the regular classroom. The final exam period is different from the						

normal class time.

<b>60485</b>	200 F2F	-T-R---	06:00-08:50 PM	06/02/15-07/21/15	 LCS 10	Fischer E	<b>Closed</b>
<b>60486</b>	350 ONLINE	-----	-	06/01/15-07/23/15	Online	Lefert K	<b>Closed</b>
<p>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. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.</p>							
<b>60487</b>	351 ONLINE	-----	-	06/01/15-07/23/15	Online	Lefert K	<b>Closed</b>
<p>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. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.</p>							
<b>60488</b>	352 ONLINE	-----	-	06/01/15-07/23/15	Online	Barlow R	<b>Closed</b>
<p>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. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.</p>							
<b>60960</b>	353 ONLINE	-----	-	06/01/15-07/23/15	Online	Dunham J	<b>Closed</b>
<p>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. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.</p>							
<b>60489</b>	450 SEL	-----	-	06/01/15-07/28/16	Self Paced	Deas M	5 of 15
<p>Note: Students can begin their study in this self-paced math course at any time between April 2, 2015 and July 1, 2015, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Mary Deas, at 913-469-8500, ext. 4215. For more information and a link to the course syllabus and self-paced application see <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</p>							

## MATH 116 - Intermediate Algebra

This course focuses on arithmetic and algebraic manipulation, equations and inequalities, graphs, and analysis of equations and graphs. Students will simplify arithmetic and algebraic expressions, including those containing rational expressions, rational exponents, radicals and complex numbers; solve equations and inequalities including linear, quadratic, quadratic in form, as well as those containing rational expressions, radicals or absolute value; graph linear inequalities; and analyze functions and non-functions. 3 or 5 hrs.lecture/wk. This course may be offered as a Learning Community (LCOM) section. Please see the current credit course schedule for LCOM details.

**Credit Hours:** 3

**Associated Costs:** \$0 to \$100

**Prerequisite:** MATH 115 with a grade of "C" or higher or appropriate score on the math placement test.

[Outline \(http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_116\)](http://catalog.jccc.edu/coursedescriptions/math/#MATH_116)

CRN	Days	Time	Date	Location	Instructor	Seats Open	
<b>60490</b>	011 F2F	MTWR---	08:00-09:15 AM	06/01/15-07/23/15	CLB 211	Thomas M	<b>Closed</b>
<p>Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 23rd from 7:30 a.m. until 9:20 a.m. in the regular classroom. The final exam period is different from the normal class time.</p>							
<b>60491</b>	012 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	CLB 211	Barlow R	<b>Closed</b>
<p>Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 23rd from 9:30 a.m. until 11:20 a.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.</p>							
<b>60492</b>	013 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	CLB 211	Barlow R	<b>Closed</b>
<p>Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 23rd from 11:30 a.m. until 1:20 p.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.</p>							
<b>60493</b>	031 F2F	MTWR---	12:30-01:45 PM	06/01/15-07/23/15	GEB 381	Worthy M	<b>Closed</b>
<p>Note: A Math Resource Center tutor will be embedded in Math 116-031. The tutor will attend class with the students and offer them two study sessions outside of the regular class time. If you have questions about this opportunity, contact Brett Cooper at <a href="mailto:bcoope10@jccc.edu">bcoope10@jccc.edu</a> The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 23rd from 1:00 p.m. until 2:50 p.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.</p>							
<b>60494</b>	050 F2F	M-W----	06:00-08:50 PM	06/01/15-07/22/15	CLB 403	Hamler P	<b>Closed</b>
<b>60495</b>	060 F2F	-T-R---	08:00-10:50 AM	06/02/15-07/23/15	OCB 308	Byrne M	<b>Closed</b>
<p>Note: A Math Resource Center tutor will be embedded in Math 116-060. The tutor will attend class with the students and offer them two study sessions outside of the regular class time. If you have questions about this opportunity, contact Brett Cooper at <a href="mailto:bcoope10@jccc.edu">bcoope10@jccc.edu</a></p>							
<b>60496</b>	080 F2F	M-W----	07:00-09:50 PM	06/01/15-07/22/15	CLB 211	Herken P	<b>Closed</b>

<b>60511</b> 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Palcic R	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. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.						
<b>60513</b> 351 ONLINE	-----	-	06/01/15-07/23/15	Online	Palcic R	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. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.						
<b>60514</b> 352 ONLINE	-----	-	06/01/15-07/23/15	Online	Imm C	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. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.						
<b>60516</b> 353 ONLINE	-----	-	06/01/15-07/23/15	Online	Imm C	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. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.						
<b>60518</b> 450 SEL	-----	-	06/01/15-07/28/16	Self Paced	Reinhard V	12 of 30
Note: Students can begin their study in this self-paced math course at any time between April 2, 2015 and July 1, 2015, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Vivian Reinhard, at 913-469-8500, ext. 4959. For more information and a link to the course syllabus and self-paced application see <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
<b>60520</b> 450 SEL	-----	-	06/01/15-07/28/16	Self Paced	Reinhard V	13 of 15
Note: Students can begin their study in this self-paced math course at any time between April 2, 2015 and July 1, 2015, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Vivian Reinhard, at 913-469-8500, ext. 4959. For more information and a link to the course syllabus and self-paced application see <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. This course may be offered as a Learning Community (LCOM) section. Please see the current credit course schedule for LCOM details. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Associated Costs:** \$0 to \$25

**Prerequisite:** MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.

[Outline \(http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_120\)](http://catalog.jccc.edu/coursedescriptions/math/#MATH_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>60521</b> 010 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	CLB 209	Malakhova N	Closed
Note: A Math Resource Center tutor will be embedded in Math 120-010. The tutor will attend class with the students and offer them two study sessions outside of the regular class time. If you have questions about this opportunity, contact Brett Cooper at <a href="mailto:bcoope10@jccc.edu">bcoope10@jccc.edu</a> The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 23rd from 11:00 a.m. until 12:50 p.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.						

<b>60522</b>	090 F2F	-T-R---	06:00-08:50 PM	06/02/15-07/23/15	CLB 207	Tomlin C	<b>Closed</b>
<b>60523</b>	350 ONLINE	-----	-	06/01/15-07/23/15	<b>Online</b>	Wilson S	<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. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

<b>60524</b>	351 ONLINE	-----	-	06/01/15-07/23/15	<b>Online</b>	Wilson S	<b>Closed</b>
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Note: In this online course, it is expected that students will work daily for a total of at least 20 hours each week in order to meet all deadlines. One or more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

<b>60525</b>	450 SEL	-----	-	06/01/15-07/28/16	<b>Self Paced</b>	Reinhard V	11 of 15
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Note: Students can begin their study in this self-paced math course at any time between April 2, 2015 and July 1, 2015, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Vivian Reinhard, at 913-469-8500, ext. 4959. For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/academics/math-science/mathematics/self-paced.html> (<http://www.jccc.edu/academics/math-science/mathematics/self-paced.html>)  
Requirement: Department approval

## MATH 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	
<b>60526</b>	010 F2F	MTWR---	06:30-07:45 AM	06/01/15-07/23/15	GEB 340	Herd R	<b>Closed</b>

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 23rd from 6:00 a.m. until 7:50 a.m. in the regular classroom. The final exam period is different from the normal class time.

<b>60527</b>	011 F2F	MTWR---	08:00-09:15 AM	06/01/15-07/23/15	CLB 205	Robinson W	<b>Closed</b>
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Note: A Math Resource Center tutor will be embedded in Math 171-011. The tutor will attend class with the students and offer them two study sessions outside of the regular class time. If you have questions about this opportunity, contact Brett Cooper at [bcoope10@jccc.edu](mailto:bcoope10@jccc.edu) The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 23rd from 8:00 a.m. until 9:50 a.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

<b>60528</b>	012 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	CLB 205	Robinson W	<b>Closed</b>
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Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 23rd from 10:00 a.m. until 11:50 a.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

<b>60529</b>	014 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	CLB 203	Davis P	<b>Closed</b>
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Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 23rd from 11:00 a.m. until 12:50 p.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

<b>60530</b>	030 F2F	MTWR---	12:30-01:45 PM	06/01/15-07/23/15	CLB 211	Hills M	<b>Closed</b>
		---R---	12:30-02:20 PM	07/23/15-07/23/15	CLB 205		

Note: A Math Resource Center tutor will be embedded in Math 171-030. The tutor will attend class with the students and offer them two study sessions outside of the regular class time. If you have questions about this opportunity, contact Brett Cooper at [bcoope10@jccc.edu](mailto:bcoope10@jccc.edu) The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 23rd from 12:30 p.m. until 2:20 p.m. in CLB 205. The final exam period is different from the normal class in both time and location. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

<b>60531</b>	040 F2F	M-W----	08:00-10:50 AM	06/01/15-07/22/15	GEB 340	Herd R	<b>Closed</b>
<b>60532</b>	041 F2F	M-W----	11:00-01:50 PM	06/01/15-07/22/15	CLB 205	Jaggard C	<b>Closed</b>
<b>60533</b>	050 F2F	M-W----	07:00-09:50 PM	06/01/15-07/22/15	CLB 402	Esklund K	<b>Closed</b>
<b>60534</b>	060 F2F	-T-R---	12:30-03:20 PM	06/02/15-07/23/15	GEB 340	Greenwood J	<b>Closed</b>
<b>60536</b>	090 F2F	-T-R---	06:00-08:50 PM	06/02/15-07/23/15	GEB 315	Zenner J	<b>Closed</b>
<b>60537</b>	350 ONLINE	-----	-	06/01/15-07/23/15	<b>Online</b>	Gibbs A	<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. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

**60538** 351 ONLNE ----- - 06/01/15-07/23/15 Online Gibbs 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. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

**60539** 352 ONLNE ----- - 06/01/15-07/23/15 Online Jacobs L 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. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

**60942** 353 ONLNE ----- - 06/01/15-07/23/15 Online Jacobs L 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. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

**60956** 354 ONLNE ----- - 06/01/15-07/23/15 Online Gibbs 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.

**60540** 450 SEL ----- - 06/01/15-07/28/16 Self Paced Veer P 4 of 40

Note: Students can begin their study in this self-paced math course at any time between April 2, 2015 and July 1, 2015, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor Phil Veer, at 913-469-8500, ext. 4700. For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/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
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<b>60541</b> 010 F2F	MTWR---	08:00-09:15 AM	06/01/15-07/23/15	GEB 381	Dennis R	Closed
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Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 23rd from 7:30 a.m. until 9:20 a.m. in the regular classroom. The final exam period is different from the normal class time.

<b>60542</b> 040 F2F	M-W----	11:00-01:50 PM	06/01/15-07/22/15	CLB 213	Irfan S	Closed
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<b>60543</b> 090 F2F	-T-R---	06:00-08:50 PM	06/02/15-07/23/15	CLB 209	Herdt R	Closed
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<b>60544</b> 350 ONLNE	-----	-	06/01/15-07/23/15	Online	Lewis J	Closed
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Note: In this online course, it is expected that students will work daily for a total of at least 20 hours each week in order to meet all deadlines. One or more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

<b>60545</b> 351 ONLNE	-----	-	06/01/15-07/23/15	Online	Lewis J	Closed
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Note: In this online course, it is expected that students will work daily for a total of at least 20 hours each week in order to meet all deadlines. One or more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

<b>60546</b> 450 SEL	-----	-	06/01/15-07/28/16	Self Paced	Veer P	3 of 15
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Note: Students can begin their study in this self-paced math course at any time between April 2, 2015 and July 1, 2015, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor Phil Veer, at 913-469-8500, ext. 4700. For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/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
60547 010 F2F	MTWR---	08:00-10:15 AM	06/01/15-07/23/15	CLB 403	Mages M	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
60549 040 F2F	M-W----	02:00-04:50 PM	06/01/15-07/22/15	CLB 213	Phillips V	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
60550 009 F2F	MTWR---	06:30-07:45 AM	06/01/15-07/23/15	CLB 213	Colburn R	Closed

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 23rd from 6:00 a.m. until 9:50 a.m. in the regular classroom. The final exam period is different from the normal class time.

60551 010 F2F	MTWR---	08:00-09:15 AM	06/01/15-07/23/15	CLB 213	Krulewich D	Closed
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Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 23rd from 8:00 a.m. until 9:50 a.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

60552 011 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	CLB 213	Haverhals E	Closed
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Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 23rd from 10:00 a.m. until 11:50 a.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

<b>60553</b>	012 F2F	-T-R---	11:00-01:50 PM	06/02/15-07/23/15	CLB 213	Colburn R	<b>Closed</b>
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 23rd from 12:00 p.m. until 1:50 p.m. in the regular classroom. The final exam period is different from the normal class time.							
<b>60554</b>	030 F2F	MTWR---	12:30-01:45 PM	06/01/15-07/23/15	CLB 209	Haverhals E	<b>Closed</b>
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 23rd from 12:00 p.m. until 1:50 p.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.							
<b>60555</b>	050 F2F	M-W----	06:00-08:50 PM	06/01/15-07/22/15	CLB 213	Smith S	<b>Closed</b>
<b>60556</b>	080 F2F	-T-R---	02:00-04:50 PM	06/02/15-07/23/15	CLB 209	Colburn R	<b>Closed</b>
<b>60557</b>	090 F2F	-T-R---	06:00-08:50 PM	06/02/15-07/23/15	CLB 213	Putnam T	<b>Closed</b>
<b>60558</b>	350 ONLNE	-----	-	06/01/15-07/23/15	<b>Online</b>	Cooper B	<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. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.							
<b>60559</b>	351 ONLNE	-----	-	06/01/15-07/23/15	<b>Online</b>	Cooper B	<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. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.							
<b>60560</b>	352 ONLNE	-----	-	06/01/15-07/23/15	<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 20 hours each week in order to meet all deadlines. One or more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.							
<b>60561</b>	353 ONLNE	-----	-	06/01/15-07/23/15	<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 20 hours each week in order to meet all deadlines. One or more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.							
<b>60562</b>	354 ONLNE	-----	-	06/01/15-07/23/15	<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 20 hours each week in order to meet all deadlines. One or more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.							
<b>60957</b>	355 ONLNE	-----	-	06/01/15-07/23/15	<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 20 hours each week in order to meet all deadlines. One or more proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.							
<b>60563</b>	450 SEL	-----	-	06/01/15-07/28/16	<b>Self Paced</b>	Veer P	6 of 30
Note: Students can begin their study in this self-paced math course at any time between April 2, 2015 and July 1, 2015, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor Phil Veer, at 913-469-8500, ext. 4700. For more information and a link to the course syllabus and self-paced application see <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 212 - Math for Elementary Teachers II

This is the second of a two-course sequence for prospective teachers of elementary/middle school mathematics. The focus of this course is an in-depth investigation of the mathematical principles and concepts encountered in grades K-8. Topics include probability, statistics, measurement, and shapes including congruency, similarity, and transformations. The use of appropriate techniques and tools, such as calculators, computers, and manipulatives, will be integrated throughout the course in order to enhance the depth of understanding. 3 hrs. lecture/wk. NOTE: the prerequisite of MATH 210 requires a grade of "C" or higher.

**Credit Hours:** 3

**Associated Costs:** \$0 to 100

**Prerequisite:** MATH 210 with a grade of "C" or higher or department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_212\)](http://catalog.jccc.edu/coursedescriptions/math/#MATH_212)

CRN	Days	Time	Date	Location	Instructor	Seats Open	
<b>60565</b>	010 F2F	-T-R---	11:00-01:50 PM	06/02/15-07/23/15	OCB 332	Sutherlin C	<b>Closed</b>

## MATH 231 - Business and Applied Calculus I

This is the first course in calculus as it applies to business; the social, behavioral, and biomedical sciences; and other fields. Concepts include measuring the slope of a curve, writing equations of tangent lines, finding maximum and minimum points, determining the rate of change of a function, and measuring the area under a curve. Algebraic skills and application problems are stressed. Specific calculus topics include finding limits, differentiation of algebraic, exponential and logarithmic functions, and integration of algebraic and exponential functions. Trigonometry (MATH 172) can be taken concurrently with MATH 231 for those students planning to enroll in MATH 232 in subsequent semesters. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Associated Costs:** \$0 to \$100

**Prerequisite:** MATH 171 or MATH 173 with a grade of "C" or higher or appropriate score on the math placement test.

[Outline \(http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_231\)](http://catalog.jccc.edu/coursedescriptions/math/#MATH_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60566 010 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	CLB 203	Irfan S	Closed
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 23rd from 9:00 a.m. until 10:50 a.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.						
60567 050 F2F	M-W----	04:30-07:20 PM	06/01/15-07/22/15	CLB 207	Sutherlin C	Closed
60568 060 F2F	-T-R---	08:00-10:50 AM	06/02/15-07/23/15	GEB 340	Sutherlin C	Closed
60569 061 F2F	-T-R---	11:00-01:50 PM	06/02/15-07/23/15	CLB 403	Lemer A	Closed
60570 090 F2F	-T-R---	06:00-08:50 PM	06/02/15-07/23/15	CLB 403	Voss-Schoonover L	Closed
60571 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Edmonds B	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. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.						
60572 351 ONLINE	-----	-	06/01/15-07/23/15	Online	Edmonds B	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. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.						

## MATH 232 - Business and Applied Calculus II

This is the second course in a two-semester series on calculus that covers five techniques of integration, differentiation and integration of trigonometric functions, differential equations, and functions of several variables as applied to business, statistics, biology and the social sciences. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Associated Costs:** \$0 to 100

**Prerequisites:** MATH 231 and either MATH 172 or MATH 173 with a grade of "C" or higher or appropriate score on the math placement test.

[Outline \(http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_232\)](http://catalog.jccc.edu/coursedescriptions/math/#MATH_232)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60573 090 F2F	-T-R---	06:00-08:50 PM	06/02/15-07/23/15	CLB 402	Lemer A	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, areas and volumes will be studied. To accomplish this, the students will study and apply limits and continuity. Differentiation and integration of algebraic, trigonometric and transcendental functions will also be a major focus of this course. 5 hrs. lecture/wk.

**Credit Hours:** 5

**Associated Costs:** \$0 to \$100

**Prerequisite:** Either (MATH 171 and MATH 172) or MATH 173 or an equivalent course with a grade of "C" or higher or an appropriate score on an placement test.



[Outline \(http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_241\)](http://catalog.jccc.edu/coursedescriptions/math/#MATH_241)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60574 001 F2F	MTWR---	08:00-10:15 AM	06/01/15-07/23/15	CLB 207	Balman B	Closed
60575 002 F2F	MTWR---	11:00-01:15 PM	06/01/15-07/23/15	CLB 207	Balman B	Closed
60576 003 F2F	MTWR---	01:30-03:45 PM	06/01/15-07/23/15	CLB 207	Cobb D	Closed
Note: A Math Resource Center tutor will be embedded in Math 241-003. The tutor will attend class with the students and offer them two study sessions outside of the regular class time. If you have questions about this opportunity, contact Brett Cooper at bcoope10@jccc.edu						
60577 004 F2F	MTWR---	06:00-08:15 PM	06/01/15-07/23/15	GEB 340	Baldwin R	Closed

## MATH 242 - Calculus II

This is the second course of a three-semester sequence on calculus. The emphasis will be an analytic, numerical and graphical approach to techniques of integration, and infinite series, including scientific applications. 5 hrs. lecture/wk.

**Credit Hours:** 5

**Associated Costs:** \$0 to \$100

**Prerequisite:** MATH 237 or MATH 241 or an equivalent course with a grade of "C" or higher

[Outline \(http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_242\)](http://catalog.jccc.edu/coursedescriptions/math/#MATH_242)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60578 001 F2F	MTWR---	09:30-11:45 AM	06/01/15-07/23/15	GEB 313	Grondahl R	Closed
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 23rd from 10:00 a.m. until 11:50 a.m. in the regular classroom. The final exam period is different from the normal class time.						
60579 002 F2F	MTWR---	01:30-03:45 PM	06/01/15-07/23/15	GEB 313	Grondahl R	Closed
60580 003 F2F	MTWR---	06:00-08:15 PM	06/01/15-07/23/15	GEB 313	Wilson B	Closed

## MATH 242H - HON: Calculus II

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

**Credit Hours:** 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_242H\)](http://catalog.jccc.edu/coursedescriptions/math/#MATH_242H)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60978 01H F2F	-----	-	06/01/15-07/23/15	COM 201	Grondahl R	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
60581 001 F2F	MTWR---	08:00-10:15 AM	06/01/15-07/23/15	GEB 315	Haehl M	Closed
60582 002 F2F	MTWR---	01:30-03:45 PM	06/01/15-07/23/15	GEB 315	Harris R	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
60583 090 F2F	-T-R---	06:00-08:50 PM	06/02/15-07/23/15	CLB 203	Harris R	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
60584 040 F2F	M-W----	12:30-04:00 PM	06/01/15-07/22/15	CLB 203	Tamsamani Z	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
60585 010 F2F	MTWR---	08:00-09:50 AM	06/01/15-07/23/15	CLB 209	Wilson B	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
60788 001 F2F	MTWR---	08:00-08:50 AM	06/29/15-07/23/15	ATB 129	Young N	3 of 15
	Lab MTWR---	09:00-12:50 PM	06/29/15-07/23/15	ATB 150		

*Kansas Senate Bill SB 155*

## MFAB 140 - Maintenance Repair Welding

Upon successful completion of this course, the student should be able to perform oxyfuel cutting (OFC), shielded metal arc welding (SMAW), gas metal arc welding (GMAW) and plasma arc cutting (PAC). Basic blueprint and standard AWS welding symbols will be introduced. Selected welds and assignments will be tested according to industry and AWS standards. The student will be required to provide ANSI Z-87.1 approved safety glasses and may be expected to provide other basic hand tools and/or equipment as required by employers. This course is designed for individuals who have welding experience or who are employed by a company that requires welding skills. This course can be customized for advanced training. 1 hr. lecture, 4 hrs. lab/wk.

**Credit Hours:** 3

**Associated Costs:** \$30 to 150

**Prerequisites:** MFAB 131 and MFAB 133 and MFAB 136

[Outline \(http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB\\_140\)](http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60791 001 F2F	MTWR---	08:00-08:50 AM	06/01/15-06/25/15	ATB 129	Stoufer J	Closed
	Lab MTWR---	09:00-12:50 PM	06/01/15-06/25/15	ATB 150		

*Kansas Senate Bill SB 155*

## MFAB 180 - Blueprint and Symbols Reading for Welders

Upon successful completion of this course, the student should be able to identify basic welding positions and explain, list, sketch, draw, use or describe current American Welding Society (AWS) welding symbols and weld joint configurations. The student will be introduced to several methods of producing welding blueprints, object representations, 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
60964 001 F2F	-----	-	06/01/15-07/23/15		Tremain R	Full

*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
60242 350 ONLINE	-----	-	06/01/15-07/06/15	Online	King C	Closed

## Marketing Management

### 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
60103 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Millard B	Closed

### 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
60105 351 ONLINE	-----	-	06/01/15-07/23/15	Online	Hulen P	Closed

*Kansas Senate Bill SB 155*

60106 352 ONLINE	-----	-	06/01/15-07/23/15	Online	Hulen P	Closed
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*Kansas Senate Bill SB 155*

60104 353 ONLINE	-----	-	06/29/15-07/23/15	Online	Hulen P	Full
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*Kansas Senate Bill SB 155*

### MKT 284 - Marketing Management Internship I

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. This course offers work experience under instructional supervision in an approved training situation designed to provide practical experience in marketing and management. A minimum of 48 hours, per semester, of on-the-job training is required.

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/mkt/#MKT\\_284](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_284))

CRN	Days	Time	Date	Location	Instructor	Seats Open
60107 500 INT	-----	-	06/01/15-07/23/15		Millard B	10 of 15

*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
60108 500 INT	-----	-	06/01/15-07/23/15		Millard B	4 of 9

*Kansas Senate Bill SB 155*

## Music

### MUS 121 - Introduction to Music Listening

This course is designed to enhance student music listening. Students will learn to identify changes in the elements of music through the different stylistic periods of classical music. Factual and historical information will be presented to broaden the student's cultural and music appreciation. Students will hear recorded examples of music from the Medieval, Renaissance, Baroque, Classical, Romantic and 20th-century eras, as well as popular American forms and music from non-Western cultures. 3 hrs. lecture/wk.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_121\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_121) [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60472 001 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	OCB 144	Fitzer H	Closed
60497 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Brown D	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
60498 001 F2F	----S-	09:00-12:50 PM	06/06/15-07/18/15	OCB 364	Ransom T	Closed
60499 002 F2F	-T-R---	09:00-10:50 AM	06/02/15-07/23/15	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
60500 001 F2F	MTWR---	11:00-12:50 PM	06/01/15-07/23/15	OCB 364	Olvera V	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
60501 001 F2F	M-W----	09:00-10:45 AM	06/01/15-07/22/15	OCB 362	Pretzel M	Closed
60502 002 F2F	M-W----	11:00-12:45 PM	06/01/15-07/22/15	OCB 362	Pretzel M	Closed

### MUS 223 - Piano Class III

This is an intermediate 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 and modes; 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 222. Completion of this course should precede Applied Piano I. This course is designed for students who have completed one year of study or who have completed MUS 222. 2 hrs./wk.

**Credit Hours:** 2

**Prerequisite:** MUS 222 or department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_223\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_223)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60503 001 F2F	M-W----	01:00-02:45 PM	06/01/15-07/22/15	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
60504 001 F2F	M-W----	10:00-10:50 AM	06/01/15-07/22/15	OCB 192	Fitzer H	Closed

### MUS 236 - Applied Piano I (Private)

This is an entry-level course for the student with little or no prior piano training. This course provides a basic knowledge of keyboard instruments. Students will learn essential musical terminology, musical notation and symbols, and specific piano-related terminology. Topics covered will include major and minor key signatures; exercises and repertoire using major and minor five-finger patterns; and exercises and repertoire using major and minor scales.

**Credit Hours:** 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_236\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_236)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60594 600 PVL	-----	-	06/01/15-07/23/15	OCB 186	Pretzel M	1 of 1

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

### MUS 238 - Applied Piano III (Private)

This is an intermediate-level course for the student with at least two semesters of prior applied piano study. Students will learn the intermediate-level concepts of piano performance. Topics to be covered will include scale, the melodic form of the minor scale, rhythmic patterns and subdivisions of compound meter, and the basic keyboard literature of the intermediate level.

**Credit Hours:** 1

**Prerequisite:** MUS 237

[Outline \(http://catalog.jccc.edu/coursedescriptions/mus#MUS\\_238\)](http://catalog.jccc.edu/coursedescriptions/mus#MUS_238)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60595 600 PVL	-----	-	06/01/15-07/23/15	OCB 186	Pretzel M	Full

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 241 - Applied Guitar I (Private)

In this private study in basic guitar technique, emphasis will be upon playing position, posture, tone production and basic music reading skills. Students will begin with studies and short pieces.

**Credit Hours:** 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/mus#MUS\\_241\)](http://catalog.jccc.edu/coursedescriptions/mus#MUS_241)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60597 600 PVL	-----	-	06/01/15-07/23/15	OCB 188	Fitzer H	Full

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## MUS 242 - Applied Guitar II (Private)

This is a continuation of private study in basic guitar technique. Emphasis will be upon playing position, posture, tone production and basic music-reading skills. Students will begin with studies and short pieces.

**Credit Hours:** 1

**Prerequisite:** MUS 241 or department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/mus#MUS\\_242\)](http://catalog.jccc.edu/coursedescriptions/mus#MUS_242)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60598 600 PVL	-----	-	06/01/15-07/23/15	OCB 188	Fitzer H	Full

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

## Nursing

### NURS 125 - Health Assessment in Nursing

Health Assessment in Nursing is a three credit course designed to provide students with a basic understanding and working knowledge of health assessment in the adult. The course is divided into modules that correlate with the bodily systems, including content preparation for subsequent courses including pediatric, older adult and pregnant populations. Learning environments will include both classroom and simulated lab setting.

**Credit Hours:** 3

**Requirements:** Admission to Nursing Program Prerequisite or Corequisite: PSYC 130 Corequisite: NURS 100

[Outline \(http://catalog.jccc.edu/coursedescriptions/nurs#NURS\\_125\)](http://catalog.jccc.edu/coursedescriptions/nurs#NURS_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60865 376 HYB	-T-----	08:00-12:00 PM	05/26/15-05/26/15	CLB 111	Foster M Deines W Gibbar S Ilten T Carver K Wilson D LaMartina K Barlett M Lanier N Ritter M	Closed

Russell J  
 Quinn R  
 Parker C  
 Folmsbee G

----F--	08:00-11:00 AM	05/29/15-05/29/15	CLB 111
----F--	08:00-12:00 PM	06/05/15-06/05/15	CLB 111
----F--	08:00-12:00 PM	06/12/15-06/26/15	CLB 111
----F--	08:00-10:00 AM	06/26/15-06/26/15	SCI 222
--W----	08:00-03:00 PM	07/01/15-07/01/15	CLB 111
-T-----	08:00-04:00 PM	07/07/15-07/07/15	CLB 111
----F--	08:00-10:00 AM	07/10/15-07/10/15	SCI 222

Kansas Senate Bill SB 155

## NURS 175 - Concepts of Nursing Care: PN to RN Transition

This course is an introduction to the second year of the associate degree nurse (ADN) program for graduates of licensed practical nurse (LPN) programs. This course will combine foundational and childbearing family and child concepts of clinical judgment, facilitator of learning, advocacy, caring practices, collaboration, systems thinking, response to diversity and clinical inquiry. Populations examined will include the adult as well as the childbearing family, child and adolescent. An in-depth examination of physical assessment and psychomotor/communication skills will prepare the student for transition to the associate degree nursing program. Course instruction will occur using a blended approach that focuses on active engagement of the student in the classroom, online, in the Health Resource Center, the Simulation Center and in other learning environments.

**Credit Hours:** 6

**Requirements:** Admission to the Nursing Program; Prerequisites: PSYC 218 and ENGL 121 Prerequisite or Corequisite: BIOL 230 and BIOL 231 Corequisite: NURS 125

[Outline \(http://catalog.jccc.edu/coursedescriptions/nurs/#NURS\\_175\)](http://catalog.jccc.edu/coursedescriptions/nurs/#NURS_175)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60864 001 F2F	-T-----	08:00-04:00 PM	06/01/15-06/23/15	CLB 111	Foster M Deines W Kendrick L Ilten T Isaacson J Carver K Wilson D LaMartina K Barlett M Lanier N Ritter M Quinn R Parker C Folmsbee G Vezendan C Lafferty L	Closed
	M-----	08:00-04:00 PM	06/01/15-06/22/15	CLB 111		
	--W----	08:00-04:00 PM	06/03/15-06/17/15	CLB 111		
	---R---	08:00-04:00 PM	06/04/15-06/25/15	CLB 111		
	----F--	12:00-02:00 PM	06/05/15-06/05/15	CLB 111		
	M-----	08:00-01:00 PM	06/29/15-06/29/15	SCI 222		

Kansas Senate Bill SB 155

## Philosophy

### PHIL 121 - Introduction to Philosophy

Students will examine the basic questions of philosophical inquiry, such as the nature of being, and the ways humans acquire knowledge and moral, social, religious and political values. Emphasis is on the application of the study of traditional problems of philosophy to the study of contemporary society. 3 hrs. lecture/wk.

**Credit Hours:** 3



[Outline \(http://catalog.jccc.edu/coursedescriptions/phil/#PHIL\\_121\)](http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_121) [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60633 001 F2F	MTWR---	12:30-01:45 PM	06/01/15-07/23/15	GEB 317	Gillette B	Closed
60634 002 F2F	-T-R---	06:00-08:30 PM	06/02/15-07/23/15	GEB 317	Quillen L	Closed
60635 350 ONLNE	-----	-	06/01/15-07/23/15	Online	Jones A	Closed
60636 351 ONLNE	-----	-	06/01/15-07/23/15	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
60637 001 F2F	-T-R---	06:00-08:30 PM	06/02/15-07/23/15	CC 338	Coleman K	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
60639 350 ONLNE	-----	-	06/01/15-07/12/15	Online	Arjo D	Closed
60640 351 ONLNE	-----	-	06/01/15-07/12/15	Online	Arjo D	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
60641 001 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	GEB 317	Conrad O	Closed
60642 002 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	GEB 317	Conrad O	Closed
60643 350 ONLNE	-----	-	06/01/15-07/23/15	Online	Jones A	Closed
60644 351 ONLNE	-----	-	06/01/15-07/23/15	Online	Arp R	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
60801 001 F2F	-TWR---	08:00-11:50 AM	06/02/15-07/23/15	ATB 147	Long 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
60802 001 F2F	-TWR---	01:00-04:50 PM	06/02/15-07/23/15	ATB 135	Heying P	Closed
60809 002 F2F	-TWR---	06:00-09:50 PM	06/02/15-07/23/15	ATB 135	Sands C	Closed
60803 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Nichols M	Closed

## PHOT 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 \(http://catalog.jccc.edu/coursedescriptions/phot/#PHOT\\_291\)](http://catalog.jccc.edu/coursedescriptions/phot/#PHOT_291)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60804 960 IND	-----	-	06/01/15-07/23/15		Sands C	3 of 3

Requirement: Department approval

## 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
60436 001 F2F	M-W----	08:00-10:50 AM	06/01/15-07/22/15	SCI 122	Weaver L	Closed
	-T-R---	08:00-08:50 AM	06/02/15-07/23/15	SCI 122		
	Lab -T-R---	09:00-11:50 AM	06/02/15-07/23/15	SCI 121		

Note: This course does not normally fulfill the requirements of engineering programs.

60437 002 F2F	MTWR---	12:00-01:50 PM	06/01/15-07/23/15	SCI 122	Martinez D	Closed
	Lab -T-R---	02:00-04:50 PM	06/02/15-07/23/15	SCI 121		

Note: This course does not normally fulfill the requirements of engineering programs.

## PHYS 131 - College Physics II

In this introductory course for pre-professional and general education, students will learn the fundamentals of selected areas of classical physics. Using the tools of algebra and trigonometry, the course develops the topics of electricity and magnetism, waves, light and optics and some elements of modern physics, such as relativity and quantum physics. The two-semester PHYS 130/131 sequence is designed to meet the requirements of area pre-professional programs. This is a transfer course that meets the college's requirements for associate's degree programs and also meets transfer requirements of area colleges and universities. This course does not normally fulfill the requirements of engineering programs. The course includes an integrated laboratory component the completion of which is a necessary part of the total instructional package. 4 hrs. lecture, 3 hrs. lab/wk.

Note: This course does not normally fulfill the requirements of engineering programs.

**Credit Hours:** 5

**Prerequisite:** PHYS 130

[Outline \(http://catalog.jccc.edu/coursedescriptions/phys/#PHYS\\_131\)](http://catalog.jccc.edu/coursedescriptions/phys/#PHYS_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60440 001 F2F	MTWR---	12:00-01:50 PM	06/01/15-07/23/15	SCI 120	Thuma R	Closed
	Lab M-W----	02:00-04:50 PM	06/01/15-07/22/15	SCI 117		

Note: This course does not normally fulfill the requirements of engineering programs.

60441 050 F2F	M-W----	06:00-06:50 PM	06/01/15-07/22/15	SCI 120	Richman M	Closed
	Lab M-W----	07:00-09:50 PM	06/01/15-07/22/15	SCI 117		
	-T-R---	06:00-08:50 PM	06/02/15-07/23/15	SCI 120		

Note: This course does not normally fulfill the requirements of engineering programs.

## 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
60443 001 F2F	M-W----	08:00-08:50 AM	06/01/15-07/22/15	SCI 120	Stites R	Closed
	Lab M-W----	09:00-11:50 AM	06/01/15-07/22/15	SCI 117		
	-T-R---	08:00-10:50 AM	06/02/15-07/23/15	SCI 120		

## Political Science

### POLS 122 - Political Science

This course provides students the opportunity to explore the discipline of political science and to discover how political scientists study politics in the contemporary world. 3 hrs. lecture/wk. and online.

**Credit Hours:** 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/pols/#POLS\\_122\)](http://catalog.jccc.edu/coursedescriptions/pols/#POLS_122) [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60709 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Alexander L	Closed
60710 351 ONLINE	-----	-	06/01/15-07/23/15	Online	Elmore C	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. and online. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

**Credit Hours:** 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/pols/#POLS\\_124\)](http://catalog.jccc.edu/coursedescriptions/pols/#POLS_124) [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60711 001 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	GEB 213	Wright B	Closed
60712 002 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	GEB 213	Burns J	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
60713 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Alexander L	Closed

### POLS 132H - HON: Intro to Comparative Gov.

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

**Credit Hours:** 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/pols/#POLS\\_132H\)](http://catalog.jccc.edu/coursedescriptions/pols/#POLS_132H)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60975 01H F2F	-----	-	06/01/15-07/23/15	COM 201	Wright B	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
60714 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Belzer G	Closed
60715 351 ONLINE	-----	-	06/01/15-07/23/15	Online	Belzer G	Closed

## POLS 245 - Introduction to Public Administration

This course provides students the opportunity to explore public administration and public policy including institutional arrangements for the provision of public services and the study of those arrangements. 3 hrs. lecture/wk.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/pols/#POLS\\_245\)](http://catalog.jccc.edu/coursedescriptions/pols/#POLS_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60716 350 ONLINE	-----	-	06/01/15-07/23/15	Online	Faulwell B	Closed

## 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
60444 001 F2F	MTWR---	02:00-04:50 PM	06/01/15-07/23/15	SCI 125	Hess J	Closed

## Psychology

### PSYC 130 - Introduction to Psychology

This basic introduction to psychology includes the study of biological aspects of behavior, the brain, consciousness, sensation and perception, motivation and emotion, stress, maturation and development, learning and memory, normal and abnormal personality, and social psychology. This course is the prerequisite for all advanced-level psychology courses. 3 hrs. lecture/wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC\\_130\)](http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_130) [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60722 001 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	GEB 342	Kappen D	Closed
60723 002 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	CLB 312	Riley N	Closed
60724 003 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	CLB 312	Riley N	Closed
60725 004 F2F	-T-R---	03:00-05:30 PM	06/02/15-07/23/15	CLB 312	Ward P	Closed
60726 005 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	CLB 312	Kelly D	Closed

60727	006 F2F	-T-R---	06:00-08:30 PM	06/02/15-07/23/15	CLB 312	Ward P	Closed
60728	007 F2F	-T-R---	06:00-08:30 PM	06/02/15-07/23/15	GEB 377	Ward A	Closed
60729	008 F2F	-T-R---	11:00-01:30 PM	06/02/15-07/23/15	GEB 377	Sympson S	Closed
60730	350 ONLINE	-----	-	06/01/15-07/23/15	Online	Klinger T	Closed
60731	351 ONLINE	-----	-	06/01/15-07/23/15	Online	Klinger T	Closed
60733	352 ONLINE	-----	-	06/01/15-07/23/15	Online	Rader M	Closed
60734	353 ONLINE	-----	-	06/01/15-07/23/15	Online	Rader M	Closed
60735	354 ONLINE	-----	-	06/01/15-07/23/15	Online	Rader M	Closed

## PSYC 130H - HON: Intro to Psychology

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

**Credit Hours:** 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC\\_130H\)](http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_130H)

CRN	Days	Time	Date	Location	Instructor	Seats Open	
60976	01H F2F	-----	-	06/01/15-07/23/15	COM 201	Kappen D	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	
60736	001 F2F	M-W----	11:00-01:30 PM	06/01/15-07/22/15	GEB 377	Ladd B	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	
60737	001 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	GEB 377	Peterson P	Closed
60738	002 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	GEB 377	Ladd B	Closed
60739	003 F2F	-T-R---	06:00-08:30 PM	06/02/15-07/23/15	CC 126A	Kappen D	Closed
60740	350 ONLINE	-----	-	06/01/15-07/23/15	Online	Salvato M	Closed
60741	351 ONLINE	-----	-	06/01/15-07/23/15	Online	Klinger T	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
60742 001 F2F	-T-R---	03:00-05:30 PM	06/02/15-07/23/15	GEB 377	Ward A	Closed

## Respiratory Care

Missouri residents see reverse cooperative information. For complete program information: [www.jccc.edu/respiratorycare](http://www.jccc.edu/respiratorycare) (<http://www.jccc.edu/respiratorycare/>)

## RC 125 - Beginning Principles of Respiratory Care


This is an introduction to the basic therapeutic modalities used in respiratory care, including patient safety and comfort considerations, infection control and standard precautions, medical gas delivery, humidity and aerosol therapy, basic respiratory pharmacology, secretion clearance techniques and lung expansion therapy. Emphasis is on patient assessment, clinical application of therapies, therapy evaluation and communication techniques. The roles of respiratory care in the health care system and basic respiratory care service scope, organization and operation are also introduced. Students will have the opportunity to work with patients after two to three weeks of introductory lecture and lab demonstration and practice. 6 hrs. lecture, 16 hrs. lab/wk. Summer.

**Credit Hours:** 4

**Associated Costs:** \$150 to 250

**Prerequisite:** Admission to the respiratory care program

[Outline \(http://catalog.jccc.edu/coursedescriptions/rc/#RC\\_125\)](http://catalog.jccc.edu/coursedescriptions/rc/#RC_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60861 001 F2F	M-----	10:00-12:00 PM	06/01/15-06/01/15	CC 124	Freund C Randall A Sanner C Portmann R Abugan A	Closed
	-T-RF--	08:00-10:00 AM	06/02/15-07/23/15	 OHEC 119		

*Kansas Senate Bill SB 155*


## RC 130 - Respiratory Care Equipment

This course is an introduction to basic respiratory care equipment. The operation, function, calibration, troubleshooting and maintenance for oxygen administration devices, aerosol generators, humidifiers and hyperinflation devices will be addressed. Medical gas production and storage will also be addressed. 6 hrs. lecture, 8 hrs. lab/wk. Summer

**Credit Hours:** 4

**Prerequisite:** Admission to the respiratory care program

[Outline \(http://catalog.jccc.edu/coursedescriptions/rc/#RC\\_130\)](http://catalog.jccc.edu/coursedescriptions/rc/#RC_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60862 001 F2F	M-W-F--	01:00-03:00 PM	06/01/15-07/22/15	 OHEC 119	Freund C Randall A Sanner C Portmann R	Closed


**RC 135 - Cardiopulmonary Medicine I**

This is the first of three courses that provide a detailed review of the respiratory and cardiac system anatomy and physiology and the clinical implications of normal and abnormal function. 2 hrs./wk. Summer.

**Credit Hours:** 1

**Prerequisite:** Admission to the respiratory care program

[Outline \(http://catalog.jccc.edu/coursedescriptions/rc/#RC\\_135\)](http://catalog.jccc.edu/coursedescriptions/rc/#RC_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60863 001 F2F	--W----	08:00-10:00 AM	06/03/15-07/22/15	 OHEC 119	Randall A Sanner C 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. This course does not fulfill degree requirements. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Associated Costs:** \$5-15

**Prerequisites:** Appropriate test score; or either RDG 125 with a grade of "C" or higher; or EAP 111 and EAP 115 and EAP 122

[Outline \(http://catalog.jccc.edu/coursedescriptions/rdg/#RDG\\_126\)](http://catalog.jccc.edu/coursedescriptions/rdg/#RDG_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60299 001 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	CC 321	Graham L	Closed
60300 002 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	CC 321	McCall S	Closed

**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
60645 001 F2F	MTWR---	12:30-01:45 PM	06/01/15-07/23/15	CC 338	MacArthur S	Closed
60646 350 ONLNE	-----	-	06/01/15-07/23/15	Online	Robertson M	Closed
60647 351 ONLNE	-----	-	06/01/15-07/23/15	Online	Robertson M	Closed

**Railroad Electronics**



## RREL 114 - Traffic Control, Switch Machines & Locks

This course is the third of a series of four designed to provide entry (apprentice) level training to new signal employees, or those seeking to enter this trade. Upon successful completion of this course the student should be able to describe and maintain automatic block signaling systems, centralized traffic systems, power switches and locks. He should also be familiar with ground testing and isolation, as well as applicable rules and standards. 44 hrs. lecture 16 hrs. instructional lab studio/total

**Credit Hours:** 4

**Prerequisite:** RREL 112 and approval of the railroad training administrator and the JCCC department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/rrel/#RREL\\_114\)](http://catalog.jccc.edu/coursedescriptions/rrel/#RREL_114)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60199 001 F2F	--WRF--	07:00-04:00 PM	05/27/15-05/31/15	ITC 104	Babcock L	Closed

*Kansas Senate Bill SB 155*

## RREL 116 - Interlocking, Classification, Crossings & Gates

This course is the last of a series of four designed to provide entry (apprentice) level training to new signal employees, or those seeking to enter this trade. Upon successful completion of this course, the student should be able to perform interlocking plant and route plant analysis, explain classification yards, grade crossing warning systems, gates, and other devices, as well as applicable rules and standards. 44 hrs. lecture 16 hrs instructional lab/total

**Credit Hours:** 4

**Prerequisite:** RREL 114 and approval of the railroad training administrator and the JCCC department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/rrel/#RREL\\_116\)](http://catalog.jccc.edu/coursedescriptions/rrel/#RREL_116)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60207 001 F2F	--WRF--	07:00-04:00 PM	06/03/15-06/07/15	ITC 106	Babcock L	Closed

*Kansas Senate Bill SB 155*

## Railroad Industrial Technology

### RRIT 132 - Thermite Welding

Upon successful completion of this course, the student should be able to produce in a safe manner high-quality, sound thermite welds on standard rail and mismatched rail. This course is intended for people who are employed in the railroad industry. It will include specific in-depth industrial training. Students will be required to make various rail alignments and to grind various new and worn rails. 1 hr. lecture, 4 hrs. lab/wk.

**Credit Hours:** 3

**Prerequisites:** Approval of the BNSF manager of engineering and maintenance training and the JCCC department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/rrit/#RRIT\\_132\)](http://catalog.jccc.edu/coursedescriptions/rrit/#RRIT_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60981 011 F2F	MTWRF--	08:00-05:00 PM	07/20/15-07/31/15	ATB 127	Thomas L	14 of 14
	Lab	-----	-			
			07/20/15-07/31/15			

*Kansas Senate Bill SB 155*

Requirement: NARS dir/JCCC div adm approval

## Railroad Conductor

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

## 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
60878 001 F2F	MTWRF--	08:00-05:00 PM	06/08/15-06/12/15	ITC 104	Wiley K	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
60879 001 F2F	MTWRF--	08:00-05:00 PM	06/15/15-06/19/15	ITC 106	Wiley K	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
60880 001 F2F	MTWRF--	08:00-05:00 PM	06/22/15-06/26/15	ITC 104	Wiley K	Full

*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
-----	------	------	------	----------	------------	------------

60882 001 F2F MTWRF-- 08:00-05:00 PM 07/06/15-07/17/15 ITC 106 See D Full

Requirement: unavailable

### 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
60881 380 HYB	MTWRF--	08:00-05:00 PM	06/29/15-07/03/15	ITC 104	Brown T Wiley K	Full
	-----	-	06/29/15-09/25/15	Online		

Kansas Senate Bill SB 155

Requirement: unavailable

### Sustainable Agriculture

#### SAG 276 - Sustainable Agriculture Summer 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 summer season. This includes planning, production and marketing of spring and summer crops and planning and production of fall crops in high tunnels and open field. 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 \(http://catalog.jccc.edu/coursedescriptions/sag/#SAG\\_276\)](http://catalog.jccc.edu/coursedescriptions/sag/#SAG_276)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60909 001 F2F	---R---	09:00-09:50 AM	06/04/15-07/23/15	HSC 121	Shafer S	Closed
	Lab ---R---	10:00-11:50 AM	06/04/15-07/23/15	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. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

**Credit Hours:** 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/soc/#SOC\\_122\)](http://catalog.jccc.edu/coursedescriptions/soc/#SOC_122) [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60505 001 F2F	MTWR---	08:00-09:15 AM	06/01/15-07/23/15	GEB 375	Divney J	Closed
60506 002 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	GEB 240	Zirkle B	Closed
60507 003 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	GEB 240	Zirkle B	Closed
60508 004 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	GEB 240	Whitman L	Closed

<b>60509</b> 005 F2F	-T-R---	06:00-08:30 PM	06/02/15-07/23/15	GEB 375	Grinter B	<b>Closed</b>
<b>60510</b> 006 F2F	MTWR---	12:30-01:45 PM	06/01/15-07/23/15	GEB 240	Pant R	<b>Closed</b>
<b>60512</b> 350 ONLNE	-----	-	06/01/15-07/23/15	<b>Online</b>	Ketter T	<b>Closed</b>
<b>60515</b> 351 ONLNE	-----	-	06/01/15-07/23/15	<b>Online</b>	Ketter T	<b>Closed</b>

## 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
<b>60517</b> 001 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	GEB 375	Killeen J	<b>Closed</b>
<b>60519</b> 002 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	GEB 375	Seiler C	<b>Closed</b>
<b>60589</b> 350 ONLNE	-----	-	06/01/15-07/23/15	<b>Online</b>	Petrovic U	<b>Closed</b>
<b>60590</b> 351 ONLNE	-----	-	06/01/15-07/23/15	<b>Online</b>	Petrovic U	<b>Closed</b>

## SOC 131 - Sociology of Families

This is a sociological examination of marriage and the family as a social institution. It will emphasize social theory, changing roles, family formation, socialization, domestic conflict, interaction among family members and marriage partners, and the role of marriage and the family in society. 3 hrs.lecture/wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/soc/#SOC\\_131\)](http://catalog.jccc.edu/coursedescriptions/soc/#SOC_131) | [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>60591</b> 001 F2F	-T-R---	06:00-08:30 PM	06/02/15-07/23/15	GEB 240	Whitman L	<b>Closed</b>
<b>60593</b> 350 ONLNE	-----	-	06/01/15-07/23/15	<b>Online</b>	Harris M	<b>Closed</b>

## Speech/Debate

### SPD 120 - Interpersonal Communication

This course focuses on the principles of effective speech communication in small group and one-to-one relationships. Theory and practice of interpersonal communication are studied and applied to a variety of life situations. The course focuses on perception, self-concept, listening, conflict, language, nonverbal communication and culture as they relate to interpersonal relationships. 3 hrs.lecture/wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

**Credit Hours: 3**

**Associated Costs: \$5 to \$10**

[Outline \(http://catalog.jccc.edu/coursedescriptions/spd/#SPD\\_120\)](http://catalog.jccc.edu/coursedescriptions/spd/#SPD_120) | [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>60810</b> 001 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	CC 332	Vasquez A	<b>Closed</b>
<b>60811</b> 002 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	CC 332	Vasquez A	<b>Closed</b>
<b>60812</b> 003 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	CC 332	Dillavou T	<b>Closed</b>

<b>60813</b> 004 F2F	-T-R---	06:00-08:30 PM	06/02/15-07/23/15	CC 332	Kiser M	<b>Closed</b>
<b>60816</b> 350 ONLNE	-----	-	06/01/15-07/23/15	<b>Online</b>	Sewell E	<b>Closed</b>

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, Emily Sewell, at 913-469-8500, ext. 5336, or e-mail esewell2@jccc.edu.

<b>60817</b> 351 ONLNE	-----	-	06/01/15-07/23/15	<b>Online</b>	Sewell E	<b>Closed</b>
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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, 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) | [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>60818</b> 001 F2F	MTWR---	08:00-09:15 AM	06/01/15-07/23/15	CC 325	Hilton M	<b>Closed</b>
<b>60819</b> 002 F2F	MTWR---	08:00-09:15 AM	06/01/15-07/23/15	CC 216	Mohr M	<b>Closed</b>
<b>60820</b> 003 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	CC 325	Hilton M	<b>Closed</b>
<b>60821</b> 004 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	CC 216	Rose S	<b>Closed</b>
<b>60822</b> 005 F2F	MTWR---	12:30-01:45 PM	06/01/15-07/23/15	CC 216	Rose S	<b>Closed</b>
<b>60823</b> 006 F2F	M-W----	09:30-12:00 PM	06/01/15-07/22/15	CC 318	Mayo S	<b>Closed</b>
<b>60824</b> 007 F2F	M-W----	02:00-04:30 PM	06/01/15-07/22/15	CC 216	Coupe K	<b>Closed</b>
<b>60825</b> 008 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	CC 216	Patrick B	<b>Closed</b>
<b>60826</b> 009 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	CC 325	Rose T	<b>Closed</b>
<b>60827</b> 010 F2F	M-W----	06:00-08:30 PM	06/01/15-07/22/15	CC 331	Broxterman P	<b>Closed</b>
<b>60828</b> 011 F2F	-T-R---	09:30-11:59 AM	06/02/15-07/23/15	CC 318	Mayo S	<b>Closed</b>
<b>60829</b> 012 F2F	-T-R---	02:00-04:30 PM	06/02/15-07/23/15	CC 216	Coupe K	<b>Closed</b>
<b>60830</b> 013 F2F	-T-R---	06:00-08:30 PM	06/02/15-07/23/15	CC 216	Heapes T	<b>Closed</b>
<b>60831</b> 014 F2F	-T-R---	06:00-08:30 PM	06/02/15-07/23/15	CC 325	Rose T	<b>Closed</b>
<b>60832</b> 100 F2F	MTWR---	08:00-10:30 AM	06/01/15-06/25/15	CC 312	Craig B	<b>Closed</b>
<b>60833</b> 101 F2F	MTWR---	09:30-12:00 PM	06/01/15-06/25/15	CC 331	Stanley J	<b>Closed</b>
<b>60834</b> 102 F2F	MTWR---	10:45-01:15 PM	06/01/15-06/25/15	CC 312	Craig B	<b>Closed</b>
<b>60835</b> 103 F2F	MTWR---	12:30-03:00 PM	06/01/15-06/25/15	CC 331	Stanley J	<b>Closed</b>
<b>60836</b> 104 F2F	MTWR---	03:00-05:30 PM	06/01/15-06/25/15	OCB 142	Schrag C	<b>Closed</b>
<b>60837</b> 105 F2F	MTWR---	06:00-08:30 PM	06/01/15-06/25/15	CC 318	Schaefer M	<b>Closed</b>
<b>60838</b> 106 F2F	MTWR---	08:00-10:30 AM	06/29/15-07/23/15	CC 312	Luongo J	10 of 20
<b>60839</b> 107 F2F	MTWR---	09:30-12:00 PM	06/29/15-07/23/15	CC 331	Naeymi D	<b>Full</b>
<b>60840</b> 108 F2F	MTWR---	10:45-01:15 PM	06/29/15-07/23/15	CC 312	Luongo J	15 of 20

<b>60841</b>	109 F2F	MTWR---	12:30-03:00 PM	06/29/15-07/23/15	CC 331	Naeymi D	8 of 20
<b>60842</b>	110 F2F	MTWR---	03:00-05:30 PM	06/29/15-07/23/15	CC 312	Buta C	12 of 20
<b>60843</b>	111 F2F	MTWR---	06:00-08:30 PM	06/29/15-07/23/15	CC 318	Buta C	2 of 20
<b>60844</b>	376 HYB	-----	-	06/01/15-06/25/15	Online	Easley T	Closed
		---R---	09:00-11:45 AM	06/04/15-06/04/15	GEB 238		
		---R---	09:00-11:45 AM	06/11/15-06/11/15	GEB 238		
		---R---	09:00-11:45 AM	06/18/15-06/18/15	GEB 238		
		---R---	09:00-11:45 AM	06/25/15-06/25/15	GEB 238		

*Mandatory Classroom Meetings*

Note: SPD 121 376 will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, students will use D2L to complete assignments, quizzes and communication functions. Students will also attend four required on-campus class meetings to present their speeches. The course will be available in D2L on the first day of class.

<b>60845</b>	377 HYB	-----	-	06/01/15-06/25/15	Online	Miller D	Closed
		---R---	12:00-02:45 PM	06/04/15-06/04/15	CC 318		
		---R---	12:00-02:45 PM	06/11/15-06/11/15	CC 318		
		---R---	12:00-02:45 PM	06/18/15-06/18/15	CC 318		
		---R---	12:00-02:45 PM	06/25/15-06/25/15	CC 318		

*Mandatory Classroom Meetings*

Note: SPD 121 377 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use D2L to complete written assignments, testing and to communicate with the instructor and fellow students. In addition, attendance at four on-campus sessions to deliver speeches to fellow students and the instructor is required. A letter with more explanation will be sent, via JCCC stumail, to students approximately one week before the first day of class. For more information, contact the instructor, Deana Miller, at 913-469-8500, ext. 4522, or at demiller@jccc.edu.

<b>60846</b>	378 HYB	-----	-	06/01/15-06/25/15	Online	Easley T	Closed
		---R---	12:30-03:15 PM	06/04/15-06/04/15	CC 325		
		---R---	12:30-03:15 PM	06/11/15-06/11/15	CC 325		
		---R---	12:30-03:15 PM	06/18/15-06/18/15	CC 325		
		---R---	12:30-03:15 PM	06/25/15-06/25/15	CC 325		

*Mandatory Classroom Meetings*

Note: SPD 121 378 will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, students will use D2L to complete assignments, quizzes and communication functions. Students will also attend four required on-campus class meetings to present their speeches. The course will be available in D2L on the first day of class.

<b>60847</b>	379 HYB	-----	-	06/01/15-06/25/15	Online	Miller D	Closed
		---R---	03:00-05:45 PM	06/04/15-06/04/15	CC 318		
		---R---	03:00-05:45 PM	06/11/15-06/11/15	CC 318		
		---R---	03:00-05:45 PM	06/18/15-06/18/15	CC 318		
		---R---	03:00-05:45 PM	06/25/15-06/25/15	CC 318		

*Mandatory Classroom Meetings*

Note: SPD 121 379 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use D2L to complete written assignments, testing and to communicate with the instructor and fellow students. In addition, attendance at four on-campus sessions to deliver speeches to fellow students and the instructor is required. A letter with more explanation will be sent, via JCCC stumail, to students approximately one week before the first day of class. For more information, contact the instructor, Deana Miller, at 913-469-8500, ext. 4522, or at demiller@jccc.edu.

<b>60848</b>	380 HYB	-----	-	06/29/15-07/23/15	Online	Welsch L	Full
		---R---	09:00-11:45 AM	07/02/15-07/02/15	GEB 311		
		---R---	09:00-11:45 AM	07/09/15-07/09/15	GEB 311		
		---R---	09:00-11:45 AM	07/16/15-07/16/15	GEB 311		
		---R---	09:00-11:45 AM	07/23/15-07/23/15	GEB 311		

*Mandatory Classroom Meetings*

<b>60849</b>	381 HYB	-----	-	06/29/15-07/23/15	Online	Cramer D	Full
		---R---	12:00-02:45 PM	07/02/15-07/02/15	CC 325		
		---R---	12:00-02:45 PM	07/09/15-07/09/15	CC 325		
		---R---	12:00-02:45 PM	07/16/15-07/16/15	CC 325		
		---R---	12:00-02:45 PM	07/23/15-07/23/15	CC 325		

*Mandatory Classroom Meetings*

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, testing and to communicate with the instructor and fellow students. In addition, attendance at four on-campus sessions to deliver speeches to fellow students and the instructor is required. A letter with more explanation will be sent, via JCCC stumail, to students approximately one week before the first day of class. For more information, contact the instructor, Dan Cramer, at 913-469-8500, ext. 5407, or at dcramer2@jccc.edu.

<b>60850</b> 382 HYB	-----	-	06/29/15-07/23/15	<b>Online</b>	Welsch L	<b>Full</b>
	---R---	03:00-05:45 PM	07/02/15-07/02/15	CC 325		
	---R---	03:00-05:45 PM	07/09/15-07/09/15	CC 325		
	---R---	03:00-05:45 PM	07/16/15-07/16/15	CC 325		
	---R---	03:00-05:45 PM	07/23/15-07/23/15	CC 325		

#### Mandatory Classroom Meetings

Note: SPD 121 382 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use D2L to complete written assignments, testing and to communicate with the instructor and fellow students. In addition, attendance at four on-campus sessions to deliver speeches to fellow students and the instructor is required. 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, Lindsey Welsch, at 913-469-8500, ext. 5323, or at lwelsch@jccc.edu.

<b>60940</b> 384 HYB	-----	-	06/01/15-06/24/15	<b>Online</b>	Easley T	<b>Closed</b>
	--W----	03:00-05:45 PM	06/03/15-06/03/15	CC 325		
	--W----	03:00-05:45 PM	06/10/15-06/10/15	CC 325		
	--W----	03:00-05:45 PM	06/17/15-06/17/15	CC 325		
	--W----	03:00-05:45 PM	06/24/15-06/24/15	CC 325		

Note: SPD 121 384 will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, students will use D2L to complete assignments, quizzes and communication functions. Students will also attend four required on-campus class meetings to present their speeches. The course will be available in D2L on the first day of class.

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>60852</b> 001 F2F	MTWR---	09:30-10:45 AM	06/01/15-07/23/15	CC 216	Mohr M	<b>Closed</b>

## 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

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

[Outline \(http://catalog.jccc.edu/coursedescriptions/spd/#SPD\\_180\)](http://catalog.jccc.edu/coursedescriptions/spd/#SPD_180) | [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>60854</b> 350 ONLINE	-----	-	06/01/15-07/23/15	<b>Online</b>	Gibbens M	<b>Closed</b>
Note: For more information, contact the instructor, Meredith Gibbens at mgibbens@jccc.edu.						
<b>60954</b> 351 ONLINE	-----	-	06/01/15-07/23/15	<b>Online</b>	Welsch L	<b>Closed</b>

## Theater

### THEA 120 - Introduction to Theater

Students will be introduced to a variety of theatrical experiences, read great plays and see live theater presentations. They also will discuss theater practices, dramatic literature and the history of the theater. Includes required shop hours. 3 hrs. lecture/wk.

**Credit Hours:** 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/thea/#THEA\\_120\)](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_120) [Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60333 001 F2F	MTWR---	11:00-12:15 PM	06/01/15-07/23/15	GEB 342	Noble T	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
60335 001 F2F	M-W----	03:00-05:50 PM	06/01/15-07/22/15	CC BLBOX	Noble T	Closed

## THEA 131 - Voice and Speech

The student will develop techniques to expand breath support, vocal range and dynamics; learn precise articulation; and strengthen the connection between thought and sound. Through the use of exercises to free, develop and strengthen the voice, the student will be better able to communicate the full range of human emotion and all the nuances of thought. Skills acquired in this course are essential for actors, broadcast journalists, educators and other public speakers. 3 hrs. lecture/wk. This course is typically taught in the fall semester.

**Credit Hours:** 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/thea/#THEA\\_131\)](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60336 001 F2F	MTWR---	12:00-02:30 PM	06/01/15-06/25/15	CC BLBOX	Stackhouse R	Closed

## 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:** \$50-\$75

[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
60934 350 ONLINE	-----	-	06/02/15-07/23/15	Online	Friedrichsen L	Closed
<i>Kansas Senate Bill SB 155</i>						
60935 351 ONLINE	-----	-	06/02/15-07/23/15	Online	Hopper J	Closed
<i>Kansas Senate Bill SB 155</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:** \$50-\$75

**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
60936 376 HYB	--W----	05:00-06:50 PM	06/03/15-07/22/15	RC 323	Pritchard M	Closed
	-----	-	06/03/15-07/22/15	Online		

*Kansas Senate Bill SB 155  
Mandatory Classroom Meetings*

## 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:** \$50-\$75

**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
60937 001 F2F	-T-R--	06:00-08:50 PM	06/02/15-07/23/15	RC 323	Hopper J	Closed

## 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:** \$50-\$75

**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
60938 350 ONLNE	-----	-	06/01/15-06/29/15	Online	Mahring B	Closed

*Kansas Senate Bill SB 155*

## WEB 154 - Web Pages: Dreamweaver I

This course will cover the commands and techniques required to create and revise web pages using Dreamweaver. Topics to be covered will include basic text layout, viewing and identifying basic HyperText Markup Language (HTML) tags, creating a site map, formatting a Web page, applying background color, inserting images and sounds, creating ordered and unordered lists, inserting files and creating links on Web pages. 1 hr. lecture/wk.

**Credit Hours:** 1

**Associated Costs:** \$50-\$75

**Prerequisite or corequisite:** WEB 150

[Outline \(http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_154\)](http://catalog.jccc.edu/coursedescriptions/web/#WEB_154)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60939 350 ONLNE	-----	-	06/03/15-06/29/15	Online	Hopper J	Closed

## Promoted Searches

- [Online Classes \(/student/ClassSearch/class/results/term\\_type/Credit/section\\_status/OPEN/section\\_delivery\\_method/ONLINE?ecid=featured\)](/student/ClassSearch/class/results/term_type/Credit/section_status/OPEN/section_delivery_method/ONLINE?ecid=featured)
- [Evening Classes \(/student/ClassSearch/class/results/term\\_type/Credit/section\\_status/OPEN/meeting\\_time\\_category/EVENING?ecid=featured\)](/student/ClassSearch/class/results/term_type/Credit/section_status/OPEN/meeting_time_category/EVENING?ecid=featured)
- [Classes Starting Soon \(/student/ClassSearch/class/results/term\\_type/Credit/section\\_status/OPEN?startDaysOut=30&ecid=featured\)](/student/ClassSearch/class/results/term_type/Credit/section_status/OPEN?startDaysOut=30&ecid=featured)
- [Kansas State Bill 155 Classes \(/student/ClassSearch/class/results/term\\_type/Credit?query=keywords%3As155&ecid=featured\)](/student/ClassSearch/class/results/term_type/Credit?query=keywords%3As155&ecid=featured)
- [Short-term Classes \(/student/ClassSearch/class/results/term\\_type/Credit?query=keywords%3Ashortterm&ecid=featured\)](/student/ClassSearch/class/results/term_type/Credit?query=keywords%3Ashortterm&ecid=featured)
- [Two x 2 x 2 Classes \(/student/ClassSearch/class/results/term\\_type/Credit?query=keywords%3A2x2&ecid=featured\)](/student/ClassSearch/class/results/term_type/Credit?query=keywords%3A2x2&ecid=featured) **New**

## Resources for Credit Students

- [Steps to enroll \(http://www.jccc.edu/enroll/credit-steps\)](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)

## Need help?

Please call the Success Center at 913-469-3803 (tel:9134693803) for assistance.