

Credit (/class/search/term\_type/Credit)

Credit Spring 2019

search words

Advanced Search (/class/search/advanced/yes/term\_type/Credit/term\_code/201901)

## Credit Summer 2018

### Academic Achievement Center

#### AAC 100 - Study Skills

This self-instructional course is designed to improve students' ability to study efficiently. Based on the results of a study skills survey administered during the student's initial visit to the center, an individualized program is established. Using instructional material provided by the AAC, students will master a variety of concepts, including time management, goal setting, textbook reading, note taking from textbook and from lecture, stress management, test taking and using college resources. An Academic Achievement Center instructor is available to work with the student to establish specific instructional goals, administer tests, and provide individualized instruction as it is needed to complete the student's program. 20 hrs./semester

**Credit Hours:** 1

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

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

| CRN           | Days  | Time | Date              | Location | Instructor             | Seats Open |
|---------------|-------|------|-------------------|----------|------------------------|------------|
| 60026 001 IND | ----- | -    | 06/04/18-07/26/18 | OCB 304  | Merritt J<br>Fielder R | Closed     |

#### AAC 102 - Basic Spelling

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

**Credit Hours:** 3

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

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

| CRN           | Days  | Time | Date              | Location | Instructor             | Seats Open |
|---------------|-------|------|-------------------|----------|------------------------|------------|
| 60027 001 IND | ----- | -    | 06/04/18-07/29/18 | OCB 304  | Merritt J<br>Fielder R | Closed     |

#### AAC 106 - Vocabulary Development

This self-instructional course is designed for college students who wish to expand both their receptive and expressive vocabulary levels. College students are expected to be able to recognize and use vocabularies specific to specialized and changing contents, i.e., data processing, sociology and business. A vocabulary placement test will be administered to determine a starting level. Instructional material provided by the AAC includes Latin and Greek derivatives, specialized vocabulary, stated and implied meanings as well as the process of acquisition (context clues, etymology and derivatives). An Academic Achievement Center instructor is available to work with the student to establish specific instructional goals, administer tests and provide individualized instruction as needed to complete the student's program. 20 hrs./semester

**Credit Hours:** 1

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

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

| CRN           | Days  | Time | Date              | Location | Instructor             | Seats Open |
|---------------|-------|------|-------------------|----------|------------------------|------------|
| 60028 001 IND | ----- | -    | 06/04/18-07/29/18 | OCB 304  | Merritt J<br>Fielder R | Closed     |

### AAC 112 - Basic Math Review

This self-instructional course is designed for students who need to learn or review basic mathematical concepts. Based on the results of a pretest administered during the student's initial visit to the Center, an individualized program is established. While one student may begin the program with multiplication facts, another may begin with solving proportions or equations. Instructional material is provided by the AAC. An Academic Achievement Center instructor is available to work with the student to establish specific instructional goals, administer tests and to provide individualized instruction as needed to complete the student's program. 20 hrs./semester

**Credit Hours:** 1

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

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

| CRN           | Days  | Time | Date              | Location | Instructor             | Seats Open |
|---------------|-------|------|-------------------|----------|------------------------|------------|
| 60029 001 IND | ----- | -    | 06/04/18-07/29/18 | OCB 304  | Merritt J<br>Fielder R | Closed     |

### AAC 113 - Algebra Preparation

This self-instructional course is designed for students who possess basic math skills and want to learn basic concepts in algebra. Based on the results of a pretest administered during the student's initial visit to the center, an individualized program is established. Using instructional material provided by the AAC, students will master a variety of concepts, including the terminology of mathematics and algebra, simplifying open expressions, solving algebraic equations and other concepts. An Academic Achievement Center instructor will be available to work with the student to establish specific instructional goals, administer tests and provide individualized instruction as needed to complete the student's program. 20 hrs./semester

**Credit Hours:** 1

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

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

| CRN           | Days  | Time | Date              | Location | Instructor             | Seats Open |
|---------------|-------|------|-------------------|----------|------------------------|------------|
| 60030 001 IND | ----- | -    | 06/04/18-07/29/18 | OCB 304  | Merritt J<br>Fielder R | Closed     |

### AAC 120 - Individualized Study

This self-instructional course is designed for students who want to improve in any of the following AAC areas: study skills, reading comprehension, reading rate, vocabulary improvement, advanced spelling, basic math, algebra preparation or chemistry preparation. Once the area of study has been determined, a pretest will be administered by the instructor and a program of study will be developed using materials provided by the AAC. An Academic Achievement Center instructor is available to work with students to establish specific goals, administer tests, and to provide individualized instruction needed to complete the student's program. 20 hrs./semester

**Credit Hours:** 1

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

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

| CRN           | Days  | Time | Date              | Location | Instructor               | Seats Open |
|---------------|-------|------|-------------------|----------|--------------------------|------------|
| 60031 001 IND | ----- | -    | 06/04/18-07/29/18 | OCB 304  | Merritt J<br>Fielder R   | Closed     |
| 60946 002 IND | ----- | -    | 06/04/18-07/26/18 | OCB 304  | Parra L<br>Rottinghaus D | Closed     |

Note: This section is intended for students who have shown a need for targeted reading improvement.

## 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 |
|-----------------|-------|------|-------------------|----------|------------|------------|
| 60081 350 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Farmer C   | Closed     |

*SB 155 Excel in CTE*

*Accelerating Opportunity KS*

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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

### 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))

| CRN           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60082 001 F2F | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | GEB 254  | Megariss M | Closed     |
| 60083 002 F2F | MTWR--- | 11:00-12:15 PM | 06/04/18-07/26/18 | GEB 254  | Megariss M | Closed     |

*SB 155 Excel in CTE*

*Accelerating Opportunity KS*

| CRN  | Days    | Time           | Date              | Location | Instructor  | Seats Open    |
|--|---------|----------------|-------------------|----------|-------------|---------------|
| <i>SB 155 Excel in CTE</i><br><i>Accelerating Opportunity KS</i> |         |                |                   |          |             |               |
| <b>60084</b> 003 F2F   | M-W---- | 06:00-08:30 PM | 06/04/18-07/25/18 | GEB 254  | Wayne A     | <b>Closed</b> |
| <i>SB 155 Excel in CTE</i><br><i>Accelerating Opportunity KS</i> |         |                |                   |          |             |               |
| <b>60086</b> 350 ONLNE   | -----   | -              | 06/04/18-07/26/18 | Online   | Krug D      | <b>Closed</b> |
| <i>Accelerating Opportunity KS</i><br><i>SB 155 Excel in CTE</i> |         |                |                   |          |             |               |
| <b>60087</b> 351 ONLNE   | -----   | -              | 06/04/18-07/26/18 | Online   | Krug D      | <b>Closed</b> |
| <i>Accelerating Opportunity KS</i><br><i>SB 155 Excel in CTE</i> |         |                |                   |          |             |               |
| <b>60088</b> 352 ONLNE   | -----   | -              | 06/04/18-07/26/18 | Online   | Krug D      | <b>Closed</b> |
| <i>SB 155 Excel in CTE</i><br><i>Accelerating Opportunity KS</i> |         |                |                   |          |             |               |
| <b>60089</b> 353 ONLNE   | -----   | -              | 06/04/18-07/26/18 | Online   | Spoolstra A | <b>Closed</b> |
| <i>SB 155 Excel in CTE</i><br><i>Accelerating Opportunity KS</i> |         |                |                   |          |             |               |
| <b>60090</b> 354 ONLNE   | -----   | -              | 06/04/18-07/26/18 | Online   | Spoolstra A | <b>Closed</b> |
| <i>SB 155 Excel in CTE</i><br><i>Accelerating Opportunity KS</i> |         |                |                   |          |             |               |
| <b>60091</b> 355 ONLNE   | -----   | -              | 06/04/18-07/26/18 | Online   | Spoolstra A | <b>Closed</b> |
| <i>Accelerating Opportunity KS</i><br><i>SB 155 Excel in CTE</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>60092</b> 001 F2F       | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | GEB 256  | Gluhovsky A  | <b>Closed</b> |
| <i>SB 155 Excel in CTE</i> |         |                |                   |          |              |               |
| <b>60095</b> 350 ONLNE     | -----   | -              | 06/04/18-07/26/18 | Online   | Fisher E     | <b>Closed</b> |
| <i>SB 155 Excel in CTE</i> |         |                |                   |          |              |               |
| <b>60096</b> 351 ONLNE     | -----   | -              | 06/04/18-07/26/18 | Online   | Fisher E     | <b>Closed</b> |
| <i>SB 155 Excel in CTE</i> |         |                |                   |          |              |               |
| <b>60097</b> 352 ONLNE     | -----   | -              | 06/04/18-07/26/18 | Online   | Sivaratnam L | <b>Closed</b> |
| <i>SB 155 Excel in CTE</i> |         |                |                   |          |              |               |
| <b>60093</b> 960 F2F       | MTWR--- | 11:00-12:15 PM | 06/04/18-07/26/18 | GEB 256  | Gluhovsky A  | <b>Closed</b> |
| <i>SB 155 Excel in CTE</i> |         |                |                   |          |              |               |

## ACCT 136 - Computerized Accounting Applications

Upon successful completion of this course, a student will be able to use accounting software to record daily transactions, perform reconciliations, record payroll, generate reports, set up new companies and create budgets. 2 hrs. lecture/wk.

**Credit Hours:** 2

**Prerequisite:** ACCT 111 or ACCT 121

Outline ([http://catalog.jccc.edu/coursedescriptions/acct/#ACCT\\_136](http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_136))

| CRN             | Days  | Time | Date              | Location | Instructor | Seats Open |
|-----------------|-------|------|-------------------|----------|------------|------------|
| 60098 350 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Van Dyke E | Closed     |

*SB 155 Excel in CTE*

Note: Access to QuickBooks (QB) is required. A new textbook contains a CD and registration code for a trial version of QB 2015. QB prefers Windows (and not a Mac). Use of a MAC is NOT recommended. Some JCCC computer labs have QB 2015 installed as well.

## 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 |
|-----------------|---------|----------------|-------------------|----------|------------|------------|
| 60099 001 F2F   | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | GEB 363  | Cropp D    | Closed     |
| 60101 003 F2F   | M-W---- | 06:00-08:30 PM | 06/04/18-07/25/18 | GEB 363  | Henn R     | Closed     |
| 60102 350 ONLNE | -----   | -              | 06/04/18-07/26/18 | Online   | Jones L    | Closed     |
| 60103 351 ONLNE | -----   | -              | 06/04/18-07/26/18 | Online   | Jones L    | Closed     |

*SB 155 Excel in CTE*

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## 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 |
|-----------------|-------|------|-------------------|----------|------------|------------|
| 60168 351 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Sissom K   | Closed     |

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

KBOR Seamless Transfer

## 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 |
|-----------------|-------|------|-------------------|----------|--------------|------------|
| 60169 351 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Gabrielson J | Closed     |

## 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 |
|-----------------|-------|------|-------------------|----------|-------------|------------|
| 60170 351 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Galbrecht F | Closed     |
| 60944 352 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Blank S     | Closed     |

## ADMJ 150 - Criminal Procedure

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

**Credit Hours: 3**

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

| CRN             | Days  | Time | Date              | Location | Instructor | Seats Open |
|-----------------|-------|------|-------------------|----------|------------|------------|
| 60172 351 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Blank S    | Closed     |

## ADMJ 154 - Fundamentals of Criminal Investigation

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

**Credit Hours: 3**

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

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

| CRN             | Days  | Time | Date              | Location | Instructor | Seats Open |
|-----------------|-------|------|-------------------|----------|------------|------------|
| 60173 351 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Groves M   | Closed     |

## ADMJ 215 - Understanding Terrorism

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

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ\\_215](http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_215))

| CRN             | Days  | Time | Date              | Location | Instructor  | Seats Open |
|-----------------|-------|------|-------------------|----------|-------------|------------|
| 60174 351 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Galbrecht F | Closed     |

## ADMJ 235 - Community Based Corrections

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

**Credit Hours: 3**

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

| CRN             | Days  | Time | Date              | Location | Instructor | Seats Open |
|-----------------|-------|------|-------------------|----------|------------|------------|
| 60175 351 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Welch J    | Closed     |

## ADMJ 285 - Administration of Justice Internship

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

**Credit Hours: 3**

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

Outline ([http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ\\_285](http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_285))

| CRN           | Days  | Time | Date              | Location | Instructor  | Seats Open |
|---------------|-------|------|-------------------|----------|-------------|------------|
| 60943 501 INT | ----- | -    | 06/04/18-07/26/18 |          | Galbrecht F | 4 of 6     |

Requirement: Department approval

## Automation Engineering Tech

## AET 240 - Industrial Robotics

This course examines types, applications and troubleshooting of industrial robots and subsystems. Included in this course is the programming of industrial robotic control software. Students learn to home a robot, test teach points and design simple robot programs for different applications. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

**Credit Hours:** 3

**Prerequisite:** ELTE 110

Outline ([http://catalog.jccc.edu/coursedescriptions/aet/#AET\\_240](http://catalog.jccc.edu/coursedescriptions/aet/#AET_240))

| CRN           | Days        | Time           | Date              | Location | Instructor | Seats Open |
|---------------|-------------|----------------|-------------------|----------|------------|------------|
| 60938 001 F2F | -T-R---     | 05:00-06:50 PM | 06/05/18-07/26/18 | ITC 187  | Clark H    | Closed     |
|               | Lab -T-R--- | 07:00-09:50 PM | 06/05/18-07/26/18 | ITC 191B |            |            |

*SB 155 Excel in CTE*

## Animation

### ANI 122 - Digital Rendering for Animation

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

**Credit Hours:** 3

**Prerequisite or corequisite:** CDTP 135

Outline ([http://catalog.jccc.edu/coursedescriptions/ani/#ANI\\_122](http://catalog.jccc.edu/coursedescriptions/ani/#ANI_122))

| CRN           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60209 001 F2F | MTWR--- | 12:00-02:50 PM | 06/04/18-07/26/18 | RC 311   | Stirk L    | Closed     |

*SB 155 Excel in CTE*

### ANI 125 - Introduction to 2D Animation

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

**Credit Hours:** 3

**Associated Costs:** \$50

**Prerequisite or Corequisite:** CDTP 135

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

| CRN           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60211 001 F2F | MTWR--- | 09:00-11:50 AM | 06/04/18-07/26/18 | RC 311   | Kimball L  | Closed     |

*SB 155 Excel in CTE*

## Anthropology

### ANTH 125 - Cultural Anthropology



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

**Credit Hours: 3**

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

| CRN                           | Days    | Time           | Date              | Location | Instructor    | Seats Open    |
|-------------------------------|---------|----------------|-------------------|----------|---------------|---------------|
| <b>60394</b> 001 F2F          | -T-R--- | 06:00-08:30 PM | 06/05/18-07/26/18 | GEB 338  | Raab L        | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |               |               |
| <b>60396</b> 351 ONLNE        | -----   | -              | 06/04/18-07/26/18 | Online   | Raab A        | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |               |               |
| <b>60398</b> 352 ONLNE        | -----   | -              | 06/04/18-07/26/18 | Online   | Huber-Smith M | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |               |               |
| <b>60399</b> 353 ONLNE        | -----   | -              | 06/04/18-07/26/18 | Online   | Raab A        | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |               |               |

## ANTH 126 - Physical Anthropology

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

**Credit Hours: 3**

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

| CRN                    | Days  | Time | Date              | Location | Instructor | Seats Open    |
|------------------------|-------|------|-------------------|----------|------------|---------------|
| <b>60400</b> 351 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Corbett S  | <b>Closed</b> |

## 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    |
|------------------------|-------|------|-------------------|----------|---------------|---------------|
| <b>60402</b> 351 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Ediger R      | <b>Closed</b> |
| <b>60403</b> 352 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Huber-Smith M | <b>Closed</b> |
| <b>60960</b> 353 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Harmon L      | <b>Closed</b> |

## 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.

**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 |
|------------------|-------|------|-------------------|----------|------------|------------|
| 60404 351 ONLINE | ----- | -    | 06/04/18-07/26/18 | 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 |
|---------------|---------|----------------|-------------------|----------|-------------|------------|
| 60405 001 F2F | MTWRF-- | 10:00-12:00 PM | 06/04/18-06/15/18 | GEB 338  | McFarlane W | Closed     |
|               | MTWRF-- | 01:00-03:00 PM | 06/04/18-06/15/18 | GEB 338  |             |            |

## 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 |
|---------------|---------|----------------|-------------------|----------|-------------|------------|
| 60406 975 F2F | MTWRF-- | 07:00-04:00 PM | 06/18/18-07/13/18 |          | McFarlane W | Closed     |
|               | MTWRF-- | 10:00-12:00 PM | 07/16/18-07/20/18 | GEB 338  |             |            |
|               | MTWRF-- | 01:00-03:00 PM | 07/16/18-07/20/18 | GEB 338  |             |            |

## 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 |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60728 001 F2F | -T-R--- | 12:00-05:15 PM | 06/05/18-07/26/18 | LIB 346  | Hetler C   | Closed     |

## ART 129 - Design Color

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

**Credit Hours:** 3

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

**Prerequisite or corequisite:** CDTP 135

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

| CRN           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60729 001 F2F | -T-R--- | 12:00-05:15 PM | 06/05/18-07/26/18 | LIB 311  | Nemer T    | Closed     |

## ART 130 - Drawing I

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

**Credit Hours:** 3

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

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

| CRN           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60176 001 F2F | MTW---- | 08:00-11:50 AM | 06/04/18-07/25/18 | ATB 109  | Kira K     | Closed     |

*KBOR Seamless Transfer*

|               |         |                |                   |         |           |        |
|---------------|---------|----------------|-------------------|---------|-----------|--------|
| 60177 002 F2F | MTW---- | 06:00-09:50 PM | 06/04/18-07/25/18 | ATB 109 | Stewart M | Closed |
|---------------|---------|----------------|-------------------|---------|-----------|--------|

*KBOR Seamless Transfer*

## 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 |
|-----|------|------|------|----------|------------|------------|
|-----|------|------|------|----------|------------|------------|

| CRN           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60178 002 F2F | MTW---- | 06:00-09:50 PM | 06/04/18-07/25/18 | 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 |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60179 001 F2F | MTW---- | 01:00-04:50 PM | 06/04/18-07/25/18 | 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 |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60182 001 F2F | MTW---- | 08:00-11:50 AM | 06/04/18-07/25/18 | ATB 111  | Haney N    | Closed     |
| 60184 002 F2F | -TWR--- | 01:00-04:50 PM | 06/05/18-07/26/18 | ATB 111  | Davis S    | Closed     |

## ART 143 - Ceramics II

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

**Credit Hours:** 3

**Associated Costs:** \$100 to 250

**Prerequisite:** ART 142

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

| CRN           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60185 001 F2F | MTW---- | 08:00-11:50 AM | 06/04/18-07/25/18 | ATB 111  | Haney N    | Closed     |
| 60186 002 F2F | -TWR--- | 01:00-04:50 PM | 06/05/18-07/26/18 | ATB 111  | Davis S    | 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 |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60189 001 F2F | MTW---- | 01:00-04:50 PM | 06/04/18-07/25/18 | 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 |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60190 001 F2F | MTW---- | 01:00-04:50 PM | 06/04/18-07/25/18 | 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 |
|---------------|-------|------|-------------------|----------|------------|------------|
| 60191 961 IND | ----- | -    | 06/04/18-07/26/18 |          | Cowardin M | 1 of 1     |

Requirement: Department approval

## Art History

**ARTH 180 - Art History: Ancient to Renaissance** ▶

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

**Credit Hours: 3**

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

| CRN                           | Days  | Time | Date              | Location | Instructor  | Seats Open |
|-------------------------------|-------|------|-------------------|----------|-------------|------------|
| <b>60214</b> 351 ONLNE        | ----- | -    | 06/04/18-07/26/18 | Online   | DiCamillo R | Closed     |
| <i>KBOR Seamless Transfer</i> |       |      |                   |          |             |            |
| <b>60215</b> 352 ONLNE        | ----- | -    | 06/04/18-07/26/18 | Online   | Smith A     | Closed     |
| <i>KBOR Seamless Transfer</i> |       |      |                   |          |             |            |
| <b>60216</b> 353 ONLNE        | ----- | -    | 06/04/18-07/26/18 | Online   | Newlands J  | Closed     |
| <i>KBOR Seamless Transfer</i> |       |      |                   |          |             |            |

## ARTH 182 - Art History: Renaissance to Modern

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

**Credit Hours: 3**

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

| CRN                           | Days  | Time | Date              | Location | Instructor | Seats Open |
|-------------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60217</b> 351 ONLNE        | ----- | -    | 06/04/18-07/26/18 | Online   | Zell V     | Closed     |
| <i>KBOR Seamless Transfer</i> |       |      |                   |          |            |            |
| <b>60219</b> 352 ONLNE        | ----- | -    | 06/04/18-07/26/18 | Online   | Zell V     | Closed     |
| <i>KBOR Seamless Transfer</i> |       |      |                   |          |            |            |

## ARTH 184 - Art History: Twentieth Century

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

**Credit Hours: 3**

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

| CRN                    | Days  | Time | Date              | Location | Instructor | Seats Open |
|------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60223</b> 351 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Smith A    | Closed     |
| <b>60227</b> 352 ONLNE | ----- | -    | 06/04/18-07/26/18 | 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 |
|-----------------|-------|------|-------------------|----------|------------|------------|
| 60230 351 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Dolembo 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 |
|----------------------------|---------|----------------|-------------------|----------|------------|------------|
| 60760 001 F2F              | MTW---- | 08:00-11:05 AM | 06/04/18-07/25/18 | GEB 215  | Kuhns K    | Closed     |
| <i>SB 155 Excel in CTE</i> |         |                |                   |          |            |            |
| 60826 002 F2F              | MTW---- | 06:00-09:05 PM | 06/04/18-07/25/18 | GEB 215  | Symansky R | Closed     |
| <i>SB 155 Excel in CTE</i> |         |                |                   |          |            |            |

## Astronomy

### ASTR 120 - Fundamentals of Astronomy

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

**Credit Hours:** 3

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

| CRN             | Days  | Time | Date              | Location | Instructor | Seats Open |
|-----------------|-------|------|-------------------|----------|------------|------------|
| 60155 350 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Koch W     | Closed     |

*KBOR Seamless Transfer*

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 at an approved testing center.

|                 |       |   |                   |        |        |        |
|-----------------|-------|---|-------------------|--------|--------|--------|
| 60156 351 ONLNE | ----- | - | 06/04/18-07/26/18 | Online | Koch W | Closed |
|-----------------|-------|---|-------------------|--------|--------|--------|

*KBOR Seamless Transfer*

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 at an approved testing center.

### ASTR 122 - Astronomy

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

**Credit Hours: 4**

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

| CRN                  | Days               | Time           | Date              | Location | Instructor | Seats Open    |
|----------------------|--------------------|----------------|-------------------|----------|------------|---------------|
| <b>60157</b> 001 F2F | M-W----            | 09:00-10:50 AM | 06/04/18-07/25/18 | CLB 411  | Koch W     | <b>Closed</b> |
|                      | -T-R---            | 09:00-09:50 AM | 06/05/18-07/26/18 | CLB 411  |            |               |
|                      | <b>Lab</b> -T-R--- | 10:00-11:50 AM | 06/05/18-07/26/18 | CLB 411  |            |               |

*KBOR Seamless Transfer*

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. 2 hrs. lecture, 3 hrs. lab/wk.

**Credit Hours: 3**

**Associated Costs:** \$300 to \$400

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

| CRN                  | Days               | Time           | Date              | Location      | Instructor | Seats Open    |
|----------------------|--------------------|----------------|-------------------|---------------|------------|---------------|
| <b>60549</b> 376 HYB | M-W----            | 11:00-12:40 PM | 06/04/18-07/25/18 | ATB 129       | Hall D     | <b>Closed</b> |
|                      | <b>Lab</b> M-W---- | 01:00-03:40 PM | 06/04/18-07/25/18 | ATB 190       |            |               |
|                      | -----              | -              | 06/04/18-07/25/18 | <b>Online</b> |            |               |

*SB 155 Excel in CTE*

### 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    |
|----------------------|--------------------|----------------|-------------------|----------|------------|---------------|
| <b>60911</b> 376 HYB | M-W----            | 05:30-07:10 PM | 06/04/18-07/23/18 | ATB 129  | Jones M    | <b>Closed</b> |
|                      | <b>Lab</b> M-W---- | 07:15-09:55 PM | 06/04/18-07/23/18 | ATB 190  |            |               |



| CRN | Days  | Time | Date              | Location | Instructor | Seats Open |
|-----|-------|------|-------------------|----------|------------|------------|
|     | ----- | -    | 06/04/18-07/23/18 | Online   |            |            |

SB 155 Excel in CTE

## 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 |
|----------------------|--------------------|----------------|-------------------|----------|------------|------------|
| <b>60551</b> 376 HYB | -T-R---            | 06:00-06:50 PM | 06/05/18-07/26/18 | ATB 129  | Hale H     | Closed     |
|                      | <b>Lab</b> -T-R--- | 07:00-09:40 PM | 06/05/18-07/26/18 | ATB 190  |            |            |
|                      | -----              | -              | 06/05/18-07/26/18 | Online   |            |            |

SB 155 Excel in CTE

## 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 |
|----------------------|-------|------|-------------------|----------|------------|------------|
| <b>60552</b> 500 INT | ----- | -    | 06/04/18-07/26/18 |          | James J    | 2 of 5     |

SB 155 Excel in CTE

Requirement: Department approval

## Health Occupations

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

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

<http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html> (<http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html>) .








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

**Credit Hours:** 5

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

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

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

| CRN   | Days    | Time           | Date              | Location   | Instructor   | Seats Open    |
|---|---------|----------------|-------------------|--|--------------|---------------|
| <b>60757</b> 001 F2F  | ---RF-- | 08:30-03:30 PM | 06/07/18-07/27/18 |  OHEC 231   | Horst K      | <b>Closed</b> |
| <i>Accelerating Opportunity KS</i><br><i>SB 155 Excel in CTE</i><br>NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, April 13th. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html">http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html</a> ) before April 13th. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available April 13th. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ).  |         |                |                   |  |              |               |
| <b>60758</b> 002 F2F  | MT-R--- | 05:00-09:00 PM | 06/04/18-07/26/18 |  OHEC 231   | Brune M      | <b>Closed</b> |
| <i>SB 155 Excel in CTE</i><br><i>Accelerating Opportunity KS</i><br>NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, April 13th. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html">http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html</a> ) before April 13th. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available April 13th. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ).  |         |                |                   |  |              |               |
| <b>60740</b> 004 F2F  | MTWRFS- | 07:30-04:00 PM | 06/18/18-06/30/18 |  OHEC 209   | Radom V      | <b>Closed</b> |
| <i>Accelerating Opportunity KS</i><br><i>SB 155 Excel in CTE</i><br>NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, April 13th. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html">http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html</a> ) before April 13th. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available April 13th. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ).  |         |                |                   |  |              |               |
| <b>60741</b> 005 F2F  | MTWRFS- | 07:30-04:00 PM | 07/09/18-07/21/18 |  OHEC 209 | Radom V      | <b>Closed</b> |
| <i>Accelerating Opportunity KS</i><br><i>SB 155 Excel in CTE</i><br>NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, April 13th. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html">http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html</a> ) before April 13th. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ).   |         |                |                   |  |              |               |
| <b>60759</b> 006 F2F  | MT-R--- | 04:00-08:00 PM | 06/04/18-07/26/18 |  OHEC 241 | Kuria J      | <b>Closed</b> |
| <i>SB 155 Excel in CTE</i><br><i>Accelerating Opportunity KS</i><br>NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, April 13th. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html">http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html</a> ) before April 13th. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available April 13th. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ).  |         |                |                   |  |              |               |
| <b>60762</b> 376 HYB  | --W---- | 08:30-03:30 PM | 06/06/18-07/25/18 |  OHEC 231 | Kobularcic L | <b>Closed</b> |
|   | -----   | -              | 06/06/18-07/25/18 | <b>Online</b>  |              |               |
| <i>Mandatory Classroom Meetings</i><br><i>SB 155 Excel in CTE</i><br><i>Accelerating Opportunity KS</i><br>NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, April 13th. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html">http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html</a> ) before April 13th. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available April 13th. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ). |         |                |                   |  |              |               |
| <b>60798</b> 377 HYB  | ----F-- | 08:00-03:00 PM | 06/08/18-07/27/18 |  OHEC 233 | Brown D      | <b>Closed</b> |
|   | -----   | -              | 06/08/18-07/27/18 | <b>Online</b>  |              |               |

| CRN  | Days    | Time    | Date           | Location          | Instructor    | Seats Open  |               |
|--|---------|---------|----------------|-------------------|---------------|-------------|---------------|
| <i>Accelerating Opportunity KS</i>   |         |         |                |                   |               |             |               |
| <i>SB 155 Excel in CTE</i>   |         |         |                |                   |               |             |               |
| <i>Mandatory Classroom Meetings</i>  |         |         |                |                   |               |             |               |
| NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, April 13th. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html">http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html</a> ) before April 13th. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available April 13th. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ). |         |         |                |                   |               |             |               |
| <b>60765</b>   | 378 HYB | M-----  | 08:00-03:00 PM | 06/04/18-07/23/18 | OHEC 241      | Reischman C | <b>Closed</b> |
|  |         | -----   | -              | 06/04/18-07/23/18 | <b>Online</b> |             |               |
| <i>Mandatory Classroom Meetings</i>  |         |         |                |                   |               |             |               |
| <i>SB 155 Excel in CTE</i>   |         |         |                |                   |               |             |               |
| <i>Accelerating Opportunity KS</i>   |         |         |                |                   |               |             |               |
| NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, April 13th. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html">http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html</a> ) before April 13th. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available April 13th. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ). |         |         |                |                   |               |             |               |
| <b>60767</b>   | 379 HYB | -T----- | 08:00-03:00 PM | 06/05/18-07/24/18 | OHEC 241      | Reischman C | <b>Closed</b> |
|  |         | -----   | -              | 06/05/18-07/24/18 | <b>Online</b> |             |               |
| <i>SB 155 Excel in CTE</i>   |         |         |                |                   |               |             |               |
| <i>Accelerating Opportunity KS</i>   |         |         |                |                   |               |             |               |
| <i>Mandatory Classroom Meetings</i>  |         |         |                |                   |               |             |               |
| NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, April 13th. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html">http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html</a> ) before April 13th. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available April 13th. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ). |         |         |                |                   |               |             |               |
| <b>60770</b>   | 380 HYB | ---R--- | 08:00-03:00 PM | 06/07/18-07/26/18 | OHEC 241      | Reischman C | <b>Closed</b> |
|  |         | -----   | -              | 06/07/18-07/26/18 | <b>Online</b> |             |               |
| <i>Mandatory Classroom Meetings</i>  |         |         |                |                   |               |             |               |
| <i>SB 155 Excel in CTE</i>   |         |         |                |                   |               |             |               |
| <i>Accelerating Opportunity KS</i>   |         |         |                |                   |               |             |               |
| NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, April 13th. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html">http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html</a> ) before April 13th. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available April 13th. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ). |         |         |                |                   |               |             |               |
| <b>60777</b>   | 383 HYB | M-----  | 08:00-03:00 PM | 06/04/18-07/23/18 | OHEC 231      | Talbert K   | <b>Closed</b> |
|  |         | -----   | -              | 06/04/18-07/23/18 | <b>Online</b> |             |               |
| <i>Accelerating Opportunity KS</i>   |         |         |                |                   |               |             |               |
| <i>SB 155 Excel in CTE</i>   |         |         |                |                   |               |             |               |
| <i>Mandatory Classroom Meetings</i>  |         |         |                |                   |               |             |               |
| NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, April 13th. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html">http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html</a> ) before April 13th. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available April 13th. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ). |         |         |                |                   |               |             |               |
| <b>60778</b>   | 384 HYB | -T----- | 08:00-03:00 PM | 06/05/18-07/24/18 | OHEC 231      | Talbert K   | <b>Closed</b> |
|  |         | -----   | -              | 06/05/18-07/24/18 | <b>Online</b> |             |               |
| <i>Accelerating Opportunity KS</i>   |         |         |                |                   |               |             |               |
| <i>Mandatory Classroom Meetings</i>  |         |         |                |                   |               |             |               |
| <i>SB 155 Excel in CTE</i>   |         |         |                |                   |               |             |               |
| NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, April 13th. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html">http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html</a> ) before April 13th. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available April 13th. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ). |         |         |                |                   |               |             |               |

## 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>) .

**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 |
|---------------|---------|----------------|-------------------|--|------------|------------|
| 60793 007 F2F | MTW---- | 09:00-04:30 PM | 06/18/18-06/20/18 |  OHEC 233 | Waechter J | Closed     |

NOTE: Waitlisting available April 13th. ([www.jccc.edu/admissions/enrollment/waitlist-procedures.html](http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html)).

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

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


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 |
|---------------|---------|----------------|-------------------|--|------------|------------|
| 60788 001 F2F | -----S- | 09:00-04:30 PM | 06/16/18-06/23/18 |  OHEC 231 | Wiley K    | Closed     |

## AVHO 115 - IV Therapy for LPNs



This course provides review of basic physiology of the circulatory system and instruction in principles of site selection for veins appropriate for IV therapy. This course meets the Kansas requirements for LPNs seeking certification in IV Therapy. 48 contact hrs. For additional information go to the jccc.edu website: click on classes; click on credit class search; click the semester; course prefix is AVHO Health Occupations. Click on CRN number for information. The credit reflected in this course is for transcript reporting, recording and transfer only. For more information, go to <http://www.jccc.edu/nursing/practicalnurse/iv-therapy.html>. (<http://www.jccc.edu/nursing/practicalnurse/iv-therapy.html>.)

**Credit Hours:** 3

**Associated Costs:** \$55

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

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

| CRN           | Days    | Time           | Date              | Location   | Instructor | Seats Open |
|---------------|---------|----------------|-------------------|--|------------|------------|
| 60892 009 F2F | -TW---- | 05:30-09:00 PM | 06/05/18-06/27/18 |  OHEC 217 | Koehler T  | Closed     |
|               | MT----- | 05:30-08:30 PM | 07/02/18-07/03/18 |  OHEC 217 |            |            |

| CRN | Days    | Time           | Date              | Location | Instructor | Seats Open |
|-----|---------|----------------|-------------------|----------|------------|------------|
|     | MTW---- | 06:45-10:45 AM | 07/16/18-07/18/18 | TBA      |            |            |

SB 155 Excel in CTE

## 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.

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 |
|-------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60158</b> 350 ONLINE | ----- | -    | 06/04/18-07/26/18 | Online   | Markley L  | Closed     |

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

### 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>60160</b> 001 F2F          | M-W----            | 08:00-10:30 AM | 06/04/18-07/25/18 | CLB 314  | Finch D    | Closed     |
|                               | <b>Lab</b> -T----- | 08:00-09:50 AM | 06/05/18-07/24/18 | SCI 203  |            |            |
|                               | <b>Lab</b> ---R--- | 08:00-09:50 AM | 06/07/18-07/26/18 | SCI 207  |            |            |
| <i>KBOR Seamless Transfer</i> |                    |                |                   |          |            |            |
| <b>60161</b> 002 F2F          | M-W----            | 10:00-12:30 PM | 06/04/18-07/25/18 | CLB 316  | Daggett M  | Closed     |
|                               | <b>Lab</b> M-----  | 01:00-02:50 PM | 06/04/18-07/23/18 | SCI 203  |            |            |
|                               | <b>Lab</b> --W---- | 01:00-02:50 PM | 06/06/18-07/25/18 | SCI 207  |            |            |
| <i>KBOR Seamless Transfer</i> |                    |                |                   |          |            |            |
| <b>60164</b> 005 F2F          | -T-R---            | 10:00-12:30 PM | 06/05/18-07/26/18 | CLB 316  | Kniss J    | Closed     |
|                               | <b>Lab</b> -T----- | 01:00-02:50 PM | 06/05/18-07/24/18 | SCI 203  |            |            |
|                               | <b>Lab</b> ---R--- | 01:00-02:50 PM | 06/07/18-07/26/18 | SCI 207  |            |            |
| <i>KBOR Seamless Transfer</i> |                    |                |                   |          |            |            |
| <b>60196</b> 050 F2F          | M-W----            | 06:00-08:30 PM | 06/04/18-07/25/18 | CLB 314  | Olsen R    | Closed     |
|                               | <b>Lab</b> -T----- | 06:00-07:50 PM | 06/05/18-07/24/18 | SCI 203  |            |            |

| CRN                                 | Days        | Time           | Date              | Location      | Instructor | Seats Open    |
|-------------------------------------|-------------|----------------|-------------------|---------------|------------|---------------|
|                                     | Lab ---R--- | 06:00-07:50 PM | 06/07/18-07/26/18 | SCI 207       |            |               |
| <i>KBOR Seamless Transfer</i>       |             |                |                   |               |            |               |
| <b>60197</b> 380 HYB                | Lab M-----  | 03:00-04:50 PM | 06/04/18-07/23/18 | SCI 203       | Daggett M  | <b>Closed</b> |
|                                     | -----       | -              | 06/04/18-07/26/18 | <b>Online</b> |            |               |
|                                     | Lab --W---- | 03:00-04:50 PM | 06/06/18-07/25/18 | SCI 207       |            |               |
| <i>Mandatory Classroom Meetings</i> |             |                |                   |               |            |               |
| <i>KBOR Seamless Transfer</i>       |             |                |                   |               |            |               |
| <b>60198</b> 381 HYB                | Lab M-----  | 06:00-07:50 PM | 06/04/18-07/23/18 | SCI 203       | Finch D    | <b>Closed</b> |
|                                     | -----       | -              | 06/04/18-07/26/18 | <b>Online</b> |            |               |
|                                     | Lab --W---- | 06:00-07:50 PM | 06/06/18-07/25/18 | SCI 207       |            |               |
| <i>Mandatory Classroom Meetings</i> |             |                |                   |               |            |               |
| <i>KBOR Seamless Transfer</i>       |             |                |                   |               |            |               |

## BIOL 130 - Environmental Science

Environmental Science seeks to describe problems and solutions associated with human use of natural resources. Students will study the major physical and biological processes that govern the complex interactions in natural ecosystems. Major course topics include human population growth, resource use and pollution. Practical solutions aimed at sustainability will be identified and examined. This is an introductory, nonscience-major survey course. 3 hrs./wk.

**Credit Hours: 3**

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

| CRN   | Days    | Time           | Date              | Location      | Instructor | Seats Open    |
|---|---------|----------------|-------------------|---------------|------------|---------------|
| <b>60200</b> 001 F2F  | M-W---- | 09:00-11:50 AM | 06/04/18-07/25/18 | GP 101        | Menzel J   | <b>Closed</b> |
| <b>60199</b> 002 F2F  | M-W---- | 03:00-05:50 PM | 06/04/18-07/25/18 | GP 101        | Oden J     | <b>Closed</b> |
| <b>60201</b> 350 ONLNE  | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Witters L  | <b>Closed</b> |
| <i>Note: All assignments and exams are accessed online and have specific due dates. Please refer to the syllabus and schedule for exact dates.</i>  |         |                |                   |               |            |               |
| <b>60203</b> 351 ONLNE  | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Oden J     | <b>Closed</b> |
| <i>Note: All assignments and exams are accessed online and have specific due dates. Please refer to the syllabus and schedule for exact dates.</i>  |         |                |                   |               |            |               |
| <b>60204</b> 352 ONLNE  | -----   | -              | 06/04/18-07/01/18 | <b>Online</b> | Williams D | <b>Closed</b> |
| <i>Note: Accelerated 4 week course. Students should contact the instructor one week prior to class beginning. All assignments and exams are accessed online and have specific due dates. Please refer to the syllabus and schedule for exact dates.</i> |         |                |                   |               |            |               |
| <b>60206</b> 353 ONLNE  | -----   | -              | 07/02/18-07/26/18 | <b>Online</b> | Criner K   | <b>Closed</b> |
| <i>Note: Accelerated 4 week course. Students should contact the instructor one week prior to class beginning. All assignments and exams are accessed online and have specific due dates. Please refer to the syllabus and schedule for exact dates.</i> |         |                |                   |               |            |               |

## 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>60208</b> 001 F2F   | Lab M-W---- | 01:00-02:50 PM | 06/04/18-07/25/18 | CLB 303  | Oden J     | Closed     |
| <b>60210</b> 350 ONLNE | Lab -----   | -              | 06/04/18-07/26/18 | Online   | Oden J     | Closed     |

Note: All lab assignments and exams are submitted online. Students do not need to purchase the lab manual. A digital camera and the ability to upload photos to the online learning management system is a requirement. There are weekly labs with some labs requiring students visit local areas to assess flora and fauna.

|                        |           |   |                   |        |         |        |
|------------------------|-----------|---|-------------------|--------|---------|--------|
| <b>60212</b> 351 ONLNE | Lab ----- | - | 06/04/18-07/26/18 | Online | Follo J | Closed |
|------------------------|-----------|---|-------------------|--------|---------|--------|

Note: All lab assignments and exams are submitted online. Students do not need to purchase the lab manual. A digital camera and the ability to upload photos to the online learning management system is a requirement. There are weekly labs with some labs requiring students visit local areas to assess flora and fauna.

## BIOL 135 - Principles of Cell and Molecular Biology ▶

This course is for biology majors and students planning to take additional courses in the life sciences. Subjects covered include the nature of science; the levels of organization and emergent properties of life; basic biochemistry and bioenergetics; cell structure and function; cellular reproduction; Mendelian and molecular genetics and their relationships to the principles of evolution; basic laboratory skills; and experimentation. The lab activities allow for application of the topics presented in the lecture. 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))

| CRN                           | Days        | Time           | Date              | Location | Instructor | Seats Open |
|-------------------------------|-------------|----------------|-------------------|----------|------------|------------|
| <b>60239</b> 001 F2F          | M-W----     | 08:00-10:30 AM | 06/04/18-07/25/18 | RC 370   | Wu X       | Closed     |
|                               | Lab -T-R--- | 08:00-09:50 AM | 06/05/18-07/26/18 | RC 345   |            |            |
| <i>KBOR Seamless Transfer</i> |             |                |                   |          |            |            |
| <b>60240</b> 002 F2F          | M-W----     | 12:00-02:30 PM | 06/04/18-07/25/18 | RC 370   | Arico J    | Closed     |
|                               | Lab -T-R--- | 12:00-01:50 PM | 06/05/18-07/26/18 | RC 345   |            |            |
| <i>KBOR Seamless Transfer</i> |             |                |                   |          |            |            |
| <b>60241</b> 050 F2F          | M-W----     | 06:00-08:30 PM | 06/04/18-07/25/18 | RC 370   | Arico J    | Closed     |
|                               | Lab -T-R--- | 06:00-07:50 PM | 06/05/18-07/26/18 | RC 345   |            |            |
| <i>KBOR Seamless Transfer</i> |             |                |                   |          |            |            |
| <b>60243</b> 381 HYB          | -----       | -              | 06/04/18-07/26/18 | Online   | Olsen R    | Closed     |
|                               | Lab -----   | -              | 06/04/18-07/29/18 | Online   |            |            |
|                               | Lab ----S-  | 08:00-04:00 PM | 06/09/18-06/09/18 | RC 345   |            |            |
|                               | Lab ----S-  | 08:00-04:00 PM | 06/23/18-06/23/18 | RC 345   |            |            |
|                               | Lab ----S-  | 08:00-04:00 PM | 07/07/18-07/07/18 | RC 345   |            |            |
|                               | Lab ----S-  | 08:00-04:00 PM | 07/21/18-07/21/18 | RC 345   |            |            |

*KBOR Seamless Transfer*

*Mandatory Classroom Meetings*

Note: Lab sessions are mandatory. The lecture for this section will be conducted online as will some of the labs. 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))

| CRN                           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|-------------------------------|---------|----------------|-------------------|----------|------------|------------|
| <b>60244</b> 001 F2F          | MTWR--- | 08:00-10:50 AM | 06/04/18-07/26/18 | CLB 309  | Cobb A     | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| <b>60245</b> 002 F2F          | MTWR--- | 09:00-11:50 AM | 06/04/18-07/26/18 | CLB 313  | Makarov A  | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| <b>60246</b> 003 F2F          | MTWR--- | 11:00-01:50 PM | 06/04/18-07/26/18 | CLB 309  | Sherry R   | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| <b>60247</b> 004 F2F          | MTWR--- | 12:00-02:50 PM | 06/04/18-07/26/18 | CLB 313  | Makarov A  | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| <b>60248</b> 005 F2F          | MTWR--- | 02:00-04:50 PM | 06/04/18-07/26/18 | CLB 309  | Braasch C  | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| <b>60249</b> 050 F2F          | MTWR--- | 06:00-08:50 PM | 06/04/18-07/26/18 | CLB 309  | Simon M    | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| <b>60250</b> 350 ONLNE        | -----   | -              | 06/04/18-07/26/18 | Online   | Lasley L   | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| <b>60251</b> 351 ONLNE        | -----   | -              | 06/04/18-07/26/18 | Online   | Lasley L   | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| <b>60912</b> 352 ONLNE        | -----   | -              | 06/04/18-07/26/18 | Online   | Brown S    | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |

## 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 |
|-------------------------------|---------|----------------|-------------------|----------|---------------|------------|
| <b>60252</b> 001 F2F          | MTWR--- | 08:00-11:15 AM | 06/04/18-07/26/18 | SCI 111  | Watkins L     | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |               |            |
| <b>60254</b> 003 F2F          | MTWR--- | 01:00-04:15 PM | 06/04/18-07/26/18 | SCI 103  | Sullivan C    | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |               |            |
| <b>60255</b> 050 F2F          | MTWR--- | 06:00-09:15 PM | 06/04/18-07/26/18 | SCI 103  | Khvostenko D  | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |               |            |
| <b>60256</b> 380 HYB          | -----   | -              | 06/04/18-07/26/18 | Online   | Baumgardner B | Closed     |
|                               | -T----- | 05:00-08:50 PM | 06/05/18-06/05/18 | SCI 111  |               |            |



| CRN | Days    | Time           | Date              | Location | Instructor | Seats Open |
|-----|---------|----------------|-------------------|----------|------------|------------|
|     | -T----- | 05:00-08:50 PM | 06/12/18-06/12/18 | SCI 111  |            |            |
|     | -T----- | 05:00-08:50 PM | 06/19/18-06/19/18 | SCI 111  |            |            |
|     | -T----- | 05:00-08:50 PM | 06/26/18-06/26/18 | SCI 111  |            |            |
|     | -T----- | 05:00-08:50 PM | 07/10/18-07/10/18 | SCI 111  |            |            |
|     | -T----- | 05:00-08:50 PM | 07/17/18-07/17/18 | SCI 111  |            |            |
|     | -T----- | 05:00-08:50 PM | 07/24/18-07/24/18 | SCI 111  |            |            |

*Mandatory Classroom Meetings*

*KBOR Seamless Transfer*

|                      |         |                |                   |         |               |        |
|----------------------|---------|----------------|-------------------|---------|---------------|--------|
| <b>60257</b> 381 HYB | -----   | -              | 06/04/18-07/26/18 | Online  | Baumgardner B | Closed |
|                      | --W---- | 05:00-08:50 PM | 06/06/18-06/06/18 | SCI 111 |               |        |
|                      | --W---- | 05:00-08:50 PM | 06/13/18-06/13/18 | SCI 111 |               |        |
|                      | --W---- | 05:00-08:50 PM | 06/20/18-06/20/18 | SCI 111 |               |        |
|                      | --W---- | 05:00-08:50 PM | 06/27/18-06/27/18 | SCI 111 |               |        |
|                      | --W---- | 05:00-08:50 PM | 07/11/18-07/11/18 | SCI 111 |               |        |
|                      | --W---- | 05:00-08:50 PM | 07/18/18-07/18/18 | SCI 111 |               |        |
|                      | --W---- | 05:00-08:50 PM | 07/25/18-07/25/18 | SCI 111 |               |        |

*Mandatory Classroom Meetings*

*KBOR Seamless Transfer*

## BIOL 155 - Bioethics

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

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

**Credit Hours: 3**

**Prerequisite:** BIOL 121 or high school biology with department approval

Outline ([http://catalog.jccc.edu/coursedescriptions/biol/#BIOL\\_155](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_155))

| CRN                    | Days  | Time | Date              | Location | Instructor | Seats Open |
|------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60797</b> 350 ONLNE | ----- | -    | 06/04/18-07/01/18 | Online   | Williams D | Closed     |

Note: Accelerated 4-week course.

## 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 |
|--|---------|----------------|-------------------|----------|----------------|------------|
| 60258 350 ONLINE   | -----   | -              | 06/04/18-07/26/18 | Online   | Wright G       | Closed     |
| <i>KBOR Seamless Transfer</i><br>Note: Exams are taken at the JCCC Testing Center or an approved testing site. |         |                |                   |          |                |            |
| 60259 351 ONLINE   | -----   | -              | 06/04/18-07/26/18 | Online   | Wright G       | Closed     |
| <i>KBOR Seamless Transfer</i><br>Note: Exams are taken at the JCCC Testing Center or an approved testing site. |         |                |                   |          |                |            |
| 60260 352 ONLINE   | -----   | -              | 06/04/18-07/26/18 | Online   | Sullivan C     | Closed     |
| <i>KBOR Seamless Transfer</i><br>Note: Exams are taken at the JCCC Testing Center or an approved testing site. |         |                |                   |          |                |            |
| 60261 353 ONLINE   | -----   | -              | 06/04/18-07/26/18 | Online   | Osterhaus G    | Closed     |
| <i>KBOR Seamless Transfer</i><br>Note: Exams are taken at the JCCC Testing Center or an approved testing site. |         |                |                   |          |                |            |
| 60262 380 HYB  | -----   | -              | 06/04/18-07/26/18 | Online   | Menon Parker J | Closed     |
|  | -T-R--- | 01:00-03:50 PM | 06/05/18-07/26/18 | SCI 111  |                |            |
| <i>KBOR Seamless Transfer</i><br><i>Mandatory Classroom Meetings</i>   |         |                |                   |          |                |            |

## BIOL 227 - Human Pathophysiology

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

**Credit Hours:** 4

**Prerequisite:** BIOL 144 or BIOL 225

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

| CRN   | Days    | Time           | Date              | Location | Instructor  | Seats Open |
|---|---------|----------------|-------------------|----------|-------------|------------|
| 60270 001 F2F   | MTWR--- | 10:00-11:50 AM | 06/04/18-07/26/18 | SCI 124  | Osterhaus G | Closed     |
| 60271 350 ONLINE  | -----   | -              | 06/04/18-07/26/18 | Online   | Clark M     | Closed     |
| Note: This online course will require testing in the JCCC testing center or an approved testing site. |         |                |                   |          |             |            |
| 60272 351 ONLINE  | -----   | -              | 06/04/18-07/26/18 | Online   | Clark M     | Closed     |
| Note: This online course will require testing in the JCCC testing center or an approved testing site. |         |                |                   |          |             |            |

## 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 |
|-----------------|---------|----------------|-------------------|----------|---------------|------------|
| 60273 001 F2F   | MTWR--- | 08:00-09:15 AM | 06/04/18-07/26/18 | SCI 116  | Beaty M       | Closed     |
| 60274 002 F2F   | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | SCI 116  | El Mellouki T | Closed     |
| 60275 003 F2F   | MTWR--- | 12:30-01:45 PM | 06/04/18-07/26/18 | SCI 116  | El Mellouki T | Closed     |
| 60276 350 ONLNE | -----   | -              | 06/04/18-07/26/18 | Online   | Seitz H       | Closed     |

Note: This online course will require testing in the JCCC testing center or an approved testing site.

|                 |       |   |                   |        |         |        |
|-----------------|-------|---|-------------------|--------|---------|--------|
| 60277 351 ONLNE | ----- | - | 06/04/18-07/26/18 | Online | Seitz H | Closed |
|-----------------|-------|---|-------------------|--------|---------|--------|

Note: This online course will require testing in the JCCC testing center or an approved testing site.

|                 |       |   |                   |        |           |        |
|-----------------|-------|---|-------------------|--------|-----------|--------|
| 60278 352 ONLNE | ----- | - | 06/04/18-07/26/18 | Online | Mulcahy E | Closed |
|-----------------|-------|---|-------------------|--------|-----------|--------|

Note: This online course will require testing in the JCCC testing center or an approved testing site.

## 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 |
|---------------|-------------|----------------|-------------------|----------|---------------|------------|
| 60279 001 F2F | Lab MTWR--- | 09:30-11:20 AM | 06/04/18-07/26/18 | SCI 113  | Beaty M       | Closed     |
| 60280 002 F2F | Lab MTWR--- | 11:30-01:20 PM | 06/04/18-07/26/18 | SCI 113  | Beaty M       | Closed     |
| 60281 003 F2F | Lab MTWR--- | 02:00-03:50 PM | 06/04/18-07/26/18 | SCI 113  | El Mellouki T | Closed     |
| 60282 050 F2F | Lab MTWR--- | 07:30-09:20 PM | 06/04/18-07/26/18 | SCI 113  | Ducote M      | 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 |
|-------------------------------|-------|------|-------------------|----------|------------|------------|
| 60283 350 ONLNE               | ----- | -    | 06/04/18-07/26/18 | Online   | Berry S    | Closed     |
| <i>KBOR Seamless Transfer</i> |       |      |                   |          |            |            |
| 60284 351 ONLNE               | ----- | -    | 06/04/18-07/26/18 | Online   | Berry S    | Closed     |
| <i>KBOR Seamless Transfer</i> |       |      |                   |          |            |            |
| 60285 352 ONLNE               | ----- | -    | 06/04/18-07/26/18 | Online   | Berry S    | Closed     |
| <i>KBOR Seamless Transfer</i> |       |      |                   |          |            |            |

## BIOL 240 - General Pharmacology

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

**Credit Hours:** 3

**Prerequisite:** BIOL 225

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

| CRN             | Days  | Time | Date              | Location | Instructor | Seats Open |
|-----------------|-------|------|-------------------|----------|------------|------------|
| 60286 350 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Clark M    | Closed     |

Note: This online course will require testing in the JCCC testing center or an approved testing site.

## Biotechnology

### BIOT 265 - Biotechnology Internship

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

**Credit Hours:** 4

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

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

| CRN           | Days  | Time | Date              | Location | Instructor | Seats Open |
|---------------|-------|------|-------------------|----------|------------|------------|
| 60979 501 INT | ----- | -    | 07/06/18-09/09/18 |          | Harmon M   | Closed     |

*SB 155 Excel in CTE*

## Business Office Technology

### BOT 101 - Keyboarding

This course is for students who do not know how to correctly keyboard by touch. This course is also for students who need to improve their keyboarding speed to at least 25 words per minute. 1 hr./wk.

**Credit Hours:** 1

**Associated Costs:** \$5 to \$10

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

| CRN           | Days    | Time           | Date              | Location | Instructor  | Seats Open |
|---------------|---------|----------------|-------------------|----------|-------------|------------|
| 60457 002 F2F | -T-R--- | 06:00-07:45 PM | 07/03/18-07/26/18 | GEB 351B | Byfield T   | Closed     |
| 60456 960 F2F | -T-R--- | 09:00-10:45 AM | 06/05/18-06/28/18 | GEB 379  | Johnstone B | Closed     |

## Business

### BUS 121 - Introduction to Business

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

**Credit Hours: 3**

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

| CRN   | Days    | Time           | Date              | Location | Instructor  | Seats Open |
|---|---------|----------------|-------------------|----------|-------------|------------|
| 60114 002 F2F   | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | GEB 258  | Syracuse F  | Closed     |
| <i>SB 155 Excel in CTE</i><br><i>KBOR Seamless Transfer</i> |         |                |                   |          |             |            |
| 60116 350 ONLNE   | -----   | -              | 06/04/18-07/26/18 | Online   | Gallagher K | Closed     |
| <i>KBOR Seamless Transfer</i><br><i>SB 155 Excel in CTE</i> |         |                |                   |          |             |            |
| 60115 351 ONLNE   | -----   | -              | 06/04/18-07/01/18 | Online   | Noel M      | Closed     |
| <i>SB 155 Excel in CTE</i><br><i>KBOR Seamless Transfer</i> |         |                |                   |          |             |            |
| 60290 352 ONLNE   | -----   | -              | 07/02/18-07/26/18 | Online   | Gallagher K | Closed     |
| <i>KBOR Seamless Transfer</i><br><i>SB 155 Excel in CTE</i> |         |                |                   |          |             |            |
| 60955 353 ONLNE   | -----   | -              | 06/04/18-07/26/18 | Online   | Gallagher K | Closed     |
| <i>KBOR Seamless Transfer</i><br><i>SB 155 Excel in CTE</i> |         |                |                   |          |             |            |

### BUS 123 - Personal Finance

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

**Credit Hours: 3**

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

| CRN                           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|-------------------------------|---------|----------------|-------------------|----------|------------|------------|
| 60119 001 F2F                 | MTWR--- | 09:30-12:00 PM | 06/04/18-06/28/18 | OCB 142  | Ferguson G | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| 60120 002 F2F                 | MTWR--- | 09:30-12:00 PM | 07/02/18-07/26/18 | OCB 142  | Ferguson G | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |

| CRN                           | Days  | Time | Date              | Location | Instructor | Seats Open |
|-------------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60121</b> 350 ONLNE        | ----- | -    | 06/04/18-07/01/18 | Online   | Noel M     | Closed     |
| <i>KBOR Seamless Transfer</i> |       |      |                   |          |            |            |
| <b>60123</b> 351 ONLNE        | ----- | -    | 07/02/18-07/26/18 | Online   | Hussein S  | Closed     |
| <i>KBOR Seamless Transfer</i> |       |      |                   |          |            |            |
| <b>60923</b> 352 ONLNE        | ----- | -    | 06/04/18-07/26/18 | Online   | Noel M     | Closed     |
| <i>KBOR Seamless Transfer</i> |       |      |                   |          |            |            |

## 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 |
|------------------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60124</b> 350 ONLNE             | ----- | -    | 06/04/18-07/01/18 | Online   | Webb F     | Closed     |
| <i>Accelerating Opportunity KS</i> |       |      |                   |          |            |            |

## BUS 141 - Principles of Management

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

**Credit Hours: 3**

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

| CRN                        | Days  | Time | Date              | Location | Instructor | Seats Open |
|----------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60126</b> 350 ONLNE     | ----- | -    | 06/04/18-07/01/18 | Online   | Webb F     | Closed     |
| <i>SB 155 Excel in CTE</i> |       |      |                   |          |            |            |
| <b>60127</b> 351 ONLNE     | ----- | -    | 07/02/18-07/26/18 | Online   | Webb F     | Closed     |
| <i>SB 155 Excel in CTE</i> |       |      |                   |          |            |            |
| <b>60956</b> 352 ONLNE     | ----- | -    | 06/04/18-07/26/18 | Online   | Nikravan S | Closed     |
| <i>SB 155 Excel in CTE</i> |       |      |                   |          |            |            |

## BUS 150 - Business Communications

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

**Credit Hours: 3**

**Prerequisite:** ENGL 121

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

| CRN             | Days    | Time           | Date              | Location | Instructor | Seats Open |
|-----------------|---------|----------------|-------------------|----------|------------|------------|
| 60128 001 F2F   | MTWR--- | 11:00-12:15 PM | 06/04/18-07/26/18 | GEB 242  | Anderson K | Closed     |
| 60129 350 ONLNE | -----   | -              | 06/04/18-07/26/18 | Online   | Gaines K   | Closed     |
| 60130 351 ONLNE | -----   | -              | 06/04/18-07/26/18 | Online   | Haverty M  | Closed     |
| 60968 353 ONLNE | -----   | -              | 07/02/18-07/26/18 | 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)

| CRN             | Days  | Time | Date              | Location | Instructor | Seats Open |
|-----------------|-------|------|-------------------|----------|------------|------------|
| 60131 350 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Begley J   | Closed     |

*SB 155 Excel in CTE*

## 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)

| CRN             | Days    | Time           | Date              | Location | Instructor | Seats Open |
|-----------------|---------|----------------|-------------------|----------|------------|------------|
| 60132 001 F2F   | MTWR--- | 11:00-12:15 PM | 06/04/18-07/26/18 | GEB 258  | Syracuse F | Closed     |
| 60133 350 ONLNE | -----   | -              | 06/04/18-07/26/18 | Online   | Smith J    | Closed     |
| 60924 351 ONLNE | -----   | -              | 06/04/18-07/26/18 | Online   | Smith J    | Closed     |

## BUS 235 - Introduction to International Business

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

**Credit Hours: 3**

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

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

| CRN                        | Days  | Time | Date              | Location | Instructor | Seats Open |
|----------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60954</b> 960 ONLINE    | ----- | -    | 06/04/18-07/26/18 | Online   | Hussein S  | Closed     |
| <i>SB 155 Excel in CTE</i> |       |      |                   |          |            |            |

## 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 |
|----------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60134</b> 350 ONLINE    | ----- | -    | 06/04/18-07/26/18 | Online   | Hussein S  | Closed     |
| <i>SB 155 Excel in CTE</i> |       |      |                   |          |            |            |
| <b>60925</b> 351 ONLINE    | ----- | -    | 07/02/18-07/26/18 | Online   | Hussein S  | Closed     |
| <i>SB 155 Excel in CTE</i> |       |      |                   |          |            |            |

## BUS 261 - Business Law I

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

**Credit Hours: 3**

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

Outline ([http://catalog.jccc.edu/coursedescriptions/bus/#BUS\\_261](http://catalog.jccc.edu/coursedescriptions/bus/#BUS_261))

| CRN                        | Days   | Time           | Date              | Location | Instructor | Seats Open |
|----------------------------|--------|----------------|-------------------|----------|------------|------------|
| <b>60136</b> 001 F2F       | -T-R-- | 06:00-08:50 PM | 06/05/18-07/26/18 | ITC 183  | Bedell T   | Closed     |
| <i>SB 155 Excel in CTE</i> |        |                |                   |          |            |            |
| <b>60137</b> 350 ONLINE    | -----  | -              | 06/04/18-07/26/18 | Online   | Feagan C   | Closed     |
| <i>SB 155 Excel in CTE</i> |        |                |                   |          |            |            |
| <b>60138</b> 351 ONLINE    | -----  | -              | 06/04/18-07/26/18 | Online   | Feagan C   | Closed     |
| <i>SB 155 Excel in CTE</i> |        |                |                   |          |            |            |
| <b>60139</b> 352 ONLINE    | -----  | -              | 06/04/18-07/26/18 | Online   | Waldman E  | Closed     |
| <i>SB 155 Excel in CTE</i> |        |                |                   |          |            |            |
| <b>60140</b> 353 ONLINE    | -----  | -              | 06/04/18-07/26/18 | Online   | Waldman E  | Closed     |
| <i>SB 155 Excel in CTE</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>60141</b> 350 ONLINE    | ----- | -    | 06/04/18-07/26/18 | Online   | Pener M    | Closed     |
| <i>SB 155 Excel in CTE</i> |       |      |                   |          |            |            |
| <b>60914</b> 351 ONLINE    | ----- | -    | 06/04/18-07/26/18 | Online   | Pener M    | Closed     |
| <i>SB 155 Excel in CTE</i> |       |      |                   |          |            |            |

## BUS 270 - Business Administration Internship

Upon successful completion of this course, the student will be able to apply classroom knowledge to an actual work situation. This course offers work experience under instructional supervision in an approved training situation designed to provide practical experience in business administration. A minimum of 8 or more hours a week of on-the-job training is required.

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/bus/#BUS\\_270](http://catalog.jccc.edu/coursedescriptions/bus/#BUS_270))

| CRN                        | Days  | Time | Date              | Location | Instructor | Seats Open |
|----------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60142</b> 500 INT       | ----- | -    | 06/04/18-07/26/18 |          | Hussein S  | 8 of 8     |
| <i>SB 155 Excel in CTE</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>60720</b> 001 F2F       | M-----  | 12:00-02:45 PM | 06/11/18-07/16/18 | RC 374   | Hincks B   | Closed     |
| <i>SB 155 Excel in CTE</i> |         |                |                   |          |            |            |
| <b>60721</b> 002 F2F       | --W---- | 08:00-10:45 AM | 06/13/18-07/18/18 | RC 374   | Hincks B   | Closed     |
| <i>SB 155 Excel in CTE</i> |         |                |                   |          |            |            |
| <b>60722</b> 003 F2F       | --W---- | 12:00-02:45 PM | 06/13/18-07/18/18 | RC 374   | Hincks B   | Closed     |
| <i>SB 155 Excel in CTE</i> |         |                |                   |          |            |            |
| <b>60723</b> 351 ONLINE    | -----   | -              | 06/11/18-07/22/18 | Online   | Harn R     | Closed     |
| <i>SB 155 Excel in CTE</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 |
|------------------|---------|----------------|-------------------|----------|------------|------------|
| 60724 001 F2F    | -T----- | 08:00-10:45 AM | 06/12/18-07/17/18 | RC 374   | Hincks B   | Closed     |
| 60725 351 ONLINE | -----   | -              | 06/12/18-07/22/18 | Online   | Nord E     | 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 |
|----------------------------|---------|----------------|-------------------|----------|------------|------------|
| 60726 001 F2F              | M-----  | 08:00-10:45 AM | 06/11/18-07/16/18 | RC 374   | Hincks B   | Closed     |
| <i>SB 155 Excel in CTE</i> |         |                |                   |          |            |            |
| 60727 002 F2F              | -T----- | 12:00-02:45 PM | 06/12/18-07/17/18 | RC 374   | Hincks B   | Closed     |
| <i>SB 155 Excel in CTE</i> |         |                |                   |          |            |            |

## Civil Engineering Technology

### CET 271 - Construction Management Internship I

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

**Credit Hours:** 3

**Prerequisite:** Department approval

Outline ([http://catalog.jccc.edu/coursedescriptions/cet/#CET\\_271](http://catalog.jccc.edu/coursedescriptions/cet/#CET_271))

| CRN                              | Days  | Time | Date              | Location | Instructor | Seats Open |
|----------------------------------|-------|------|-------------------|----------|------------|------------|
| 60455 500 INT                    | ----- | -    | 06/04/18-07/26/18 |          | Dye R      | 3 of 5     |
| <i>SB 155 Excel in CTE</i>       |       |      |                   |          |            |            |
| Requirement: Department approval |       |      |                   |          |            |            |

## Chemistry

## CHEM 100 - Preparation for Chemistry

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

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/chem/#CHEM\\_100](http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_100))

| CRN           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60291 380 HYB | M-W---- | 10:00-11:50 AM | 06/11/18-07/25/18 | CLB 405  | Glass A    | Closed     |
|               | -----   | -              | 06/11/18-07/26/18 | Online   |            |            |

*Mandatory Classroom Meetings*

Note: Late Start Course.

## CHEM 120 - Chemistry in Society ▶

This course is designed for non-science majors who seek an understanding of the concepts of chemistry. Historical foundations of chemistry, applications to society and daily life, controversies of contemporary concern and current research topics are explored. Inquiry-based laboratory experiments will illustrate chemical principles. 3 hrs. lecture, 2 hrs. lab/wk.

**Credit Hours:** 4

**Associated Costs:** \$60

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

Outline ([http://catalog.jccc.edu/coursedescriptions/chem/#CHEM\\_120](http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_120))

| CRN             | Days      | Time | Date              | Location | Instructor | Seats Open |
|-----------------|-----------|------|-------------------|----------|------------|------------|
| 60292 350 ONLNE | -----     | -    | 06/04/18-07/26/18 | Online   | Clark M    | Closed     |
|                 | Lab ----- | -    | 06/04/18-07/26/18 | Online   |            |            |

*KBOR Seamless Transfer*

|                 |           |   |                   |        |          |        |
|-----------------|-----------|---|-------------------|--------|----------|--------|
| 60922 351 ONLNE | -----     | - | 06/04/18-07/26/18 | Online | Harvey M | Closed |
|                 | Lab ----- | - | 06/04/18-07/26/18 | Online |          |        |

*KBOR Seamless Transfer*

## 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))

| CRN           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60293 001 F2F | M-W---- | 11:00-11:50 AM | 06/04/18-07/25/18 | SCI 216  | Agah A     | Closed     |

| CRN                                 | Days        | Time           | Date              | Location      | Instructor  | Seats Open    |
|-------------------------------------|-------------|----------------|-------------------|---------------|-------------|---------------|
|                                     | Lab M-W---- | 12:00-02:50 PM | 06/04/18-07/25/18 | SCI 215       |             |               |
|                                     | -T-R---     | 11:00-01:50 PM | 06/05/18-07/26/18 | SCI 216       |             |               |
| <b>60294</b> 050 F2F                | M-W----     | 06:00-08:50 PM | 06/04/18-07/25/18 | SCI 216       | Scholtz S   | <b>Closed</b> |
|                                     | -T-R---     | 06:00-06:50 PM | 06/05/18-07/26/18 | SCI 216       |             |               |
|                                     | Lab -T-R--- | 07:00-09:50 PM | 06/05/18-07/26/18 | SCI 215       |             |               |
| <b>60295</b> 380 HYB                | Lab M-W---- | 09:00-11:50 AM | 06/04/18-07/25/18 | SCI 215       | Elisabeth E | <b>Closed</b> |
|                                     | -----       | -              | 06/04/18-07/26/18 | <b>Online</b> |             |               |
| <i>Mandatory Classroom Meetings</i> |             |                |                   |               |             |               |
| <b>60694</b> 381 HYB                | -----       | -              | 06/04/18-07/26/18 | <b>Online</b> | Clark M     | <b>Closed</b> |
|                                     | Lab -T-R--- | 08:00-10:50 AM | 06/05/18-07/26/18 | SCI 215       |             |               |
| <i>Mandatory Classroom Meetings</i> |             |                |                   |               |             |               |
| <b>60296</b> 382 HYB                | Lab M-W---- | 06:00-08:50 PM | 06/04/18-07/25/18 | SCI 215       | Harvey M    | <b>Closed</b> |
|                                     | -----       | -              | 06/04/18-07/26/18 | <b>Online</b> |             |               |
| <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 MATH 173 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    |
|--|---------|----------------|-------------------|---------------|------------|---------------|
| <b>60297</b> 001 F2F                                     | MTWR--- | 07:00-09:20 AM | 06/04/18-07/26/18 | SCI 114       | Glass A    | <b>Closed</b> |
| <i>Co-requisite to enroll in CHEM 125 (CRN 60302)</i>    |         |                |                   |               |            |               |
| <i>KBOR Seamless Transfer CHEM 125 (CRN 60302)</i>       |         |                |                   |               |            |               |
| <b>60298</b> 002 F2F                                     | MTWR--- | 09:30-11:50 AM | 06/04/18-07/26/18 | SCI 114       | Shah N     | <b>Closed</b> |
| <i>Co-requisite to enroll in CHEM 125 (CRN 60303)</i>    |         |                |                   |               |            |               |
| <i>KBOR Seamless Transfer CHEM 125 (CRN 60303)</i>       |         |                |                   |               |            |               |
| <b>60299</b> 003 F2F                                     | MTWR--- | 12:00-02:20 PM | 06/04/18-07/26/18 | SCI 114       | Williams J | <b>Closed</b> |
| <i>Co-requisite to enroll in CHEM 125 (CRN 60304)</i>    |         |                |                   |               |            |               |
| <i>KBOR Seamless Transfer CHEM 125 (CRN 60304)</i>       |         |                |                   |               |            |               |
| <b>60300</b> 050 F2F                                     | M-W---- | 06:00-09:50 PM | 06/04/18-07/25/18 | SCI 114       | Price K    | <b>Closed</b> |
|  | -T-R--- | 06:00-06:50 PM | 06/05/18-07/26/18 | SCI 114       |            |               |
| <i>Co-requisite to enroll in CHEM 125 (CRN 60305)</i>    |         |                |                   |               |            |               |
| <i>KBOR Seamless Transfer CHEM 125 (CRN 60305)</i>       |         |                |                   |               |            |               |
| <b>60301</b> 380 HYB                                     | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Jacobsen F | <b>Closed</b> |
| <i>Co-requisite to enroll in CHEM 125 (CRN 60306)</i>    |         |                |                   |               |            |               |
| <i>KBOR Seamless Transfer CHEM 125 (CRN 60306)</i>       |         |                |                   |               |            |               |
| <i>Mandatory Classroom Meetings CHEM 125 (CRN 60306)</i> |         |                |                   |               |            |               |

Note: The corresponding lab will meet on campus. The lecture tests and the final are taken in the JCCC Testing Center.

## 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.

**Credit Hours:** 1

**Prerequisites:** RDG 126 or College Reading Readiness (<http://www.jccc.edu/admissions/enrollment/reading-readiness.html>) Corequisite: CHEM 124 Prerequisite or Corequisite: MATH 171 or MATH 173 or placement test

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

| CRN   | Days        | Time           | Date              | Location | Instructor | Seats Open |
|---|-------------|----------------|-------------------|----------|------------|------------|
| <b>60302</b> 001 F2F  | Lab -T-R--- | 09:30-12:20 PM | 06/05/18-07/26/18 | SCI 211  | Glass A    | Closed     |
| <i>KBOR Seamless Transfer</i><br>Co-requisite to enroll in CHEM 124 (CRN 60297)                             |             |                |                   |          |            |            |
| <b>60303</b> 002 F2F  | Lab M-W---- | 12:30-03:20 PM | 06/04/18-07/25/18 | SCI 211  | Watson C   | Closed     |
| <i>KBOR Seamless Transfer</i><br>Co-requisite to enroll in CHEM 124 (CRN 60298)                             |             |                |                   |          |            |            |
| <b>60304</b> 003 F2F  | Lab M-W---- | 09:00-11:50 AM | 06/04/18-07/25/18 | SCI 211  | Williams J | Closed     |
| <i>Co-requisite to enroll in CHEM 124 (CRN 60299)</i><br><i>KBOR Seamless Transfer CHEM 124 (CRN 60299)</i> |             |                |                   |          |            |            |
| <b>60305</b> 050 F2F  | Lab -T-R--- | 07:00-09:50 PM | 06/05/18-07/26/18 | SCI 211  | Price K    | Closed     |
| <i>Co-requisite to enroll in CHEM 124 (CRN 60300)</i><br><i>KBOR Seamless Transfer CHEM 124 (CRN 60300)</i> |             |                |                   |          |            |            |
| <b>60306</b> 051 F2F  | Lab M-W---- | 06:00-08:50 PM | 06/04/18-07/25/18 | SCI 211  | Jacobsen F | Closed     |
| <i>Co-requisite to enroll in CHEM 124 (CRN 60301)</i><br><i>KBOR Seamless Transfer CHEM 124 (CRN 60301)</i> |             |                |                   |          |            |            |

## 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>60354</b> 001 F2F  | MTWR--- | 08:00-09:50 AM | 06/04/18-07/26/18 | GEB 217  | Ogdon F    | Closed     |
| <i>Co-requisite to enroll in CHEM 132 (CRN 60359)</i><br><i>KBOR Seamless Transfer CHEM 132 (CRN 60359)</i> |         |                |                   |          |            |            |
| <b>60355</b> 002 F2F  | MTWR--- | 10:00-11:50 AM | 06/04/18-07/26/18 | GEB 217  | Egan G     | Closed     |
| <i>Co-requisite to enroll in CHEM 132 (CRN 60360)</i><br><i>KBOR Seamless Transfer CHEM 132 (CRN 60360)</i> |         |                |                   |          |            |            |
| <b>60356</b> 003 F2F  | MTWR--- | 12:00-01:50 PM | 06/04/18-07/26/18 | GEB 217  | Slavin L   | Closed     |

| CRN   | Days    | Time           | Date              | Location | Instructor | Seats Open    |
|---|---------|----------------|-------------------|----------|------------|---------------|
| <i>Co-requisite to enroll in CHEM 132 (CRN 60361)</i> |         |                |                   |          |            |               |
| <i>KBOR Seamless Transfer CHEM 132 (CRN 60361)</i>    |         |                |                   |          |            |               |
| <b>60357</b> 050 F2F                                  | M-W---- | 06:00-08:50 PM | 06/04/18-07/25/18 | GEB 217  | Weems J    | <b>Closed</b> |
|   | -T-R--- | 06:00-06:50 PM | 06/05/18-07/26/18 | GEB 217  |            |               |

*Co-requisite to enroll in CHEM 132 (CRN 60362)*

*KBOR Seamless Transfer CHEM 132 (CRN 60362)*

|                      |       |   |                   |               |            |               |
|----------------------|-------|---|-------------------|---------------|------------|---------------|
| <b>60358</b> 380 HYB | ----- | - | 06/04/18-07/26/18 | <b>Online</b> | Franklin P | <b>Closed</b> |
|----------------------|-------|---|-------------------|---------------|------------|---------------|

*KBOR Seamless Transfer*

*Co-requisite to enroll in CHEM 132 (CRN 60363)*

*Mandatory Classroom Meetings CHEM 132 (CRN 60363)*

Note: The corresponding lab will meet on campus. The lecture tests and the final are taken in the JCCC Testing Center.

## CHEM 132 - General Chemistry II Lab

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

**Credit Hours:** 1

**Associated Costs:** \$60

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

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

| CRN   | Days               | Time           | Date              | Location | Instructor  | Seats Open    |
|---|--------------------|----------------|-------------------|----------|-------------|---------------|
| <b>60359</b> 001 F2F                                  | <b>Lab</b> -T-R--- | 10:00-12:50 PM | 06/05/18-07/26/18 | SCI 213  | Ogdon F     | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>                         |                    |                |                   |          |             |               |
| <i>Co-requisite to enroll in CHEM 131 (CRN 60354)</i> |                    |                |                   |          |             |               |
| <b>60360</b> 002 F2F                                  | <b>Lab</b> M-W---- | 12:30-03:20 PM | 06/04/18-07/25/18 | SCI 213  | Maradiaga A | <b>Closed</b> |
| <i>Co-requisite to enroll in CHEM 131 (CRN 60355)</i> |                    |                |                   |          |             |               |
| <i>KBOR Seamless Transfer CHEM 131 (CRN 60355)</i>    |                    |                |                   |          |             |               |
| <b>60361</b> 003 F2F                                  | <b>Lab</b> -T-R--- | 02:00-04:50 PM | 06/05/18-07/26/18 | SCI 213  | Maradiaga A | <b>Closed</b> |
| <i>Co-requisite to enroll in CHEM 131 (CRN 60356)</i> |                    |                |                   |          |             |               |
| <i>KBOR Seamless Transfer CHEM 131 (CRN 60356)</i>    |                    |                |                   |          |             |               |
| <b>60362</b> 050 F2F                                  | <b>Lab</b> -T-R--- | 07:00-09:50 PM | 06/05/18-07/26/18 | SCI 213  | Weems J     | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>                         |                    |                |                   |          |             |               |
| <i>Co-requisite to enroll in CHEM 131 (CRN 60357)</i> |                    |                |                   |          |             |               |
| <b>60363</b> 051 F2F                                  | <b>Lab</b> M-----  | 05:00-07:00 PM | 06/04/18-06/04/18 | CLB 112A | Franklin P  | <b>Closed</b> |
|   | <b>Lab</b> M-W---- | 05:00-07:50 PM | 06/06/18-07/25/18 | SCI 213  |             |               |
| <i>KBOR Seamless Transfer</i>                         |                    |                |                   |          |             |               |
| <i>Co-requisite to enroll in CHEM 131 (CRN 60358)</i> |                    |                |                   |          |             |               |

## 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>60364</b> 001 F2F | MTWR---     | 08:00-09:15 AM | 06/04/18-07/26/18 | SCI 124  | Watson C   | Closed     |
|                      | Lab MTWR--- | 09:30-12:20 PM | 06/04/18-07/26/18 | 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 |
|----------------------|---------|----------------|-------------------|----------|------------|------------|
| <b>60371</b> 001 F2F | MTWR--- | 08:00-09:50 AM | 06/04/18-07/26/18 | 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 |
|-------------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60780</b> 350 ONLNE        | ----- | -    | 06/04/18-07/26/18 | Online   | Pihl C     | Closed     |
| <i>KBOR Seamless Transfer</i> |       |      |                   |          |            |            |
| <b>60781</b> 351 ONLNE        | ----- | -    | 06/04/18-07/26/18 | Online   | Short C    | Closed     |
| <i>KBOR Seamless Transfer</i> |       |      |                   |          |            |            |

### 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 |
|-----------------|-------|------|-------------------|----------|------------|------------|
| 60782 350 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Leftwich M | Closed     |
| 60783 351 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Short C    | Closed     |

## Cosmetology - Esthetics

### CO 102 - Intermediate Esthetics


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

**Credit Hours:** 9

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

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

Outline ([http://catalog.jccc.edu/coursedescriptions/co/#CO\\_102](http://catalog.jccc.edu/coursedescriptions/co/#CO_102))

| CRN           | Days    | Time           | Date              | Location  | Instructor  | Seats Open |
|---------------|---------|----------------|-------------------|---|---|------------|
| 60837 202 F2F | MT----- | 05:30-09:30 PM | 05/21/18-09/25/18 |  WPK 180 | Goebel M<br>Dye K<br>Geer K<br>Rosauer J<br>Henderson D | Closed     |

*SB 155 Excel in CTE*

### CO 103 - Intermediate Esthetics Clinical

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

**Credit Hours:** 5

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

Outline ([http://catalog.jccc.edu/coursedescriptions/co/#CO\\_103](http://catalog.jccc.edu/coursedescriptions/co/#CO_103))

| CRN           | Days    | Time           | Date              | Location  | Instructor   | Seats Open |
|---------------|---------|----------------|-------------------|---|--|------------|
| 60838 203 F2F | --WR--- | 05:30-09:30 PM | 05/23/18-09/27/18 |  WPK 131 | Goebel M<br>Rodriguez C<br>Dye K<br>Geer K<br>Rosauer J<br>Henderson D | Closed     |
|               | ----S-  | 09:00-01:00 PM | 05/26/18-09/29/18 |  WPK 131 |  |            |

*SB 155 Excel in CTE*



## CO 109 - Nail Technology

This course provides skill instruction in determining nail disorders and care as well as the artistic application of tips, overlays and sculptured nails. Upon successful completion, students are prepared to take the Kansas State Board of Cosmetology Manicurist examination. This class meets for 130 Lecture hours, 60 Lab hours and 160 Clinic hours to meet the 350 contact hours required by the Kansas Board of Cosmetology. For enrollment information, call 913-469-8500, ext. 2390.

**Credit Hours:** 16

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

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

Outline ([http://catalog.jccc.edu/coursedescriptions/co/#CO\\_109](http://catalog.jccc.edu/coursedescriptions/co/#CO_109))

| CRN           | Days    | Time           | Date              | Location  | Instructor                                       | Seats Open |
|---------------|---------|----------------|-------------------|-----------|--|------------|
| 60839 209 F2F | ----F-- | 08:00-04:30 PM | 06/04/18-06/29/18 | 🚗 WPK 108 | Goebel M<br>Rodriguez C<br>Geer K<br>Henderson D | Closed     |
|               | MTWR--- | 08:00-05:00 PM | 06/04/18-06/28/18 | 🚗 WPK 108 |  |            |
|               | M-----  | 08:00-05:00 PM | 07/02/18-08/06/18 | 🚗 WPK 108 |  |            |
|               | -TWR--- | 08:00-05:00 PM | 07/03/18-08/09/18 | 🚗 WPK 101 |  |            |
|               | ----F-- | 08:00-04:30 PM | 07/06/18-08/10/18 | 🚗 WPK 101 |  |            |

SB 155 Excel in CTE

## CO 114 - Cosmetology Business

In this course, students will explore how to begin the process of owning a salon. Coursework is focused on industry networking, professional goal setting, the components of salon ownership, writing a business plan, resume and interviewing skills, salon retailing, and a refresher for state laws and regulations. This course propels students further into the professional salon environment. Students are instructed to practice and perfect their skills in a salon setting, performing all cosmetology services for clients and models, as well as scheduling appointments and practicing salon management. A successful student will have acquired basic skills to fill a position in the field of cosmetology. Total 220 contact hours. For enrollment and tuition information, call 913-469-8500, ext. 2390. Prerequisite: CO 110 with a grade of "C" or higher.

**Credit Hours:** 7

**Prerequisite:** CO 110 with a grade of "C" or higher

Outline ([http://catalog.jccc.edu/coursedescriptions/co/#CO\\_114](http://catalog.jccc.edu/coursedescriptions/co/#CO_114))

| CRN           | Days    | Time           | Date              | Location  | Instructor  | Seats Open |
|---------------|---------|----------------|-------------------|-----------|---|------------|
| 60840 214 F2F | MTW---- | 08:00-05:00 PM | 06/11/18-07/18/18 | 🚗 WPK 101 | Goebel M<br>Rodriguez C<br>Geer K<br>Hinojosa M<br>Rosauer J<br>Henderson D | Closed     |
|               | ---R--- | 08:00-05:00 PM | 06/14/18-07/19/18 | 🚗 WPK 133 |   |            |
|               | ----F-- | 08:00-04:30 PM | 06/15/18-07/20/18 | 🚗 WPK 133 |   |            |

SB 155 Excel in CTE

| CRN           | Days    | Time           | Date              | Location  | Instructor  | Seats Open |
|---------------|---------|----------------|-------------------|-----------|---|------------|
| 60841 215 F2F | MT----- | 08:00-05:00 PM | 06/11/18-07/17/18 | 🚗 WPK 177 | Goebel M<br>Rodriguez C<br>Geer K<br>Hinojosa M<br>Rosauer J<br>Henderson D | Closed     |
|               | --W---- | 08:00-05:00 PM | 06/13/18-07/18/18 | 🚗 WPK 101 |   |            |
|               | ---R--- | 11:00-08:00 PM | 06/14/18-07/19/18 | 🚗 WPK 101 |   |            |
|               | ----F-- | 08:00-04:30 PM | 06/15/18-07/20/18 | 🚗 WPK 101 |   |            |

SB 155 Excel in CTE

## College Success

### COLL 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, interests, skills, and values. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/coll/#COLL\\_135](http://catalog.jccc.edu/coursedescriptions/coll/#COLL_135))

| CRN             | Days    | Time           | Date              | Location | Instructor | Seats Open |
|-----------------|---------|----------------|-------------------|----------|------------|------------|
| 60842 001 F2F   | MTWR--- | 09:00-10:45 AM | 06/04/18-07/12/18 | CC 229   | Green D    | Closed     |
| 60843 350 ONLNE | -----   | -              | 06/04/18-07/26/18 | Online   | Mann V     | Closed     |
| 60844 351 ONLNE | -----   | -              | 06/04/18-07/26/18 | Online   | Garcia J   | Closed     |
| 60935 352 ONLNE | -----   | -              | 06/11/18-07/26/18 | Online   | Mann V     | Closed     |

### COLL 176 - College Study Strategies

In this course, students will learn a series of strategies for processing information from textbooks and lectures and strategies for studying for and taking tests. As the strategies are introduced, students apply them to the content of courses in which they are concurrently enrolled. Upon successful completion of the course, students will have developed a system for learning that can be adapted for use in any learning situation. College Success courses offer students opportunities to acquire the thinking and learning skills needed to be a successful learner, including reading textbooks, taking notes, organizing information, and preparing for tests. 1 hr. lecture/wk.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/coll/#COLL\\_176](http://catalog.jccc.edu/coursedescriptions/coll/#COLL_176))

| CRN             | Days    | Time           | Date              | Location | Instructor | Seats Open |
|-----------------|---------|----------------|-------------------|----------|------------|------------|
| 60850 002 F2F   | M-W---- | 09:30-11:30 AM | 07/02/18-07/26/18 | LIB 305  | Mann V     | Closed     |
| 60851 350 ONLNE | -----   | -              | 06/04/18-06/28/18 | Online   | Putnam T   | Closed     |
| 60852 351 ONLNE | -----   | -              | 07/02/18-07/26/18 | Online   | Putnam T   | Closed     |

### COLL 178 - Memory Strategies

In this course, students learn a series of techniques to help them improve their retention and recall of information needed for success in college courses. These techniques provide a systematic approach to learning and remembering. Students immediately use the techniques to learn information from their other college courses. College Success courses offer students opportunities to acquire the thinking and learning skills needed to be a successful learner, including reading textbooks, taking notes, organizing information and preparing for tests. 1 hr. lecture/wk.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/coll/#COLL\\_178](http://catalog.jccc.edu/coursedescriptions/coll/#COLL_178))

| CRN             | Days  | Time | Date              | Location | Instructor | Seats Open |
|-----------------|-------|------|-------------------|----------|------------|------------|
| 60854 350 ONLNE | ----- | -    | 06/04/18-06/28/18 | Online   | Massman H  | Closed     |
| 60855 351 ONLNE | ----- | -    | 07/02/18-07/26/18 | Online   | Doyle M    | Closed     |

## COLL 200 - College Success Strategies

This course provides students with opportunities to develop skills and habits that will help them establish and maintain effective learning systems. Students first learn and practice the learning methods in class and then apply these methods to appropriate situations in their other college coursework. The methods, which are based on valid learning and thinking principles, will help students meet the higher-level demands of the subjects encountered in college courses. College Success 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. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/coll/#COLL\\_200](http://catalog.jccc.edu/coursedescriptions/coll/#COLL_200))

| CRN             | Days  | Time | Date              | Location | Instructor | Seats Open |
|-----------------|-------|------|-------------------|----------|------------|------------|
| 60856 350 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Mann V     | Closed     |
| 60951 352 ONLNE | ----- | -    | 06/11/18-07/26/18 | Online   | Mann V     | Closed     |

## Computer Personal Computer App

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

This course is designed to give the student an overview of essential personal computer concepts and skills. Current topics include computer terminology, hardware components, system software, application software, file management, email and the internet. Hands-on, real-world projects will be performed to reinforce the concepts taught. 1 hr. lecture /wk.

**Credit Hours: 1**

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 |
|-----------------|-------|------|-------------------|----------|------------|------------|
| 60618 350 ONLNE | ----- | -    | 06/07/18-07/05/18 | Online   | Mahring B  | Closed     |
| 60624 351 ONLNE | ----- | -    | 06/07/18-07/05/18 | Online   | Mahring B  | Closed     |

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

This course is designed to give the student an overview of essential Macintosh (Mac) computer concepts and skills. Current topics include computer terminology, hardware components, operating system software, application software, file management, email and the internet. Hands-on, real-world projects will be performed to reinforce the concepts taught. 1 hr. lecture/wk.

**Credit Hours:** 1

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 |
|------------------|-------|------|-------------------|----------|------------|------------|
| 60630 350 ONLINE | ----- | -    | 06/07/18-07/05/18 | Online   | Mahring B  | Closed     |

## 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 Contacts, Google Calendar, Google Docs, Google Drive and Google Sites. Hands-on, practical projects will be performed to reinforce the concepts taught. 1hr. lecture/wk.

**Credit Hours:** 1

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

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

| CRN              | Days  | Time | Date              | Location | Instructor | Seats Open |
|------------------|-------|------|-------------------|----------|------------|------------|
| 60632 350 ONLINE | ----- | -    | 06/07/18-07/05/18 | Online   | Mahring B  | Closed     |

## CPCA 110 - Spreadsheets I: MS Excel

Upon successful completion of this course, students will demonstrate proficiency with 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

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

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

| CRN              | Days  | Time | Date              | Location | Instructor | Seats Open |
|------------------|-------|------|-------------------|----------|------------|------------|
| 60634 350 ONLINE | ----- | -    | 06/05/18-06/28/18 | Online   | Smith C    | Closed     |

Microsoft Excel Office 2016 Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

## CPCA 111 - Spreadsheets II: MS Excel

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

**Credit Hours:** 1

**Prerequisite or Corequisite:** CPCA 110 or CPCA 128

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

| CRN              | Days  | Time | Date              | Location | Instructor | Seats Open |
|------------------|-------|------|-------------------|----------|------------|------------|
| 60646 350 ONLINE | ----- | -    | 07/03/18-07/26/18 | Online   | Smith C    | Closed     |

| CRN  | Days | Time | Date | Location | Instructor | Seats Open |
|--|------|------|------|----------|------------|------------|
| Microsoft Excel Office 2016 Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center. |      |      |      |          |            |            |

## CPCA 118 - Groupware: Outlook

This course provides an introduction to the concepts and applications of today's robust email systems. Students will use the application to compose, send, open and reply to email; organize email; manage calendars; use contact management features; and work with tasks. 1 hr. lecture/wk.

**Credit Hours: 1**

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

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

| CRN                    | Days  | Time | Date              | Location | Instructor | Seats Open |
|------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60910</b> 350 ONLNE | ----- | -    | 06/07/18-07/05/18 | Online   | Mahring B  | Closed     |

Microsoft Outlook Office 2016 Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

## CPCA 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 |
|------------------------|---------|----------------|-------------------|----------|------------|------------|
| <b>60643</b> 350 ONLNE | -----   | -              | 06/07/18-07/26/18 | Online   | Smith C    | Closed     |
| Microsoft Office 2016  |         |                |                   |          |            |            |
| <b>60644</b> 351 ONLNE | -----   | -              | 06/07/18-07/26/18 | Online   | Kosko J    | Closed     |
| Microsoft Office 2016  |         |                |                   |          |            |            |
| <b>60645</b> 376 HYB   | ---R--- | 11:00-01:45 PM | 06/05/18-07/26/18 | RC 355   | Jarvis B   | Closed     |
|                        | -----   | -              | 06/05/18-07/26/18 | Online   |            |            |

*Mandatory Classroom Meetings*

Microsoft Office 2016

## Computer Science

### CS 134 - Programming Fundamentals

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

**Credit Hours: 4**

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

| CRN   | Days    | Time           | Date              | Location | Instructor  | Seats Open |
|---|---------|----------------|-------------------|----------|-------------|------------|
| <b>60786</b> 350 ONLNE<br><i>SB 155 Excel in CTE</i>                                      | -----   | -              | 06/04/18-07/26/18 | Online   | Chen I      | Closed     |
| <b>60787</b> 351 ONLNE<br><i>SB 155 Excel in CTE</i>                                      | -----   | -              | 06/04/18-07/26/18 | Online   | Nagarajan N | Closed     |
| <b>60789</b> 352 ONLNE<br><i>SB 155 Excel in CTE</i>                                      | -----   | -              | 06/04/18-07/26/18 | Online   | Nagarajan N | Closed     |
| <b>60790</b> 376 HYB<br><i>SB 155 Excel in CTE</i><br><i>Mandatory Classroom Meetings</i> | M-W---- | 02:00-04:50 PM | 06/04/18-07/25/18 | RC 380   | Singh R     | Closed     |
|   | -----   | -              | 06/04/18-07/25/18 | Online   |             |            |
| <b>60791</b> 377 HYB<br><i>Mandatory Classroom Meetings</i><br><i>SB 155 Excel in CTE</i> | M-W---- | 06:00-08:50 PM | 06/04/18-07/25/18 | RC 347   | Damico B    | Closed     |
|   | -----   | -              | 06/04/18-07/25/18 | Online   |             |            |
| <b>60792</b> 378 HYB<br><i>Mandatory Classroom Meetings</i><br><i>SB 155 Excel in CTE</i> | -T-R--- | 06:00-08:50 PM | 06/05/18-07/26/18 | RC 380   | Damico B    | Closed     |
|   | -----   | -              | 06/05/18-07/26/18 | Online   |             |            |

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

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

**Credit Hours: 4**

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

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

| CRN   | Days    | Time           | Date              | Location | Instructor | Seats Open |
|---|---------|----------------|-------------------|----------|------------|------------|
| <b>60794</b> 350 ONLNE<br><i>SB 155 Excel in CTE</i>  | -----   | -              | 06/04/18-07/26/18 | Online   | Chen I     | Closed     |
| Note: Students will be required to take three exams on campus (JCCC Testing Center) during the semester. A certified proctoring center may also be a possibility, but any cost and arrangement are the responsibility of the student. |         |                |                   |          |            |            |
| <b>60795</b> 376 HYB<br><i>Mandatory Classroom Meetings</i><br><i>SB 155 Excel in CTE</i>   | M-W---- | 06:00-08:50 PM | 06/04/18-07/25/18 | RC 380   | Singh R    | Closed     |
|   | -----   | -              | 06/04/18-07/25/18 | Online   |            |            |

## Dietary Managers

**DIET 151 - Nutrition and Meal Planning** ▶

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

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/diet/#DIET\\_151](http://catalog.jccc.edu/coursedescriptions/diet/#DIET_151))

| CRN                              | Days  | Time | Date              | Location | Instructor | Seats Open |
|----------------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60465</b> 350 ONLINE          | ----- | -    | 06/04/18-07/26/18 | Online   | Tripe J    | Closed     |
| <i>KBOR Seamless Transfer</i>    |       |      |                   |          |            |            |
| <b>60466</b> 351 ONLINE          | ----- | -    | 06/04/18-07/26/18 | Online   | Collier R  | Closed     |
| <i>KBOR Seamless Transfer</i>    |       |      |                   |          |            |            |
| <b>60467</b> 352 ONLINE          | ----- | -    | 06/04/18-07/26/18 | Online   | Riley M    | 5 of 24    |
| <i>KBOR Seamless Transfer</i>    |       |      |                   |          |            |            |
| Requirement: Department approval |       |      |                   |          |            |            |

## 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 |
|----------------------------|---------|----------------|-------------------|----------|------------|------------|
| <b>60882</b> 001 F2F       | -T----- | 06:00-09:30 PM | 06/05/18-07/24/18 | ITC 126  | Burton S   | Closed     |
| <i>SB 155 Excel in CTE</i> |         |                |                   |          |            |            |

### DRAF 152 - 3D Modeling with SketchUp

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

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/draf/#DRAF\\_152](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_152))

| CRN                        | Days    | Time           | Date              | Location | Instructor | Seats Open |
|----------------------------|---------|----------------|-------------------|----------|------------|------------|
| <b>60883</b> 001 F2F       | -T-R--- | 01:30-05:00 PM | 06/19/18-07/19/18 | ITC 126  | Cline L    | Closed     |
| <i>SB 155 Excel in CTE</i> |         |                |                   |          |            |            |

### 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 |
|---------------|-------|------|-------------------|----------|------------|------------|
| 60894 500 INT | ----- | -    | 06/04/18-07/26/18 |          | Hughes T   | Full       |

*SB 155 Excel in CTE*

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 |
|---------------|-------|------|-------------------|----------|------------|------------|
| 60895 500 INT | ----- | -    | 06/04/18-07/26/18 |          | Hughes T   | 4 of 5     |

*SB 155 Excel in CTE*

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 |
|---------------|---------|----------------|-------------------|----------|-------------|------------|
| 60742 001 F2F | MTWR--- | 08:00-09:15 AM | 06/04/18-07/26/18 | LIB 359  | Rainwater M | 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 |
|---------------|---------|----------------|-------------------|----------|--------------|------------|
| 60743 001 F2F | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | CC 329   | Lychnikova E | 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 |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60745 001 F2F | MTWR--- | 11:00-12:15 PM | 06/04/18-07/26/18 | LIB 353B | Forth J    | 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 |
|------------------|---------|----------------|-------------------|----------|-------------|------------|
| 60751 001 F2F    | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | LIB 353B | Forth J     | Closed     |
| 60752 002 F2F    | -T-R--- | 06:00-08:30 PM | 06/05/18-07/26/18 | CC 316   | Blackman P  | Closed     |
| 60753 350 ONLINE | -----   | -              | 06/04/18-07/26/18 | 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 |
|---------------|---------|----------------|-------------------|----------|--------------|------------|
| 60747 001 F2F | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | GEB 242  | Magnuson K   | Closed     |
| 60748 005 F2F | M-W---- | 06:00-08:30 PM | 06/04/18-07/25/18 | CC 316   | Kastendick R | 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 |
|-----------------|---------|----------------|-------------------|----------|-------------|------------|
| 60754 001 F2F   | MTWR--- | 11:00-12:15 PM | 06/04/18-07/26/18 | CC 316   | Milkowart H | Closed     |
| 60755 002 F2F   | MTWR--- | 12:30-01:45 PM | 06/04/18-07/26/18 | CC 316   | Magnuson K  | Closed     |
| 60756 350 ONLNE | -----   | -              | 06/04/18-07/26/18 | Online   | Nguyen E    | 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 |
|---------------|---------|----------------|-------------------|----------|--------------|------------|
| 60744 001 F2F | MTWR--- | 11:00-12:15 PM | 06/04/18-07/26/18 | CC 329   | 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 |
|---------------|---------|----------------|-------------------|----------|--------------|------------|
| 60749 001 F2F | MTWR--- | 08:00-09:15 AM | 06/04/18-07/26/18 | CC 329   | Lychnikova E | Closed     |
| 60750 005 F2F | -T-R--- | 06:00-08:30 PM | 06/05/18-07/26/18 | CC 324   | Knisley T    | 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))

| CRN             | Days    | Time           | Date              | Location | Instructor    | Seats Open |
|-----------------|---------|----------------|-------------------|----------|---------------|------------|
| 60040 001 F2F   | MTWR--- | 12:30-01:45 PM | 06/04/18-07/26/18 | OCB 246  | Karscig M     | Closed     |
| 60041 350 ONLNE | -----   | -              | 06/04/18-07/26/18 | Online   | Christensen K | Closed     |
| 60042 351 ONLNE | -----   | -              | 06/04/18-07/26/18 | Online   | Christensen K | Closed     |
| 60939 352 ONLNE | -----   | -              | 06/04/18-07/26/18 | Online   | Christensen K | Closed     |

### ECON 230 - Principles of Macroeconomics ▶

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

**Credit Hours:** 3

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

| CRN                           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|-------------------------------|---------|----------------|-------------------|----------|------------|------------|
| 60044 002 F2F                 | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | OCB 246  | Hamilton T | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| 60045 003 F2F                 | MTWR--- | 11:00-12:15 PM | 06/04/18-07/26/18 | OCB 248  | Karscig M  | Closed     |

| CRN   | Days    | Time           | Date              | Location | Instructor | Seats Open    |
|---|---------|----------------|-------------------|----------|------------|---------------|
| <i>KBOR Seamless Transfer</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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required. |         |                |                   |          |            |               |
| <b>60047</b> 005 F2F  | -T-R--- | 06:00-08:30 PM | 06/05/18-07/26/18 | OCB 248  | Ashworth S | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |          |            |               |
| <b>60048</b> 350 ONLNE  | -----   | -              | 06/04/18-07/26/18 | Online   | Copeland D | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |          |            |               |
| <b>60049</b> 351 ONLNE  | -----   | -              | 06/04/18-07/26/18 | Online   | Copeland D | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |          |            |               |
| <b>60051</b> 352 ONLNE  | -----   | -              | 06/04/18-07/26/18 | Online   | Hadley S   | <b>Closed</b> |
| <i>KBOR Seamless Transfer</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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required. |         |                |                   |          |            |               |
| <b>60052</b> 353 ONLNE  | -----   | -              | 06/04/18-07/26/18 | Online   | Clark L    | <b>Closed</b> |
| <i>KBOR Seamless Transfer</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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required. |         |                |                   |          |            |               |
| <b>60053</b> 354 ONLNE  | -----   | -              | 06/04/18-07/26/18 | Online   | Clark L    | <b>Closed</b> |
| <i>KBOR Seamless Transfer</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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required. |         |                |                   |          |            |               |
| <b>60054</b> 355 ONLNE  | -----   | -              | 06/04/18-07/26/18 | Online   | Young B    | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |          |            |               |
| <b>60056</b> 356 ONLNE  | -----   | -              | 06/04/18-07/26/18 | Online   | Young B    | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |          |            |               |
| <b>60940</b> 357 ONLNE  | -----   | -              | 06/04/18-07/26/18 | Online   | Young B    | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |          |            |               |

## ECON 231 - Principles of Microeconomics

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

**Credit Hours: 3**

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>60057</b> 001 F2F   | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | OCB 248  | Brogna A   | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>  |         |                |                   |          |            |               |
| Upon successful completion of this course, the student should be able to use economic terminology and principles to explain and discuss basic microeconomic concepts, including an extended analysis of product supply and demand, theories of the firm, and product and resource market structures. Students enrolling in this course should have successfully completed one year of high school algebra or the equivalent. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required. |         |                |                   |          |            |               |

| CRN   | Days    | Time           | Date              | Location      | Instructor | Seats Open    |
|---|---------|----------------|-------------------|---------------|------------|---------------|
| <b>60058</b> 002 F2F  | MTWR--- | 11:00-12:15 PM | 06/04/18-07/26/18 | OCB 246       | Hamilton T | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |            |               |
| <b>60059</b> 003 F2F  | -T-R--- | 06:00-08:30 PM | 06/05/18-07/26/18 | OCB 246       | Okao A     | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |            |               |
| <b>60060</b> 350 ONLNE  | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Hadley S   | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |            |               |
| Upon successful completion of this course, the student should be able to use economic terminology and principles to explain and discuss basic microeconomic concepts, including an extended analysis of product supply and demand, theories of the firm, and product and resource market structures. Students enrolling in this course should have successfully completed one year of high school algebra or the equivalent. 3 hrs. lecture/wk.This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required. |         |                |                   |               |            |               |
| <b>60061</b> 351 ONLNE  | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Hadley S   | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |            |               |
| Upon successful completion of this course, the student should be able to use economic terminology and principles to explain and discuss basic microeconomic concepts, including an extended analysis of product supply and demand, theories of the firm, and product and resource market structures. Students enrolling in this course should have successfully completed one year of high school algebra or the equivalent. 3 hrs. lecture/wk.This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required. |         |                |                   |               |            |               |
| <b>60062</b> 352 ONLNE  | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Copeland D | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |            |               |
| <b>60063</b> 353 ONLNE  | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Karscig M  | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |            |               |
| Upon successful completion of this course, the student should be able to use economic terminology and principles to explain and discuss basic microeconomic concepts, including an extended analysis of product supply and demand, theories of the firm, and product and resource market structures. Students enrolling in this course should have successfully completed one year of high school algebra or the equivalent. 3 hrs. lecture/wk.This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required. |         |                |                   |               |            |               |
| <b>60064</b> 354 ONLNE  | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Clark L    | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |            |               |
| Upon successful completion of this course, the student should be able to use economic terminology and principles to explain and discuss basic microeconomic concepts, including an extended analysis of product supply and demand, theories of the firm, and product and resource market structures. Students enrolling in this course should have successfully completed one year of high school algebra or the equivalent. 3 hrs. lecture/wk.This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required. |         |                |                   |               |            |               |
| <b>60065</b> 355 ONLNE  | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Brogna A   | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |            |               |
| Upon successful completion of this course, the student should be able to use economic terminology and principles to explain and discuss basic microeconomic concepts, including an extended analysis of product supply and demand, theories of the firm, and product and resource market structures. Students enrolling in this course should have successfully completed one year of high school algebra or the equivalent. 3 hrs. lecture/wk.This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required. |         |                |                   |               |            |               |
| <b>60941</b> 356 ONLNE  | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Hadley S   | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |            |               |
| Upon successful completion of this course, the student should be able to use economic terminology and principles to explain and discuss basic microeconomic concepts, including an extended analysis of product supply and demand, theories of the firm, and product and resource market structures. Students enrolling in this course should have successfully completed one year of high school algebra or the equivalent. 3 hrs. lecture/wk.This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required. |         |                |                   |               |            |               |

## Education and Early Childhood

### EDUC 130 - Foundations of Early Childhood Education

This introductory survey course is designed to provide students with current information on topics relevant to employment in early childhood programs. The course explores the historical and philosophical roots of early childhood education, general principles in child development, the teacher's role, values and ethics in early childhood education, curriculum design, and classroom management. Twenty hours of observation in a group childcare setting are required. 3 hrs. lecture/wk.

**Credit Hours:** 3

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

[Outline \(http://catalog.jccc.edu/coursedescriptions/educ/#EDUC\\_130\)](http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_130)

| CRN              | Days  | Time | Date              | Location | Instructor | Seats Open |
|------------------|-------|------|-------------------|----------|------------|------------|
| 60430 351 ONLINE | ----- | -    | 06/04/18-07/26/18 | Online   | Hurst D    | Closed     |

## 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 |
|------------------|-------|------|-------------------|----------|------------|------------|
| 60431 351 ONLINE | ----- | -    | 06/04/18-07/26/18 | Online   | Salvato M  | Closed     |
| 60432 352 ONLINE | ----- | -    | 06/04/18-07/26/18 | Online   | Salvato M  | Closed     |

## EDUC 234 - Families in Society

This course is a study of effective relationships between families and the larger society. The course is designed for teachers and families who desire to provide an environment that reflects sensitivity to the unique needs of the individual child/adolescent and their families. Topics covered during the course are family dynamics, child and adolescent development, supporting positive relationships and behaviors, and effective communication and guidance strategies, as well as building and advocating for effective, collaborative relationships between teachers, families and communities. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite or corequisite:** PSYC 215

[Outline \(http://catalog.jccc.edu/coursedescriptions/educ/#EDUC\\_234\)](http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_234)

| CRN              | Days  | Time | Date              | Location | Instructor | Seats Open |
|------------------|-------|------|-------------------|----------|------------|------------|
| 60433 351 ONLINE | ----- | -    | 06/04/18-07/26/18 | Online   | Hurst D    | Closed     |

## Electronics

### ELEC 127 - Robots for Humans

This course is a general introduction to the rapidly growing field of robotics. The class will use lectures, demonstrations and lab work to teach the basics of robotics. This course is designed to assist new users in making use of this technology in their own lives and as an introduction for students wanting to proceed further into the field. 3 hrs lecture, 2 hrs open lab/wk.

**Credit Hours:** 4

[Outline \(http://catalog.jccc.edu/coursedescriptions/elec/#ELEC\\_127\)](http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_127)

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

| CRN           | Days      | Time           | Date              | Location | Instructor | Seats Open |
|---------------|-----------|----------------|-------------------|----------|------------|------------|
| 60577 001 F2F | -T-R---   | 10:00-12:50 PM | 06/05/18-07/26/18 | ITC 189  | Cody P     | Closed     |
|               | Lab ----- | -              | 06/05/18-07/26/18 | ITC 189  |            |            |

## Electrical Technology

### ELTE 175 - Low Voltage Wiring

This course covers the basic theory, installation standards and code requirements for various low voltage systems and their connecting devices. Discussion of closed circuit television, security, telephone, fire alarm, computer networking and wireless systems will be incorporated with hands-on experience installing and terminating conductors and cables in a lab environment. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

**Credit Hours:** 3

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

**Prerequisite or Corequisite:** ELTE 200

Outline ([http://catalog.jccc.edu/coursedescriptions/elte/#ELTE\\_175](http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_175))

| CRN           | Days        | Time           | Date              | Location | Instructor | Seats Open |
|---------------|-------------|----------------|-------------------|----------|------------|------------|
| 60112 001 F2F | -T-R---     | 05:00-06:50 PM | 06/05/18-07/26/18 | ITC 189  | Byrnes J   | Closed     |
|               | Lab -T-R--- | 07:00-09:50 PM | 06/05/18-07/26/18 | ITC 189  |            |            |

*SB 155 Excel in CTE*

### 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 |
|---------------|-------|------|-------------------|----------|------------|------------|
| 60896 500 INT | ----- | -    | 06/04/18-07/26/18 |          | Clark H    | 2 of 5     |

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Note: This section is open to AET majors only. Please contact 913-469-8500 x3612 for approval

Requirement: Department approval

## Emergency Medical Science/MICT

### EMS 121 - CPR I - Basic Life Support for Healthcare Provider

This course provides an overview of the cardiovascular and respiratory systems, a discussion of medical and environmental emergencies leading to the need for CPR, and an introduction to diagnostic signs and triage, as well as insight into the structure and function of the emergency medical services system. The most current practical CPR skills will be taught, including CPR, AED, and airway obstruction techniques for adults, children and infants. Upon successful completion of all American Heart Association standards, the student will receive affirmation at the Healthcare Provider level. 4 hrs. lecture, lab/wk. for 5 wks.

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/ems/#EMS\\_121](http://catalog.jccc.edu/coursedescriptions/ems/#EMS_121))

| CRN           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60828 001 F2F | ---R--- | 06:00-10:00 PM | 06/07/18-07/05/18 | SCI 101L | Allen D    | Closed     |
|               | ---R--- | 06:00-10:00 PM | 06/07/18-07/05/18 | SCI 101M |            |            |
|               | ---R--- | 06:00-10:00 PM | 06/07/18-07/05/18 | SCI 101N |            |            |

*Accelerating Opportunity KS*

|               |         |                |                   |         |         |        |
|---------------|---------|----------------|-------------------|---------|---------|--------|
| 60829 002 F2F | --W---- | 06:00-10:00 PM | 06/20/18-07/25/18 | SCI 118 | Allen D | Closed |
|---------------|---------|----------------|-------------------|---------|---------|--------|

*Accelerating Opportunity KS*

## 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 |
|---------------|---------|----------------|-------------------|----------|--------------------------------|------------|
| 60830 001 F2F | MT-R--- | 12:50-05:00 PM | 06/04/18-07/26/18 | SCI 112  | Biggs S                        | Closed     |
|               | -----   | -              | 06/04/18-07/26/18 | Online   |                                |            |
| 60831 002 F2F | MTW---- | 06:00-09:30 PM | 06/04/18-07/25/18 | SCI 101L | Ratliff W<br>Danenberg-Jones M | Closed     |
|               | MTW---- | 06:00-09:30 PM | 06/04/18-07/25/18 | SCI 101M |                                |            |
|               | MTW---- | 06:00-09:30 PM | 06/04/18-07/25/18 | SCI 101N |                                |            |

*SB 155 Excel in CTE*

## 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 |
|---------------|---------|----------------|-------------------|----------|------------------------|------------|
| 60832 001 F2F | -T-R--- | 09:00-12:00 PM | 06/04/18-08/22/18 | SCI 101N | Biggs S<br>Giegerich P | Closed     |

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## 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 |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60833 001 F2F | -T-R--- | 06:00-09:00 PM | 06/05/18-07/26/18 | SCI 112  | Garcia A   | Closed     |

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## EMS 220 - MICT I

MICT I is the first of four courses in advanced out-of-hospital emergency medical care leading to the opportunity to sit for the National Registry Examination for Paramedics. In this narrowly focused but intense foundational course, the paramedic student will gain a significant knowledge of patient assessment, pharmacology and medication administration techniques, electrocardiography, advanced airway management and paramedic scope of practice. Much material will be covered rapidly, and emphasis is on organization, internalization and synthesis of the basic knowledge of the discipline in this 10-week course. Additionally, during the initial psychomotor teaching labs, students will gain the ability to assess patients, administer medications, treat dysrhythmias and manage the airway through manikin practice. 192 hrs. integrated lecture/lab.

**Credit Hours:** 10

**Associated Costs:** \$700 to 1,000

**Prerequisite:** Admission to the MICT program

Outline ([http://catalog.jccc.edu/coursedescriptions/ems/#EMS\\_220](http://catalog.jccc.edu/coursedescriptions/ems/#EMS_220))

| CRN           | Days    | Time           | Date              | Location | Instructor                                   | Seats Open |
|---------------|---------|----------------|-------------------|----------|--|------------|
| 60835 001 F2F | MTWRF-- | 09:00-04:30 PM | 06/01/18-09/14/18 | SCI 101M | Wnek S<br>Michel L<br>Craig S<br>Giegerich P | Closed     |
|               | MTWRF-- | 09:00-04:30 PM | 06/01/18-09/14/18 | SCI 101N |  |            |

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## 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. 342 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 |
|---------------|---------|----------------|-------------------|----------|--|------------|
| 60834 001 F2F | M-W-F-- | 09:00-04:30 PM | 05/21/18-08/24/18 | SCI 101L | Wnek S<br>Michel L<br>Craig S<br>Giegerich P | Closed     |
|               | M-W-F-- | 09:00-04:30 PM | 05/21/18-08/24/18 | SCI 101M |  |            |
|               | M-W-F-- | 09:00-04:30 PM | 05/21/18-08/24/18 | SCI 101N |  |            |

SB 155 Excel in CTE

## 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 |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60591 005 F2F | M-W---- | 09:30-12:00 PM | 06/04/18-07/25/18 | GEB 279  | Kennard D  | Closed     |

### ENGL 106 - Introduction to Writing

Beginning with a review of basic sentence skills, this course focuses on paragraph development, including subject selection, topic sentences, methods of development, transitional devices and effective introductions and conclusions. The last part of the course will focus on developing multi-paragraph essays. 3 hrs. lecture/wk. Students must take the JCCC writing assessment test. For more information, see a JCCC counselor. This course is in a sequence of courses leading to ENGL 121.

**Credit Hours:** 3

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

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

| CRN           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60592 003 F2F | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | LIB 359  | Biondo A   | Closed     |
| 60593 005 F2F | MTWR--- | 11:00-12:15 PM | 06/04/18-07/26/18 | CC 217   | Devictor C | Closed     |

| CRN                    | Days    | Time           | Date              | Location      | Instructor | Seats Open    |
|------------------------|---------|----------------|-------------------|---------------|------------|---------------|
| <b>60594</b> 010 F2F   | M-W---- | 04:00-06:30 PM | 06/04/18-07/25/18 | LIB 353B      | Lillich S  | <b>Closed</b> |
| <b>60595</b> 015 F2F   | -T-R--- | 09:30-12:00 PM | 06/05/18-07/26/18 | GEB 279       | Kennard D  | <b>Closed</b> |
| <b>60596</b> 350 ONLNE | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Davis D    | <b>Closed</b> |
| <b>60597</b> 351 ONLNE | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Newton J   | <b>Closed</b> |

## 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 text 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. By the end of the semester, students should have completed at least 20 pages (approximately 5,000 words) of revised and edited prose. 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. 3 hrs. lecture/wk.

**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    |
|---|---------|----------------|-------------------|----------|------------|---------------|
| <b>60599</b> 003 F2F  | MTWR--- | 08:00-09:15 AM | 06/04/18-07/26/18 | CC 122   | Bennett S  | <b>Closed</b> |
| <i>Accelerating Opportunity KS</i><br><i>KBOR Seamless Transfer</i> |         |                |                   |          |            |               |
| <b>60603</b> 009 F2F  | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | LIB 357  | Schmeer M  | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i><br><i>Accelerating Opportunity KS</i> |         |                |                   |          |            |               |
| <b>60606</b> 010 F2F  | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | CC 217   | Devictor C | <b>Closed</b> |
| <i>Accelerating Opportunity KS</i><br><i>KBOR Seamless Transfer</i> |         |                |                   |          |            |               |
| <b>60610</b> 012 F2F  | MTWR--- | 10:45-01:15 PM | 06/04/18-07/01/18 | CC 229   | Carriger M | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i><br><i>Accelerating Opportunity KS</i> |         |                |                   |          |            |               |
| <b>60611</b> 013 F2F  | MTWR--- | 10:45-01:15 PM | 07/02/18-07/26/18 | CC 229   | Dixon G    | <b>Closed</b> |
| <i>Accelerating Opportunity KS</i><br><i>KBOR Seamless Transfer</i> |         |                |                   |          |            |               |
| <b>60612</b> 016 F2F  | MTWR--- | 11:00-12:15 PM | 06/04/18-07/26/18 | ATB 133  | Restivo P  | <b>Closed</b> |
| <i>Accelerating Opportunity KS</i><br><i>KBOR Seamless Transfer</i> |         |                |                   |          |            |               |
| <b>60613</b> 017 F2F  | MTWR--- | 11:00-12:15 PM | 06/04/18-07/26/18 | CC 122   | Patch C    | <b>Closed</b> |
| <i>Accelerating Opportunity KS</i><br><i>KBOR Seamless Transfer</i> |         |                |                   |          |            |               |
| <b>60614</b> 020 F2F  | MTWR--- | 12:30-01:45 PM | 06/04/18-07/26/18 | ATB 133  | Boyer J    | <b>Closed</b> |
| <i>Accelerating Opportunity KS</i><br><i>KBOR Seamless Transfer</i> |         |                |                   |          |            |               |
| <b>60615</b> 022 F2F  | M-W---- | 08:00-10:30 AM | 06/04/18-07/25/18 | RC 342   | Murtaugh D | <b>Closed</b> |
| <i>Accelerating Opportunity KS</i><br><i>KBOR Seamless Transfer</i> |         |                |                   |          |            |               |

| <b>CRN</b>  | <b>Days</b> | <b>Time</b>    | <b>Date</b>       | <b>Location</b> | <b>Instructor</b> | <b>Seats Open</b> |
|---|-------------|----------------|-------------------|-----------------|-------------------|-------------------|
| <b>60616</b> 025 F2F  | M-W----     | 01:00-03:30 PM | 06/04/18-07/25/18 | LIB 357         | Way H             | <b>Closed</b>     |
| <i>Accelerating Opportunity KS</i><br><i>KBOR Seamless Transfer</i> |             |                |                   |                 |                   |                   |
| <b>60619</b> 027 F2F  | M-W----     | 06:00-08:30 PM | 06/04/18-07/25/18 | ATB 134         | Longfellow B      | <b>Closed</b>     |
| <i>Accelerating Opportunity KS</i><br><i>KBOR Seamless Transfer</i> |             |                |                   |                 |                   |                   |
| <b>60617</b> 030 F2F  | -T-R--      | 04:00-06:30 PM | 06/05/18-07/26/18 | LIB 353B        | Lillich S         | <b>Closed</b>     |
| <i>KBOR Seamless Transfer</i><br><i>Accelerating Opportunity KS</i> |             |                |                   |                 |                   |                   |
| <b>60620</b> 032 F2F  | -T-R--      | 06:00-08:30 PM | 06/05/18-07/26/18 | LIB 357         | Skidmore P        | <b>Closed</b>     |
| <i>KBOR Seamless Transfer</i><br><i>Accelerating Opportunity KS</i> |             |                |                   |                 |                   |                   |
| <b>60622</b> 350 ONLNE  | -----       | -              | 06/04/18-07/26/18 | <b>Online</b>   | Davis D           | <b>Closed</b>     |
| <i>Accelerating Opportunity KS</i><br><i>KBOR Seamless Transfer</i> |             |                |                   |                 |                   |                   |
| <b>60623</b> 351 ONLNE  | -----       | -              | 06/04/18-07/26/18 | <b>Online</b>   | Browning M        | <b>Closed</b>     |
| <i>KBOR Seamless Transfer</i><br><i>Accelerating Opportunity KS</i> |             |                |                   |                 |                   |                   |
| <b>60625</b> 352 ONLNE  | -----       | -              | 06/04/18-07/26/18 | <b>Online</b>   | Browning M        | <b>Closed</b>     |
| <i>KBOR Seamless Transfer</i><br><i>Accelerating Opportunity KS</i> |             |                |                   |                 |                   |                   |
| <b>60627</b> 353 ONLNE  | -----       | -              | 06/04/18-07/26/18 | <b>Online</b>   | Pace A            | <b>Closed</b>     |
| <i>KBOR Seamless Transfer</i><br><i>Accelerating Opportunity KS</i> |             |                |                   |                 |                   |                   |
| <b>60628</b> 354 ONLNE  | -----       | -              | 06/04/18-07/26/18 | <b>Online</b>   | Gulley B          | <b>Closed</b>     |
| <i>KBOR Seamless Transfer</i><br><i>Accelerating Opportunity KS</i> |             |                |                   |                 |                   |                   |
| <b>60629</b> 355 ONLNE  | -----       | -              | 06/04/18-07/26/18 | <b>Online</b>   | Chapman C         | <b>Closed</b>     |
| <i>KBOR Seamless Transfer</i><br><i>Accelerating Opportunity KS</i> |             |                |                   |                 |                   |                   |
| <b>60631</b> 356 ONLNE  | -----       | -              | 06/04/18-07/26/18 | <b>Online</b>   | Chapman C         | <b>Closed</b>     |
| <i>KBOR Seamless Transfer</i><br><i>Accelerating Opportunity KS</i> |             |                |                   |                 |                   |                   |
| <b>60633</b> 357 ONLNE  | -----       | -              | 06/04/18-07/26/18 | <b>Online</b>   | Petrillo S        | <b>Closed</b>     |
| <i>KBOR Seamless Transfer</i><br><i>Accelerating Opportunity KS</i> |             |                |                   |                 |                   |                   |
| <b>60635</b> 358 ONLNE  | -----       | -              | 06/04/18-07/26/18 | <b>Online</b>   | Hodgkin J         | <b>Closed</b>     |
| <i>KBOR Seamless Transfer</i><br><i>Accelerating Opportunity KS</i> |             |                |                   |                 |                   |                   |
| <b>60636</b> 359 ONLNE  | -----       | -              | 06/04/18-07/26/18 | <b>Online</b>   | Petrillo S        | <b>Closed</b>     |
| <i>Accelerating Opportunity KS</i><br><i>KBOR Seamless Transfer</i> |             |                |                   |                 |                   |                   |
| <b>60638</b> 361 ONLNE  | -----       | -              | 06/04/18-07/26/18 | <b>Online</b>   | Frazier C         | <b>Closed</b>     |
| <i>Accelerating Opportunity KS</i><br><i>KBOR Seamless Transfer</i> |             |                |                   |                 |                   |                   |
| <b>60639</b> 362 ONLNE  | -----       | -              | 06/04/18-07/26/18 | <b>Online</b>   | Ganguly Puckett S | <b>Closed</b>     |

| CRN                                | Days      | Time  | Date | Location          | Instructor | Seats Open |               |
|------------------------------------|-----------|-------|------|-------------------|------------|------------|---------------|
| <i>Accelerating Opportunity KS</i> |           |       |      |                   |            |            |               |
| <i>KBOR Seamless Transfer</i>      |           |       |      |                   |            |            |               |
| <b>60641</b>                       | 364 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online     | Hart N     | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>      |           |       |      |                   |            |            |               |
| <i>Accelerating Opportunity KS</i> |           |       |      |                   |            |            |               |

|  |         |       |   |                   |            |                   |         |
|--|---------|-------|---|-------------------|------------|-------------------|---------|
| <b>60642</b>   | 426 SEL | ----- | - | 06/04/18-07/25/19 | Self Paced | Ganguly Puckett S | 9 of 20 |
| <i>Accelerating Opportunity KS</i>   |         |       |   |                   |            |                   |         |
| <i>KBOR Seamless Transfer</i>  |         |       |   |                   |            |                   |         |
| Note: Enrollment for ENGL 121-426 starts on April 1 and ends on June 30, 2018 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 <a href="mailto:sganguly@jccc.edu">sganguly@jccc.edu</a> . |         |       |   |                   |            |                   |         |
| Requirement: Department approval   |         |       |   |                   |            |                   |         |

## ENGL 122 - Composition II

Composition II focuses on skills essential to gathering, comprehending, analyzing, evaluating and synthesizing information from a variety of academic and non-academic sources. Because writing is integral to college coursework and the workplace, this course emphasizes the rhetorical skills needed to understand and produce complex compositions in a variety of forms, which may include essays, presentations, reports, social media posts and other digital forms of communication. Composition II emphasizes the deep revision needed to compose expository, evaluative and persuasive prose. By the end of the semester, students should have completed at least 25 pages (approximately 6,250 words) of revised and edited prose. 3 hrs. lecture/wk.

**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>60647</b>                  | 003 F2F | MTWR--- | 08:00-09:15 AM | 06/04/18-07/26/18 | CC 324     | Luthi G     | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |         |                |                   |            |             |               |
| <b>60649</b>                  | 006 F2F | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | ATB 132    | Carpenter W | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |         |                |                   |            |             |               |
| <b>60650</b>                  | 007 F2F | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | CC 324     | Luthi G     | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |         |                |                   |            |             |               |
| <b>60652</b>                  | 012 F2F | MTWR--- | 10:45-01:15 PM | 07/02/18-07/26/18 | ATB 134    | Jackson M   | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |         |                |                   |            |             |               |
| <b>60654</b>                  | 016 F2F | MTWR--- | 11:00-12:15 PM | 06/04/18-07/26/18 | ATB 132    | Brunner L   | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |         |                |                   |            |             |               |
| <b>60656</b>                  | 020 F2F | MTWR--- | 02:00-03:15 PM | 06/04/18-07/26/18 | ATB 132    | Brunner L   | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |         |                |                   |            |             |               |
| <b>60657</b>                  | 025 F2F | M-W---- | 04:00-06:30 PM | 06/04/18-07/25/18 | ATB 133    | Small J     | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |         |                |                   |            |             |               |
| <b>60658</b>                  | 027 F2F | M-W---- | 06:00-08:30 PM | 06/04/18-07/25/18 | LIB 357    | Skidmore P  | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |         |                |                   |            |             |               |
| <b>60659</b>                  | 030 F2F | -T-R--- | 08:00-10:30 AM | 06/05/18-07/26/18 | RC 342     | Murtaugh D  | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |         |                |                   |            |             |               |
| <b>60660</b>                  | 032 F2F | -T-R--- | 01:00-03:30 PM | 06/05/18-07/26/18 | LIB 357    | Way H       | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |         |                |                   |            |             |               |

| CRN   | Days  | Time | Date              | Location   | Instructor    | Seats Open |
|---|-------|------|-------------------|------------|---------------|------------|
| <b>60661</b> 350 ONLNE<br><i>KBOR Seamless Transfer</i> | ----- | -    | 06/04/18-07/26/18 | Online     | Pace A        | Closed     |
| <b>60662</b> 351 ONLNE<br><i>KBOR Seamless Transfer</i> | ----- | -    | 06/04/18-07/26/18 | Online     | Cooper J      | Closed     |
| <b>60663</b> 352 ONLNE<br><i>KBOR Seamless Transfer</i> | ----- | -    | 06/04/18-07/26/18 | Online     | Kern S        | Closed     |
| <b>60664</b> 353 ONLNE<br><i>KBOR Seamless Transfer</i> | ----- | -    | 06/04/18-07/26/18 | Online     | Kern S        | Closed     |
| <b>60665</b> 354 ONLNE<br><i>KBOR Seamless Transfer</i> | ----- | -    | 06/04/18-07/26/18 | Online     | Davis D       | Closed     |
| <b>60666</b> 355 ONLNE<br><i>KBOR Seamless Transfer</i> | ----- | -    | 06/04/18-07/26/18 | Online     | Davis D       | Closed     |
| <b>60667</b> 356 ONLNE<br><i>KBOR Seamless Transfer</i> | ----- | -    | 06/04/18-07/26/18 | Online     | Heflin R      | Closed     |
| <b>60668</b> 357 ONLNE<br><i>KBOR Seamless Transfer</i> | ----- | -    | 06/04/18-07/26/18 | Online     | Heflin R      | Closed     |
| <b>60669</b> 358 ONLNE<br><i>KBOR Seamless Transfer</i> | ----- | -    | 06/04/18-07/26/18 | Online     | Bell S        | Closed     |
| <b>60670</b> 359 ONLNE<br><i>KBOR Seamless Transfer</i> | ----- | -    | 06/04/18-07/26/18 | Online     | Cooper J      | Closed     |
| <b>60671</b> 360 ONLNE<br><i>KBOR Seamless Transfer</i> | ----- | -    | 06/04/18-07/26/18 | Online     | Bell S        | Closed     |
| <b>60672</b> 361 ONLNE<br><i>KBOR Seamless Transfer</i> | ----- | -    | 06/04/18-07/26/18 | Online     | Funari A      | Closed     |
| <b>60673</b> 362 ONLNE<br><i>KBOR Seamless Transfer</i> | ----- | -    | 06/04/18-07/26/18 | Online     | Funari A      | Closed     |
| <b>60674</b> 363 ONLNE<br><i>KBOR Seamless Transfer</i> | ----- | -    | 06/04/18-07/26/18 | Online     | McBride L     | Closed     |
| <b>60675</b> 364 ONLNE<br><i>KBOR Seamless Transfer</i> | ----- | -    | 06/04/18-07/26/18 | Online     | Workman C     | Closed     |
| <b>60676</b> 365 ONLNE<br><i>KBOR Seamless Transfer</i> | ----- | -    | 06/04/18-07/26/18 | Online     | Workman C     | Closed     |
| <b>60677</b> 366 ONLNE<br><i>KBOR Seamless Transfer</i> | ----- | -    | 06/04/18-07/26/18 | Online     | Hoelting M    | Closed     |
| <b>60967</b> 367 ONLNE<br><i>KBOR Seamless Transfer</i> | ----- | -    | 06/04/18-07/26/18 | Online     | McBride L     | Closed     |
| <b>60678</b> 426 SEL<br><i>KBOR Seamless Transfer</i>   | ----- | -    | 06/04/18-07/25/19 | Self Paced | Fitzpatrick M | 8 of 20    |

Note: Enrollment for ENGL 122-426 starts April 1 and ends June 30, 2018. For more information or permission to enroll in this self-paced class, please contact Prof. Fitzpatrick at 913 469-8500, ext. 3739 or e-mail her at [mfitzpat@jccc.edu](mailto:mfitzpat@jccc.edu).

Requirement: Department approval

## ENGL 123 - Technical Writing I

This course introduces students to technical and professional writing. Students will apply the writing process, engaging rhetorical strategies, when constructing typical workplace correspondence, such as memos, letters, reports, and digital documents (including writings for social media and asynchronous presentations). By the end of the semester, students should have written approximately 5,000 words in revised and edited documents. Students will focus on effective technical writing criteria: clarity, conciseness, document design, organization, and accuracy. Accuracy specifically requires students to follow standard English grammar and punctuation rules. 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 |
|-----------------|-------|------|-------------------|----------|---------------|------------|
| 60695 350 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Fitzpatrick M | Closed     |
| 60696 351 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Hogan Adams M | Closed     |

## ENGL 130 - Introduction to Literature ▾

Students will read, discuss and analyze works from three literary genres: the short story, the poem and the play. Students will learn and apply the technical vocabulary used in the criticism of these literary forms. Students will be introduced to representative works from various literary traditions and cultures, including numerous works from contemporary writers. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite:** ENGL 121

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_130](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_130))

| CRN                           | Days    | Time           | Date              | Location | Instructor    | Seats Open |
|-------------------------------|---------|----------------|-------------------|----------|---------------|------------|
| 60698 005 F2F                 | -T-R--- | 04:00-06:30 PM | 06/04/18-07/26/18 | ATB 133  | Small J       | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |               |            |
| 60699 350 ONLNE               | -----   | -              | 06/04/18-07/26/18 | Online   | Hogan Adams M | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |               |            |
| 60700 351 ONLNE               | -----   | -              | 06/04/18-07/26/18 | Online   | Rollins T     | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |               |            |

## ENGL 215 - U.S. Latino and Latina Literature

This course introduces students to texts by U.S. writers of Hispanic descent or origin. Written primarily in English, the texts may include fiction, non-fiction, poetry, drama and/or film. The readings, discussions and related writing projects will emphasize the relationship between mainstream America and borderland writers; explore the cultural and artistic context of the writers and their works; recognize and assess the use of major narrative and rhetorical strategies; and stimulate consideration of issues surrounding assimilation, identity formation, code-switching and cultural hybridity. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite:** ENGL 121

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_215](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_215))

| CRN             | Days  | Time | Date              | Location | Instructor    | Seats Open |
|-----------------|-------|------|-------------------|----------|---------------|------------|
| 60701 350 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Werkmeister S | Closed     |

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

## 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:** ENGL 121

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 |
|-----------------|-------|------|-------------------|----------|---------------|------------|
| 60702 350 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Hogan Adams M | Closed     |

## ENGL 230 - Introduction to Fiction

This course features significant opportunities to write about the literature and the reader's response to it. Students will learn the historical fictional precedents of the short story; the similarities and differences between the short story and other narrative forms, such as the novel; the differences between the short story and its historical precedents, between short stories and film adaptations of them, and between commercial and literary short stories. Students will discover the place of short stories in major literary movements, the key elements of short stories and interpretive approaches to short stories. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite:** ENGL 122

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_230](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_230))

| CRN             | Days  | Time | Date              | Location | Instructor | Seats Open |
|-----------------|-------|------|-------------------|----------|------------|------------|
| 60705 350 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Davis D    | Closed     |
| 60958 351 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Cryer D    | Closed     |

## 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

**Prerequisite:** ENGL 121

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 |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60707 002 F2F | -T-R--- | 06:00-08:30 PM | 06/05/18-07/26/18 | GEB 242  | Hodgkin J  | 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, various regions of Africa or the Middle East. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite:** ENGL 121

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 |
|-----------------|-------|------|-------------------|----------|---------------|------------|
| 60708 350 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Werkmeister S | 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/enr/#ENGR\\_251](http://catalog.jccc.edu/coursedescriptions/enr/#ENGR_251))

| CRN           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60372 001 F2F | -T-R--- | 04:00-06:30 PM | 06/05/18-07/26/18 | ITC 188  | Cody P     | Closed     |

Note: Students who have completed the prerequisites at another college should contact Susan Johnson [susanj@jccc.edu](mailto:susanj@jccc.edu) before attempting to enroll in this course. Please include your student ID number in the email

## Entrepreneurship

### ENTR 142 - Business Plan

Upon successful completion of this course, the student will be able to evaluate a business concept and write a sound business plan. In the process of doing so, students will be able to assess the strengths and weaknesses of a business concept, collect and organize market research data into a marketing plan, and prepare the financial projects for their business concept. In addition, students will be able to identify and evaluate various resources available for funding small businesses. 3 hrs. lecture/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/entr/#ENTR\\_142](http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_142))

| CRN             | Days   | Time           | Date              | Location | Instructor | Seats Open |
|-----------------|--------|----------------|-------------------|----------|------------|------------|
| 60107 350 ONLNE | -----  | -              | 06/04/18-07/26/18 | Online   | Addressi J | Closed     |
|                 | M----- | 06:00-09:00 PM | 06/11/18-06/11/18 | RC 342   |            |            |

*Mandatory Classroom Meetings*

## 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 |
|---------------|-------|------|-------------------|----------|------------|------------|
| 60105 500 INT | ----- | -    | 06/04/18-07/26/18 |          | Magnant J  | 17 of 20   |

## 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 |
|---------------|-------|------|-------------------|----------|------------|------------|
| 60106 500 INT | ----- | -    | 06/04/18-07/26/18 |          | Magnant J  | 19 of 20   |

## Fashion Merchandising/Design

### 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 |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60711 001 F2F | -T-R--- | 11:00-04:45 PM | 06/05/18-07/26/18 | OCB 306  | Delaney G  | Closed     |

SB 155 Excel in CTE

### 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 |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60712 001 F2F | M-W---- | 09:00-02:45 PM | 06/04/18-07/25/18 | OCB 306  | Hillen D   | Closed     |

*SB 155 Excel in CTE*

## 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 |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60713 001 F2F | M-W---- | 09:00-02:45 PM | 06/04/18-07/25/18 | OCB 306  | Hillen D   | Closed     |

## 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 |
|------------------|-------|------|-------------------|----------|------------|------------|
| 60714 350 ONLINE | ----- | -    | 06/04/18-07/26/18 | Online   | Hillen D   | Closed     |

*SB 155 Excel in CTE*

## FASH 282 - Fashion Internship

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual employment opportunity. This course offers work experience under instructional supervision and is designed to provide practical experience in the fashion industry. Successful completion of this course requires a minimum of 180 hours on-the-job training per semester. This is a repeatable course and may be taken more than once for credit.

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_282](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_282))

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

| CRN                        | Days  | Time | Date              | Location | Instructor | Seats Open |
|----------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60908</b> 500 INT       | ----- | -    | 06/04/18-07/26/18 |          | Rhodes J   | 15 of 20   |
| <i>SB 155 Excel in CTE</i> |       |      |                   |          |            |            |

## Foreign Language

### 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    |
|-------------------------------|---------|----------------|-------------------|----------|------------|---------------|
| <b>60763</b> 001 F2F          | MTWR--- | 08:00-10:15 AM | 06/04/18-07/26/18 | GEB 281  | Hillen J   | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |               |
| <b>60764</b> 002 F2F          | MTWR--- | 10:30-12:45 PM | 06/04/18-07/26/18 | GEB 281  | Hillen J   | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |               |

### FL 131 - Elementary Spanish II

This course will continue the presentation of the material introduced in Elementary Spanish I. Graded reading selections will be added as a basis for conversation and composition in discussion periods. Placement test recommended: can be taken at the Testing Center. 5 hrs. lecture/wk.

**Credit Hours: 5**

**Prerequisite:** FL 130 with a grade of "C" or higher or two years of high-school Spanish; or the appropriate score on the placement test

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_131](http://catalog.jccc.edu/coursedescriptions/fl/#FL_131))

| CRN                           | Days    | Time           | Date              | Location | Instructor | Seats Open    |
|-------------------------------|---------|----------------|-------------------|----------|------------|---------------|
| <b>60768</b> 001 F2F          | MTWR--- | 09:30-11:45 AM | 06/04/18-07/26/18 | CC 323   | Finnie J   | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |               |

### FL 170 - Elementary Japanese I

This course is an introduction to the sounds, vocabulary, grammar, usage and readings of the Japanese language. The emphasis will be on developing basic conversational skills. Cultural materials will be included. This course is typically taught in the fall semester. 5 hrs. lecture/wk.

**Credit Hours: 5**

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_170](http://catalog.jccc.edu/coursedescriptions/fl/#FL_170))

| CRN                  | Days    | Time           | Date              | Location | Instructor | Seats Open    |
|----------------------|---------|----------------|-------------------|----------|------------|---------------|
| <b>60769</b> 001 F2F | MTWR--- | 07:00-09:15 PM | 06/04/18-07/26/18 | CC 126A  | Grass K    | <b>Closed</b> |

### 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.

**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 |
|----------------------------|---------|----------------|-------------------|----------|------------|------------|
| <b>60761</b> 001 F2F       | MTW---- | 08:00-11:05 AM | 06/04/18-07/25/18 | GEB 215  | Kuhns K    | Closed     |
| <i>SB 155 Excel in CTE</i> |         |                |                   |          |            |            |
| <b>60827</b> 002 F2F       | MTW---- | 06:00-09:05 PM | 06/04/18-07/25/18 | GEB 215  | Symansky R | Closed     |
| <i>SB 155 Excel in CTE</i> |         |                |                   |          |            |            |

## 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 |
|-------------------------------|---------|----------------|-------------------|----------|---------------|------------|
| <b>60772</b> 001 F2F          | MTWR--- | 08:00-09:15 AM | 06/04/18-07/26/18 | CC 323   | Finnie J      | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |               |            |
| <b>60898</b> 003 F2F          | MTWR--- | 06:00-08:30 PM | 06/04/18-06/28/18 | CC 126B  | Sommerville A | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |               |            |

## FL 231 - Intermediate Spanish II

This course refines grammar, builds vocabulary, increases understanding of Hispanic culture, and provides practice designed to improve speaking fluency. It includes more advanced readings as a source for composition and conversation. Placement test recommended: can be taken at the Testing Center. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite:** FL 230 with a grade of "C" or higher or or four years of high-school Spanish or the appropriate score on the placement test

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_231](http://catalog.jccc.edu/coursedescriptions/fl/#FL_231))

| CRN                  | Days    | Time           | Date              | Location | Instructor | Seats Open |
|----------------------|---------|----------------|-------------------|----------|------------|------------|
| <b>60899</b> 002 F2F | MTWR--- | 06:00-08:30 PM | 07/02/18-07/26/18 | CC 323   | Finnie J   | Closed     |

## FL 243 - Conversational French

This course is designed to build spontaneous speaking ability. Everyday situations and current events will be discussed in class. Placement test recommended. Go to the Testing Center or to the Language Resource Center. 2 hrs. lecture/wk.

**Credit Hours:** 2

**Associated Costs:** \$1 to 3

**Prerequisite:** FL 141 or two years of high-school French

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_243](http://catalog.jccc.edu/coursedescriptions/fl/#FL_243))

| CRN           | Days    | Time           | Date              | Location | Instructor        | Seats Open |
|---------------|---------|----------------|-------------------|----------|-------------------|------------|
| 60771 001 F2F | MTWR--- | 06:00-07:40 PM | 06/04/18-06/28/18 | CC 332   | Perriguet-Keene H | Closed     |

## Film and Media Studies

### FMS 200 - Intro to Filmmaking and Media Aesthetics

This is an introduction to filmmaking and media aesthetics through practical application of cinematic language and techniques, theories and methodologies. The holistic intent of this course is for students to learn basic filmmaking techniques while also developing an understanding of film as a visual art medium that goes beyond entertainment. Students will be introduced to the concepts of time, space, composition, movement, editing, light, color and sound. This course is a practical emphasis on learning how to creatively apply elements of design, camera lens and sound recording principles to create films. Examples of these aspects of film and associated media will be examined and discussed in depth. 6 hrs. integrated lecture/lab/wk.

**Credit Hours:** 3

**Associated Costs:** \$50 to \$150

Outline ([http://catalog.jccc.edu/coursedescriptions/fms/#FMS\\_200](http://catalog.jccc.edu/coursedescriptions/fms/#FMS_200))

| CRN           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60796 001 F2F | MTW---- | 08:00-11:50 AM | 06/04/18-07/25/18 | ATB 139  | Smith A    | Closed     |

## Game Development

### 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 |
|------------------|-------|------|-------------------|----------|------------|------------|
| 60588 350 ONLINE | ----- | -    | 06/04/18-07/26/18 | Online   | Lane L     | Closed     |

*SB 155 Excel in CTE*

### 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

**Associated Costs:** \$50

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 |
|------------------|-------|------|-------------------|----------|------------|------------|
| 60589 350 ONLINE | ----- | -    | 06/04/18-07/26/18 | Online   | Lane L     | Closed     |

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

SB 155 Excel in CTE

## 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>60730</b> 001 F2F | -T----- | 06:00-08:50 PM | 06/05/18-07/26/18 | LIB 312  | Hawkins P  | <b>Closed</b> |
|                      | ---R--- | 06:00-08:50 PM | 06/07/18-07/26/18 | GEB 233  |            |               |
| <b>60731</b> 002 F2F | --W---- | 06:00-08:50 PM | 06/06/18-07/26/18 | LIB 312  | Hawkins P  | <b>Closed</b> |
|                      | ---R--- | 06:00-08:50 PM | 06/07/18-07/26/18 | GEB 233  |            |               |

### GDES 275 - Graphic Design Internship

Students will work in an approved training situation under instructional supervision. The internship is designed to give the student the opportunity to use the skills learned in the graphic design program. Student interns will complete a minimum of 180 hours on the job and will be compensated with at least the minimum hourly wage.

**Credit Hours:** 1

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

**Prerequisite:** Graphic design faculty review committee approval

Outline ([http://catalog.jccc.edu/coursedescriptions/gdes/#GDES\\_275](http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_275))

| CRN                  | Days  | Time | Date              | Location | Instructor | Seats Open  |
|----------------------|-------|------|-------------------|----------|------------|-------------|
| <b>60732</b> 501 INT | ----- | -    | 06/04/18-07/26/18 |          | Wilson N   | <b>Full</b> |

SB 155 Excel in CTE

Requirement: Department approval

## 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 |
|-----------------|-------|------|-------------------|----------|------------|------------|
| 60376 350 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Maher J    | Closed     |
| 60375 351 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Maher J    | Closed     |

## 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)

| CRN                           | Days    | Time           | Date              | Location | Instructor    | Seats Open |
|-------------------------------|---------|----------------|-------------------|----------|---------------|------------|
| 60377 001 F2F                 | -T-R--- | 01:00-03:50 PM | 06/05/18-07/26/18 | CLB 412  | Maher J       | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |               |            |
| 60378 350 ONLNE               | -----   | -              | 06/04/18-07/26/18 | Online   | Meledge-Ade V | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |               |            |
| 60379 351 ONLNE               | -----   | -              | 06/04/18-07/26/18 | Online   | Roberts C     | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |               |            |
| 60381 352 ONLNE               | -----   | -              | 06/04/18-07/26/18 | Online   | Meledge-Ade V | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |               |            |

## 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 will 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 |
|---|--------|----------------|-------------------|----------|------------|------------|
| 60858 350 ONLNE   | -----  | -              | 06/04/18-07/26/18 | Online   | Olsen R    | Closed     |
| <i>KBOR Seamless Transfer</i><br><i>SB 155 Excel in CTE</i> |        |                |                   |          |            |            |
| 60867 351 ONLNE   | -----  | -              | 06/04/18-07/26/18 | Online   | Olsen R    | Closed     |
| <i>SB 155 Excel in CTE</i><br><i>KBOR Seamless Transfer</i> |        |                |                   |          |            |            |
| 60868 380 HYB   | M----- | 06:00-07:30 PM | 06/04/18-07/23/18 | CC 352   | Kono S     | Closed     |



| CRN                                 | Days    | Time           | Date              | Location | Instructor | Seats Open    |
|-------------------------------------|---------|----------------|-------------------|----------|------------|---------------|
|                                     | -----   | -              | 06/04/18-07/23/18 | Online   |            |               |
| <i>Mandatory Classroom Meetings</i> |         |                |                   |          |            |               |
| <i>SB 155 Excel in CTE</i>          |         |                |                   |          |            |               |
| <i>KBOR Seamless Transfer</i>       |         |                |                   |          |            |               |
| <b>60869</b> 381 HYB                | -T----- | 06:00-07:30 PM | 06/05/18-07/24/18 | CC 352   | Kono S     | <b>Closed</b> |
|                                     | -----   | -              | 06/05/18-07/24/18 | Online   |            |               |
| <i>Mandatory Classroom Meetings</i> |         |                |                   |          |            |               |
| <i>SB 155 Excel in CTE</i>          |         |                |                   |          |            |               |
| <i>KBOR Seamless Transfer</i>       |         |                |                   |          |            |               |
| <b>60870</b> 382 HYB                | ---R--- | 06:00-07:30 PM | 06/07/18-07/26/18 | CC 352   | Kono S     | <b>Closed</b> |
|                                     | -----   | -              | 06/07/18-07/26/18 | Online   |            |               |
| <i>SB 155 Excel in CTE</i>          |         |                |                   |          |            |               |
| <i>Mandatory Classroom Meetings</i> |         |                |                   |          |            |               |
| <i>KBOR Seamless Transfer</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:** Selective admissions approval and HC 130 and HCI 130 and HCI 140 Prerequisite or Corequisite: HC 101 (All courses must be completed 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 |
|---|---------|----------------|-------------------|---|------------|------------|
| <b>60468</b> 500 INT  | -----   | -              | 06/04/18-07/24/18 | Online  | Groneman B | 1 of 5     |
|   | -T----- | 04:30-07:30 PM | 06/05/18-07/24/18 |  KUCRC |            |            |
| <i>Mandatory Classroom Meetings</i>   |         |                |                   |   |            |            |
| <i>SB 155 Excel in CTE</i>  |         |                |                   |   |            |            |
| Note: This class will meet in a classroom located at KU Clinical Research Center, 4350 Shawnee Mission Parkway, Fairway, KS 66205. Contact Brooke Groneman for more information at <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.

**Credit Hours:** 2

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

| CRN                    | Days  | Time | Date              | Location | Instructor   | Seats Open    |
|------------------------|-------|------|-------------------|----------|--------------|---------------|
| <b>60165</b> 350 ONLNE | ----- | -    | 06/04/18-07/09/18 | Online   | Lingerfelt C | <b>Closed</b> |

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

SB 155 Excel in CTE

## HCIS 255 - Technology Concepts in Healthcare

This course provides a basic overview of computing concepts related to the healthcare sector. Topics include computing terminology, computer architecture, and networking and data communication. The design and development of a large healthcare computing system is discussed, including the electronic health record. 2 hrs. lecture/wk.

**Credit Hours: 2**

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

| CRN                     | Days  | Time | Date              | Location | Instructor | Seats Open |
|-------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60166</b> 350 ONLINE | ----- | -    | 06/04/18-07/09/18 | Online   | Brooks L   | Closed     |

SB 155 Excel in CTE

## HCIS 272 - Terminology in Health Care Settings

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

**Credit Hours: 2**

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

| CRN                     | Days  | Time | Date              | Location | Instructor | Seats Open |
|-------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60167</b> 350 ONLINE | ----- | -    | 06/04/18-07/09/18 | Online   | Foley S    | Closed     |

SB 155 Excel in CTE

## 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))

| CRN                  | Days    | Time           | Date              | Location | Instructor | Seats Open |
|----------------------|---------|----------------|-------------------|----------|------------|------------|
| <b>60180</b> 001 F2F | M-W---- | 06:00-08:30 PM | 06/04/18-07/25/18 | GEB 279  | Roberts M  | Closed     |

### HIST 126 - Western Civilization: Scientific Revolution to the Modern Age

The course explores the major developments, ideas and personalities that, for the past 500 years, have shaped Western civilization. Organized around a readings and discussion format, the course allows students to engage some of the world's most provocative and influential literature. Western Civilization: Scientific Revolution to the Modern Age begins with the three revolutions that define modernity the Scientific, French, and Industrial. The course also highlights the new ideologies of the 19th century and more recent themes of modernization and the cultural crisis of the 20th century. 3 hrs. lecture/wk. It is not necessary to take HIST 125 before HIST 126.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_126](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_126))

| CRN           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60181 001 F2F | -T-R--- | 06:00-08:30 PM | 06/05/18-07/26/18 | GEB 279  | Dobson P   | 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 |
|-----------------|-------|------|-------------------|----------|------------|------------|
| 60218 351 ONLNE | ----- | -    | 06/04/18-07/01/18 | Online   | Boucher D  | Closed     |
| 60220 352 ONLNE | ----- | -    | 07/02/18-07/26/18 | Online   | Boucher D  | Closed     |

## HIST 140 - U.S. History to 1877 ▾

This survey course in U.S. history will emphasize developments and trends in American society from the early period of discovery and settlement through Reconstruction. Topics will include the Colonial era, the Revolutionary period, the Federalist era, the expansion of the Republic during the mid-19th century, and the Civil War and Reconstruction. The emphasis will be on analysis and interpretation of these developments. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_140](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_140))

| CRN                           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|-------------------------------|---------|----------------|-------------------|----------|------------|------------|
| 60221 001 F2F                 | MTWR--- | 09:30-12:00 PM | 06/04/18-06/28/18 | CC 126B  | Walker B   | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| 60222 351 ONLNE               | -----   | -              | 06/04/18-07/26/18 | Online   | Boyle S    | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| 60224 352 ONLNE               | -----   | -              | 06/04/18-07/26/18 | Online   | Harvey D   | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| 60225 353 ONLNE               | -----   | -              | 06/04/18-07/26/18 | Online   | Taylor D   | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| 60226 354 ONLNE               | -----   | -              | 06/04/18-07/26/18 | Online   | Dobson P   | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| 60961 355 ONLNE               | -----   | -              | 06/04/18-07/26/18 | Online   | Boyle S    | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |

## HIST 141 - U.S. History Since 1877 ▾

This survey course will emphasize developments and trends in American society from the 1870s to the late twentieth century. Topics will include the Reconstruction era, industrialization, immigration, reform movements, World Wars I and II, social and cultural trends, and foreign policy. Emphasis will be on analysis and interpretation of these developments. 3 hrs. lecture/wk.

**Credit Hours: 3**

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

| CRN                           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|-------------------------------|---------|----------------|-------------------|----------|------------|------------|
| <b>60228</b> 001 F2F          | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | CC 126A  | Thompson M | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| <b>60229</b> 201 F2F          | MTWR--- | 09:30-12:15 PM | 07/02/18-07/26/18 | CC 126B  | Walker B   | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| <b>60231</b> 351 ONLNE        | -----   | -              | 06/04/18-07/26/18 | Online   | Domoney J  | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| <b>60232</b> 352 ONLNE        | -----   | -              | 06/04/18-07/26/18 | Online   | Domoney J  | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| <b>60233</b> 353 ONLNE        | -----   | -              | 06/04/18-07/26/18 | Online   | Harvey D   | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| <b>60234</b> 354 ONLNE        | -----   | -              | 06/04/18-07/26/18 | Online   | Tope J     | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| <b>60962</b> 355 ONLNE        | -----   | -              | 06/04/18-07/26/18 | Online   | Dobson P   | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |

## HIST 151 - World History I: Traditional World

This course provides students an introduction to the history of the major world civilizations up to approximately 1500. Upon successful completion of the course, students will be able to identify the major political, social, economic and technical developments in the histories of Egypt, Mesopotamia, other Near Eastern civilizations, Rome, Greece, India, China, sub-Saharan Africa, pre-Columbian America and medieval Europe. Students will be able to define the concept of a traditional, as opposed to a modern, society. They will be able to compare these societies with each another and with the modern society of the contemporary United States. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_151](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_151))

| CRN                           | Days  | Time | Date              | Location | Instructor | Seats Open |
|-------------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60235</b> 351 ONLNE        | ----- | -    | 06/04/18-07/26/18 | Online   | Taylor D   | Closed     |
| <i>KBOR Seamless Transfer</i> |       |      |                   |          |            |            |
| <b>60236</b> 352 ONLNE        | ----- | -    | 06/04/18-07/01/18 | Online   | Mack J     | Closed     |
| <i>KBOR Seamless Transfer</i> |       |      |                   |          |            |            |
| <b>60963</b> 353 ONLNE        | ----- | -    | 06/04/18-07/26/18 | Online   | Mack J     | Closed     |
| <i>KBOR Seamless Transfer</i> |       |      |                   |          |            |            |

## HIST 152 - World History II: Modern World

This course provides students an introduction to the history of the world since approximately 1500. Upon successful completion, students will be able to describe and analyze the development of modernism, which occurred first in the West, including the scientific revolution, secularism, industrialism and the rise of new political ideologies. They will be able to trace the expansion of modernization in both the Western and non-Western worlds and the response to modernism in non-Western countries. 3 hrs. lecture/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_152](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_152))

| CRN                           | Days  | Time | Date              | Location | Instructor | Seats Open |
|-------------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60237</b> 351 ONLINE       | ----- | -    | 06/04/18-07/26/18 | Online   | Tope J     | Closed     |
| <i>KBOR Seamless Transfer</i> |       |      |                   |          |            |            |
| <b>60238</b> 352 ONLINE       | ----- | -    | 07/02/18-07/26/18 | Online   | Mack J     | Closed     |
| <i>KBOR Seamless Transfer</i> |       |      |                   |          |            |            |

## Hospitality Management

### HMGT 120 - Food Service Sanitation

This course covers the basic principles of providing and serving safe food. It also provides the student with safe food-handling procedures necessary to manage a sanitary and safe food service operation in compliance with the national Food Code and National Restaurant Association guidelines. The successful completion of the ServSafe 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))

| CRN  | Days    | Time           | Date              | Location | Instructor | Seats Open |
|--|---------|----------------|-------------------|----------|------------|------------|
| <b>60458</b> 001 F2F                               | -T----- | 08:00-04:00 PM | 06/05/18-06/12/18 | HCA 115  | Gray J     | Closed     |
| <i>SB 155 Excel in CTE</i>                         |         |                |                   |          |            |            |
| Note: This class only meets on June 5 and June 12. |         |                |                   |          |            |            |

### 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 |
|----------------------|-------|------|-------------------|----------|------------|------------|
| <b>60459</b> 500 INT | ----- | -    | 06/04/18-07/26/18 |          | Gray J     | 18 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 |
|---------------|-------|------|-------------------|----------|-------------|------------|
| 60460 500 INT | ----- | -    | 06/04/18-07/26/18 |          | Marcellus J | 10 of 10   |

*SB 155 Excel in CTE*

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 |
|---------------|-------|------|-------------------|----------|-------------|------------|
| 60461 501 INT | ----- | -    | 06/04/18-07/26/18 |          | Marcellus J | 7 of 10    |

*SB 155 Excel in CTE*

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 |
|---------------|-------|------|-------------------|----------|-------------|------------|
| 60462 502 INT | ----- | -    | 06/04/18-07/26/18 |          | Marcellus J | 5 of 10    |

*SB 155 Excel in CTE*

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 |
|-----|------|------|------|----------|------------|------------|
|-----|------|------|------|----------|------------|------------|

| CRN                  | Days  | Time | Date              | Location | Instructor  | Seats Open |
|----------------------|-------|------|-------------------|----------|-------------|------------|
| <b>60463</b> 503 INT | ----- | -    | 06/04/18-07/26/18 |          | Marcellus J | 7 of 10    |

*SB 155 Excel in CTE*  
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 |
|----------------------|-------|------|-------------------|----------|-------------|------------|
| <b>60464</b> 504 INT | ----- | -    | 06/04/18-07/26/18 |          | Marcellus J | 6 of 10    |

*SB 155 Excel in CTE*  
Requirement: Department approval

## Horticulture

### 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 |
|----------------------|-------------|----------------|-------------------|----------|------------|------------|
| <b>60419</b> 380 HYB | -----       | -              | 06/04/18-07/26/18 | Online   | Boyce B    | Closed     |
|                      | Lab ---R--- | 06:00-09:00 PM | 06/07/18-07/26/18 | HSC 121  |            |            |

*SB 155 Excel in CTE*

*Mandatory Classroom Meetings*

### HORT 214 - Woody Plants I, Deciduous

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

**Credit Hours:** 3

**Associated Costs:** \$10

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

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

| CRN                  | Days               | Time           | Date              | Location | Instructor | Seats Open |
|----------------------|--------------------|----------------|-------------------|----------|------------|------------|
| <b>60420</b> 380 HYB | -----              | -              | 06/04/18-07/26/18 | Online   | Sreedhar L | Closed     |
|                      | <b>Lab</b> -----   | -              | 06/04/18-07/26/18 | Online   |            |            |
|                      | <b>Lab</b> --W---- | 06:00-09:00 PM | 06/06/18-07/25/18 | HSC 121  |            |            |

SB 155 Excel in CTE

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 220 - Herbaceous Plants

This course will focus on the identification, ornamental characters, culture, propagation, and use of herbaceous perennials, bulbs, ground covers, vines and annuals. This course will assist the grounds maintenance employee, landscaper, and garden center employee in identifying and selecting herbaceous plant materials with additional emphasis on uses and maintenance of these plants when used in the landscape. 2 hrs. lecture, 3 hrs. lab/wk.

**Credit Hours:** 3

**Associated Costs:** \$10

Outline ([http://catalog.jccc.edu/coursedescriptions/hort/#HORT\\_220](http://catalog.jccc.edu/coursedescriptions/hort/#HORT_220))

| CRN                     | Days             | Time | Date              | Location | Instructor  | Seats Open |
|-------------------------|------------------|------|-------------------|----------|-------------|------------|
| <b>60421</b> 350 ONLINE | -----            | -    | 06/04/18-07/26/18 | Online   | Seckinger G | Closed     |
|                         | <b>Lab</b> ----- | -    | 06/04/18-07/26/18 | Online   |             |            |

SB 155 Excel in CTE

Note: This online course will require testing in the JCCC Testing Center or an approved testing site.

## 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 |
|----------------------|-------|------|-------------------|----------|------------|------------|
| <b>60423</b> 500 INT | ----- | -    | 06/04/18-07/26/18 |          | Sreedhar L | 7 of 10    |

SB 155 Excel in CTE

Requirement: Department approval

## Physical Ed, Health & Rec

### HPER 104 - Yoga

This class will utilize techniques from yoga which aim to provide mind/body benefits including better posture and increased body awareness. Muscular strength and flexibility will be developed through poses and positions. This class will be geared toward all students, both beginners as well as those who have previous training. 2 hrs./wk.

**Credit Hours:** 1



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

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

| CRN           | Days    | Time           | Date              | Location | Instructor   | Seats Open |
|---------------|---------|----------------|-------------------|----------|--------------|------------|
| 60003 001 F2F | -T-R--- | 08:00-09:50 PM | 06/05/18-07/26/18 | GYM 007  | Zickefoose W | Closed     |
| 60025 004 F2F | -T-R--- | 06:00-07:50 PM | 06/05/18-07/26/18 | 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.

**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 |
|------------------|-------|------|-------------------|----------|------------|------------|
| 60032 350 ONLINE | ----- | -    | 06/04/18-07/26/18 | Online   | Bloemker M | Closed     |

Note: All assignments and tests will be online

## HPER 134 - Weight Training (Beginning)

In this class, muscular strength and endurance will be developed through weight training activity. A workout program will be implemented for each student. The muscular system, basic terminology of weight training and weight training theory will be discussed. 2 hrs./wk.

**Credit Hours:** 1

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

| CRN           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60034 001 F2F | MTWR--- | 09:00-09:50 AM | 06/04/18-07/26/18 | GYM 022  | Hall T     | Closed     |

## HPER 135 - Weight Training (Intermediate)

In this class, muscular strength and endurance will be developed. A self-designed and directed resistance workout program will be implemented. The proper use of a training log and personal fitness evaluation techniques will be discussed. 2 hrs./wk.

**Credit Hours:** 1

**Prerequisite:** HPER 134

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

| CRN           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60036 001 F2F | MTWR--- | 09:00-09:50 AM | 06/04/18-07/26/18 | GYM 022  | Hall T     | Closed     |

## HPER 155 - Ballet (Beginning)

This progressive ballet system is designed to produce muscular strength and flexibility and a working knowledge of anatomy, plus the aesthetic satisfaction of expressing yourself through a classical art form. Offered to students of all ages and experience, both beginners as well as those who have had some training. 2 hrs./wk.

**Credit Hours:** 1

**Associated Costs:** \$17 to 30

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_155](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_155))

| CRN           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60038 001 F2F | M-W---- | 01:00-02:50 PM | 06/04/18-07/25/18 | GYM 007  | Phillips D | Closed     |

## HPER 192 - Wellness for Life

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

**Credit Hours:** 1

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

| CRN              | Days  | Time | Date              | Location | Instructor | Seats Open |
|------------------|-------|------|-------------------|----------|------------|------------|
| 60055 350 ONLINE | ----- | -    | 06/04/18-07/26/18 | 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

|                  |       |   |                   |        |           |        |
|------------------|-------|---|-------------------|--------|-----------|--------|
| 60066 351 ONLINE | ----- | - | 06/04/18-07/26/18 | 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.

**Credit Hours:** 2

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_200](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_200))

| CRN           | Days    | Time           | Date              | Location | Instructor  | Seats Open |
|---------------|---------|----------------|-------------------|----------|-------------|------------|
| 60068 001 F2F | MTWR--- | 09:00-10:50 AM | 06/04/18-07/01/18 | GYM 021  | Nosworthy A | Closed     |

*KBOR Seamless Transfer*

## HPER 202 - Personal Community Health

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

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_202](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_202))

| CRN              | Days  | Time | Date              | Location | Instructor | Seats Open |
|------------------|-------|------|-------------------|----------|------------|------------|
| 60070 350 ONLINE | ----- | -    | 06/04/18-07/26/18 | Online   | Mallory L  | Closed     |

*KBOR Seamless Transfer*

Note: All assignments and tests will be online

| CRN  | Days  | Time | Date              | Location | Instructor | Seats Open |
|--|-------|------|-------------------|----------|------------|------------|
| <b>60071</b> 351 ONLNE                         | ----- | -    | 06/04/18-07/26/18 | Online   | Stinson J  | Closed     |
| <i>KBOR Seamless Transfer</i>                  |       |      |                   |          |            |            |
| Note: All assignments and tests will be online |       |      |                   |          |            |            |
| <b>60072</b> 352 ONLNE                         | ----- | -    | 06/04/18-07/26/18 | Online   | Mallory L  | Closed     |
| <i>KBOR Seamless Transfer</i>                  |       |      |                   |          |            |            |
| Note: All assignments and tests will be online |       |      |                   |          |            |            |
| <b>60073</b> 354 ONLNE                         | ----- | -    | 06/04/18-07/01/18 | Online   | Mallory L  | Closed     |
| <i>KBOR Seamless Transfer</i>                  |       |      |                   |          |            |            |
| Note: All assignments and tests will be online |       |      |                   |          |            |            |
| <b>60074</b> 355 ONLNE                         | ----- | -    | 07/02/18-07/26/18 | Online   | Mallory L  | Closed     |
| <i>KBOR Seamless Transfer</i>                  |       |      |                   |          |            |            |
| Note: All assignments and tests will be online |       |      |                   |          |            |            |

## HPER 208 - Introduction to Exercise Physiology

This introduction to exercise physiology will introduce the effects of exercise on the muscular system, the cardiovascular system and the metabolic system. The course will prepare the student in the design of and principles for an individual exercise program. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_208](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_208))

| CRN                    | Days  | Time | Date              | Location | Instructor  | Seats Open |
|------------------------|-------|------|-------------------|----------|-------------|------------|
| <b>60915</b> 350 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Brethauer S | Closed     |

## HPER 224 - Outdoor Recreation

This course introduces the student to activities that create interaction between the individual and elements of the outdoor recreational setting. Outdoor Recreation students study the fundamental basics of governmental, private and public control of recreational lands. Outdoor recreation projects include a variety of outdoor activities, such as camping, hiking, nature observation, biking, rock climbing, canoeing, skiing, map and compass, outdoor safety, and how to dress and pack for outdoor adventures. 3 hrs. lecture/wk.

**Credit Hours: 3**

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

| CRN                    | Days  | Time | Date              | Location | Instructor | Seats Open |
|------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60075</b> 350 ONLNE | ----- | -    | 06/04/18-07/26/18 | 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

|                        |       |   |                   |        |           |        |
|------------------------|-------|---|-------------------|--------|-----------|--------|
| <b>60076</b> 351 ONLNE | ----- | - | 07/02/18-07/26/18 | 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

## 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    |
|----------------------|-------|------|-------------------|----------|------------|---------------|
| <b>60077</b> 001 F2F | ----- | -    | 06/04/18-07/26/18 | GYM 103  | Dey R      | <b>Closed</b> |

*Lifetime Fitness*

Note: Lifetime Fitness I requires an initial orientation. Complete your orientation online through Canvas. Orientation must be completed within one week of the start of the course or you will be dropped for non-attendance. After the orientation, the class becomes an open-lab format. If you have further questions contact your instructor

|                        |       |   |                   |               |         |               |
|------------------------|-------|---|-------------------|---------------|---------|---------------|
| <b>60078</b> 350 ONLNE | ----- | - | 06/04/18-07/26/18 | <b>Online</b> | Brown S | <b>Closed</b> |
|------------------------|-------|---|-------------------|---------------|---------|---------------|

*Lifetime Fitness*

Note: Lifetime Fitness I requires an initial orientation. Complete your orientation online through Canvas. Orientation must be completed within one week of the start of the course or you will be dropped for non-attendance. All assignments and tests will be online. A heart rate monitor and activity tracker must be used to record exercise. For questions regarding this class, please e-mail the instructor.

## HPER 241 - Lifetime Fitness II

This course is a continuation and expansion of Lifetime Fitness I. 2 hrs./wk.

**Credit Hours: 1**

**Prerequisite:** HPER 240

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

| CRN                  | Days  | Time | Date              | Location | Instructor | Seats Open    |
|----------------------|-------|------|-------------------|----------|------------|---------------|
| <b>60079</b> 001 F2F | ----- | -    | 06/04/18-07/26/18 | GYM 103  | Hall T     | <b>Closed</b> |

*Lifetime Fitness*

## 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    |
|------------------------|---------|----------------|-------------------|---------------|------------|---------------|
| <b>60143</b> 001 F2F   | MTWR--- | 11:00-12:15 PM | 06/04/18-07/26/18 | GEB 342       | Noble T    | <b>Closed</b> |
| <b>60144</b> 351 ONLNE | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Garrett M  | <b>Closed</b> |
| <b>60145</b> 352 ONLNE | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Domoney J  | <b>Closed</b> |
| <b>60146</b> 353 ONLNE | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | McCarty L  | <b>Closed</b> |

### 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 |
|-----------------|-------|------|-------------------|----------|------------|------------|
| 60147 351 ONLNE | ----- | -    | 06/04/18-07/26/18 | 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 |
|-----------------|-------|------|-------------------|----------|------------------|------------|
| 60148 351 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Norcott-Mahany B | Closed     |

## Heating,Vent.,Air Conditioning

### HVAC 164 - EPA 608 Refrigerant Management

The student should have a complete understanding and knowledge of the characteristics of several different types of refrigerants and the correct usage. Upon completion of this course, the student should be able to pass the examination set forth by a third-party testing facility. 1 hr. lecture/wk.

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC\\_164](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_164))

| CRN           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60108 001 F2F | ----FS- | 08:00-04:00 PM | 06/15/18-06/16/18 | ITC 188  | Hendren H  | Closed     |

### HVAC 231 - HVAC Rooftop Units

Topics will include electrical controls and economizers of various rooftop units, roof curbs, installation, service, diagnosis, evacuation and charging of typical light commercial rooftop units. The student will be required to provide ANSI Z87 safety glasses and may be expected to provide other basic hand tools and/or equipment. 2 hrs. lecture and 3 hrs. lab/wk.

**Credit Hours:** 3

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

**Prerequisites:** HVAC 105 and HVAC 110

Outline ([http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC\\_231](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_231))

| CRN           | Days        | Time           | Date              | Location | Instructor | Seats Open |
|---------------|-------------|----------------|-------------------|----------|------------|------------|
| 60109 001 F2F | MTW----     | 05:30-06:50 PM | 06/04/18-07/25/18 | ATB 127  | Lamping J  | Closed     |
|               | Lab MTW---- | 07:00-08:50 PM | 06/04/18-07/25/18 | ATB 148  |            |            |

SB 155 Excel in CTE

## 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 |
|---------------|-------|------|-------------------|----------|------------|------------|
| 60110 501 INT | ----- | -    | 06/04/18-07/26/18 |          | Hendren H  | 8 of 10    |

SB 155 Excel in CTE

Requirement: Department approval

|               |       |   |                   |  |           |         |
|---------------|-------|---|-------------------|--|-----------|---------|
| 60111 503 INT | ----- | - | 06/04/18-07/26/18 |  | Hendren H | 8 of 10 |
|---------------|-------|---|-------------------|--|-----------|---------|

SB 155 Excel in CTE

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 |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60474 001 F2F | -----S- | 08:00-05:00 PM | 06/09/18-07/07/18 | ATB 127  | Burks D    | Closed     |

SB 155 Excel in CTE

### 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    |
|--|---------|----------------|-------------------|----------|------------|---------------|
| <b>60478</b> 002 F2F   | ----F-- | 09:00-10:50 AM | 06/08/18-07/27/18 | ATB 129  | Bedell T   | <b>Closed</b> |
| <i>SB 155 Excel in CTE</i><br><i>Accelerating Opportunity KS</i> |         |                |                   |          |            |               |
| <b>60479</b> 003 F2F   | -----SU | 08:00-05:00 PM | 07/14/18-07/15/18 | ATB 127  | Bedell T   | <b>Closed</b> |
| <i>Accelerating Opportunity KS</i>                               |         |                |                   |          |            |               |

## Information Technology

### IT 120 - CompTIA A+ Practical Applications

Students will gain knowledge required to install, configure and maintain software for end users. This course will also cover the basics of networking as well as networking security/forensics. Students will apply troubleshooting skills to properly and safely diagnose, resolve and document common software issues. Students will also apply appropriate customer support and soft skills, understand the basics of virtualization and examine desktop imaging and deployment. 2 hrs. lecture/wk, 2 hrs. lab/wk, 1 hr. open lab/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/it/#IT\\_120](http://catalog.jccc.edu/coursedescriptions/it/#IT_120))

| CRN   | Days    | Time           | Date              | Location | Instructor | Seats Open    |
|---|---------|----------------|-------------------|----------|------------|---------------|
| <b>60679</b> 350 ONLNE  | -----   | -              | 06/04/18-07/26/18 | Online   | Lutz A     | <b>Closed</b> |
| <i>SB 155 Excel in CTE</i><br><i>Accelerating Opportunity KS</i>  |         |                |                   |          |            |               |
| <b>60680</b> 376 HYB  | --W---- | 06:00-08:50 PM | 06/06/18-07/25/18 | RC 350   | Lutz A     | <b>Closed</b> |
|   | -----   | -              | 06/06/18-07/25/18 | Online   |            |               |
| <i>Mandatory Classroom Meetings</i><br><i>Accelerating Opportunity KS</i><br><i>SB 155 Excel in CTE</i> |         |                |                   |          |            |               |

### IT 140 - Networking Fundamentals

Networking Fundamentals is the first of four courses in the Cisco Certified Network Associate (CCNA) curriculum. This course introduces the architecture, structure, functions, components, and models of the internet and other computer networks. The principles and structure of Internet Protocol (IP) addressing and the fundamentals of Ethernet concepts, media, and operations are introduced to provide a foundation for the curriculum. By the end of the course, students will be able to build simple Local Area Network (LANs), perform basic configurations for routers and switches, and implement IP addressing schemes. 3 hrs. lecture/wk, 2 hrs. open lab/wk.

**Credit Hours: 4**

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

| CRN                        | Days    | Time           | Date              | Location | Instructor | Seats Open    |
|----------------------------|---------|----------------|-------------------|----------|------------|---------------|
| <b>60681</b> 350 ONLNE     | -----   | -              | 06/04/18-07/26/18 | Online   | Renfro T   | <b>Closed</b> |
| <i>SB 155 Excel in CTE</i> |         |                |                   |          |            |               |
| <b>60682</b> 351 ONLNE     | -----   | -              | 06/04/18-07/26/18 | Online   | Renfro T   | <b>Closed</b> |
| <i>SB 155 Excel in CTE</i> |         |                |                   |          |            |               |
| <b>60683</b> 376 HYB       | ---R--- | 09:00-11:50 AM | 06/07/18-07/26/18 | RC 350   | Syed M     | <b>Closed</b> |
|                            | -----   | -              | 06/07/18-07/26/18 | Online   |            |               |

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

Mandatory Classroom Meetings

SB 155 Excel in CTE

## 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 Routing Information Protocol (RIP), Access Control Lists (ACLs), Dynamic Host Configuration Protocol (DHCP), Network Address Translation (NAT), Virtual Local Area Networks (VLANs) and inter-VLAN routing in Internet Protocol version 4 and 6 (IPv4 and IPv6) networks. Laboratory exercises will accompany lectures. 3 hrs. lecture, 2 hrs. open lab/wk.

**Credit Hours:** 3

**Prerequisites:** IT 140

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

| CRN                    | Days  | Time | Date              | Location | Instructor | Seats Open |
|------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60684</b> 350 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Akkam M    | Closed     |

SB 155 Excel in CTE

## IT 201 - Network Security Fundamentals

This course is designed to provide an introduction to the core security concepts and skills needed for the installation, troubleshooting and monitoring of network devices to maintain the integrity, confidentiality and availability of data and devices. Topics covered include network threats, mitigation techniques, securing network devices, implementing firewall technologies, implementing intrusion prevention, securing local area networks (LANs), implementing virtual private networks (VPNs), and managing a secure network. Hands-on exercises will be used to reinforce the concepts. 2 hrs. lecture, 3 hrs. lab/wk

**Credit Hours:** 4

**Prerequisite:** IT 145

Outline ([http://catalog.jccc.edu/coursedescriptions/it/#IT\\_201](http://catalog.jccc.edu/coursedescriptions/it/#IT_201))

| CRN                    | Days  | Time | Date              | Location | Instructor | Seats Open |
|------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60685</b> 350 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Akkam M    | Closed     |

SB 155 Excel in CTE

## 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 |
|------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60686</b> 350 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Gordon J   | Closed     |

SB 155 Excel in CTE



## 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), VLAN Trunking Protocol (VTP), Spanning Tree Protocol (STP), Etherchannel, Hot Standby Redundancy Protocol (HSRP), 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 |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60687 376 HYB | --W---- | 06:00-08:50 PM | 06/06/18-07/25/18 | RC 352   | Al-Rawi A  | Closed     |
|               | -----   | -              | 06/06/18-07/25/18 | Online   |            |            |

*Mandatory Classroom Meetings*

*SB 155 Excel in CTE*

## IT 221 - Windows Server

This course is designed to provide students with the knowledge and skills to perform competently in the role of a network administrator utilizing the Windows network operating system. Students completing this course will be able to accomplish basic fundamental network management tasks, including planning server roles and subsequent requirements, planning the network file system, implementing user accounts and file system security, implementing network printing, and managing the network servers. 2 hrs. lecture, 2 hrs. instructional lab, 1 hr. open lab/wk.

**Credit Hours:** 3

**Prerequisite or Corequisite:** IT 205

Outline ([http://catalog.jccc.edu/coursedescriptions/it/#IT\\_221](http://catalog.jccc.edu/coursedescriptions/it/#IT_221))

| CRN              | Days  | Time | Date              | Location | Instructor | Seats Open |
|------------------|-------|------|-------------------|----------|------------|------------|
| 60688 350 ONLINE | ----- | -    | 06/04/18-07/26/18 | Online   | Carney R   | Closed     |

*SB 155 Excel in CTE*

Note: This will be the last semester and only section that Windows Server 2012 will be taught. Microsoft course 70-410.

## IT 228 - Exchange Server

This course is designed to provide network administrators with information that enhances their ability to manage an Exchange server network. Included are topics related to server and client mail management and server performance, e-mail concepts and advanced Internet networking. 2 hrs. lecture, 2 hrs. instructional lab, 1 hr. open lab/wk.

**Credit Hours:** 3

**Prerequisite:** IT 225

Outline ([http://catalog.jccc.edu/coursedescriptions/it/#IT\\_228](http://catalog.jccc.edu/coursedescriptions/it/#IT_228))

| CRN           | Days   | Time           | Date              | Location | Instructor | Seats Open |
|---------------|--------|----------------|-------------------|----------|------------|------------|
| 60901 376 HYB | M----- | 06:00-08:50 PM | 06/04/18-07/26/18 | RC 340   | Carney R   | Closed     |
|               | -----  | -              | 06/04/18-07/26/18 | Online   |            |            |

| CRN                                 | Days | Time | Date | Location | Instructor | Seats Open |
|-------------------------------------|------|------|------|----------|------------|------------|
| <i>Mandatory Classroom Meetings</i> |      |      |      |          |            |            |
| <i>SB 155 Excel in CTE</i>          |      |      |      |          |            |            |

## IT 230 - Linux Fundamentals

This course is designed to provide students with a fundamental understanding of the Linux operating system environment. Students successfully completing this course will be able to perform Linux installation and package management; execute common Linux commands and utilities; and accomplish different system tasks such as navigating the filesystem 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    |
|----------------------|--------|----------------|-------------------|---------------|------------|---------------|
| <b>60690</b> 376 HYB | M----- | 06:00-08:50 PM | 06/04/18-07/25/18 | RC 346        | Sien H     | <b>Closed</b> |
|                      | -----  | -              | 06/04/18-07/25/18 | <b>Online</b> |            |               |

*SB 155 Excel in CTE*

*Mandatory Classroom Meetings*

## IT 247 - Accessing Wide Area Networks

The focus of this course is on the Wide Area Network (WAN) technologies and network services required by converged applications in a complex network. In this course, students will learn the selection criteria of network devices and WAN technologies to meet network requirements. 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    |
|------------------------|-------|------|-------------------|---------------|------------|---------------|
| <b>60691</b> 350 ONLNE | ----- | -    | 06/04/18-07/26/18 | <b>Online</b> | Al-Rawi A  | <b>Closed</b> |

*SB 155 Excel in CTE*

## 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 |
|----------------------|-------|------|-------------------|----------|------------|------------|
| <b>60692</b> 500 INT | ----- | -    | 06/04/18-07/26/18 |          | Renfro T   | 2 of 5     |

*SB 155 Excel in CTE*

Requirement: Department approval

## IT 272 - Information Technology Internship II

This course is a continuation of IT 271, Internship I. It provides the student additional opportunity to apply classroom knowledge to an actual work environment. Students will work a total of 300 hours per semester at an approved job site.

**Credit Hours:** 3

**Prerequisites:** IT 271 and department approval

Outline ([http://catalog.jccc.edu/coursedescriptions/it/#IT\\_272](http://catalog.jccc.edu/coursedescriptions/it/#IT_272))

| CRN           | Days  | Time | Date              | Location | Instructor | Seats Open |
|---------------|-------|------|-------------------|----------|------------|------------|
| 60889 500 INT | ----- | -    | 06/04/18-07/26/18 |          | Renfro T   | 2 of 5     |

*SB 155 Excel in CTE*

Requirement: Department approval

## Interior Design

### ITMD 121 - Interior Design I

This course is an introduction to interior design. Upon successful completion of this course, the student should recognize the significance of interior design, apply the elements and principles of design and color theory, use the basis of the design process to solve a design problem and present design information visually and verbally in a professional manner. Finally identify the significance of sustainability in the built environment. 3 hrs. lecture/wk.

**Credit Hours:** 3

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

Outline ([http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD\\_121](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_121))

Am I ready for this course?

| CRN           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60733 001 F2F | M-W---- | 09:00-11:45 AM | 06/04/18-07/25/18 | GEB 356  | Hersch A   | Closed     |

*SB 155 Excel in CTE*

### ITMD 125 - Interior Textiles

This course is an examination of textiles used in the built environment. Upon successful completion of this course, the student should be able to differentiate fibers, yarns and textiles according to their specific characteristics and to select appropriate textiles for applications. Specific course content includes properties and characteristics of natural and man-made fibers; yarn construction, textile construction methods; and various finishing processes. Furthermore, students will study the sustainability of these textile elements. The course will concentrate on textiles designed for interior built environment applications. 3 hrs. lecture/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD\\_125](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_125))

| CRN              | Days  | Time | Date              | Location | Instructor | Seats Open |
|------------------|-------|------|-------------------|----------|------------|------------|
| 60734 351 ONLINE | ----- | -    | 06/04/18-07/26/18 | Online   | Hersch A   | Closed     |

*SB 155 Excel in CTE*

### ITMD 231 - History of Interior Design II

This course is an examination of the built environments from approximately the Renaissance to the 20th century. Upon successful completion of this course, the student will be able to analyze and compare elements of the built environment including but not limited to: architecture, interiors, furniture, ornamentation, design motifs and textiles of historical periods from the Renaissance to the 20th century. Additionally, the student should discover the social, religious and political influences on the built environment of each period. The student should also be able to identify the craftsmanship and materials used in the construction techniques of each historical period and correctly use vocabulary related to each era. 3 hrs. lecture/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD\\_231](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_231))

| CRN             | Days  | Time | Date              | Location | Instructor | Seats Open |
|-----------------|-------|------|-------------------|----------|------------|------------|
| 60735 351 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Green D    | Closed     |

*SB 155 Excel in CTE*

## 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 |
|---------------|-------|------|-------------------|----------|------------|------------|
| 60736 501 INT | ----- | -    | 06/04/18-07/26/18 |          | Kalkofen B | 14 of 20   |

*SB 155 Excel in CTE*

## 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 |
|---------------|-------|------|-------------------|----------|------------|------------|
| 60737 501 INT | ----- | -    | 06/04/18-07/26/18 |          | Kalkofen B | 18 of 20   |

*SB 155 Excel in CTE*

## 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 |
|-------------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60016</b> 350 ONLINE       | ----- | -    | 06/04/18-07/26/18 | Online   | Thum G     | Closed     |
| <i>KBOR Seamless Transfer</i> |       |      |                   |          |            |            |
| <b>60017</b> 351 ONLINE       | ----- | -    | 06/04/18-07/26/18 | Online   | Schulte M  | Closed     |
| <i>KBOR Seamless Transfer</i> |       |      |                   |          |            |            |
| <b>60897</b> 352 ONLINE       | ----- | -    | 06/04/18-07/26/18 | Online   | Thum G     | Closed     |
| <i>KBOR Seamless Transfer</i> |       |      |                   |          |            |            |

## 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 |
|----------------------|-------|------|-------------------|----------|-------------|------------|
| <b>60019</b> 500 INT | ----- | -    | 06/04/18-07/26/18 |          | Raduziner M | Full       |

NOTE: Students meet in Professor Raduziner's office in LIB 301A. For more information on Journalism internships, please contact Prof. Raduziner, [markr@jccc.edu](mailto:markr@jccc.edu).  
Requirement: Department approval

## Legal Studies

### LAW 120 - Introduction to Paralegal Studies

Upon successful completion of this course, the student should be able to describe the paralegal profession and explain the role of the paralegal in a legal environment, including necessary skills, education and training, common duties, and representative tasks. The student should be able to explain the regulation of the legal profession and ethical issues relevant to attorneys and paralegals. The student should be able to draft a professional resume and design an effective job-search strategy. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_120](http://catalog.jccc.edu/coursedescriptions/law/#LAW_120))

| CRN                     | Days  | Time | Date              | Location | Instructor | Seats Open |
|-------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60012</b> 350 ONLINE | ----- | -    | 06/04/18-07/26/18 | Online   | Fordham N  | Closed     |
| <b>60013</b> 351 ONLINE | ----- | -    | 06/04/18-07/26/18 | Online   | Manlove H  | Closed     |

### LAW 121 - Introduction to Law

Upon successful completion of this course, the student should be able to describe the structure and organization of the American legal system and explain its role, functions, and legal powers. The student should be able to explain the fundamental principles of the major subject areas of the law, including criminal law, tort law, contract law, business and employment law, family law, property law, and estate planning and probate law. 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 |
|-----------------|---------|----------------|-------------------|----------|------------|------------|
| 60014 001 F2F   | MTWR--- | 06:00-07:50 PM | 06/04/18-06/28/18 | GEB 379  | Manlove H  | Closed     |
| 60015 350 ONLNE | -----   | -              | 06/04/18-07/26/18 | Online   | Fordham N  | Closed     |

## LAW 269 - Bankruptcy Law

Upon successful completion of this course, the student should be able to explain the purpose of the federal Bankruptcy Code. The student should be able to prepare bankruptcy forms and documents, especially those related to Chapter 7, Chapter 11 and Chapter 13 bankruptcy filings. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Requirements:** Admission to the Paralegal program or department approval

Outline ([http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_269](http://catalog.jccc.edu/coursedescriptions/law/#LAW_269))

| CRN             | Days  | Time | Date              | Location | Instructor | Seats Open |
|-----------------|-------|------|-------------------|----------|------------|------------|
| 60857 350 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | McEvoy L   | Closed     |

## LAW 275 - Paralegal 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 practice experience in a legal setting. The student must complete 120 hours of work at the internship site. Obtaining an internship is the responsibility of the individual student.

**Credit Hours:** 1

**Requirements:** Admission to the Paralegal program Prerequisites: LAW 120 and LAW 121 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 |
|---------------|-------|------|-------------------|----------|------------|------------|
| 60020 500 INT | ----- | -    | 06/04/18-07/26/18 |          | Manlove H  | 6 of 8     |

## LAW 276 - Paralegal 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 practice experience in a legal setting. The student must complete 120 hours of work at the internship site. Obtaining an internship is the responsibility of the individual student.

**Credit Hours:** 1

**Requirements:** Admission to the Paralegal program 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 |
|---------------|-------|------|-------------------|----------|------------|------------|
| 60022 500 INT | ----- | -    | 06/04/18-07/26/18 |          | Manlove H  | 6 of 8     |

## Mathematics

### MATH 111 - Fundamentals of Mathematics

Fundamentals of Mathematics is designed for the student who needs to improve or review basic math skills and concepts. This course includes computation using integers, fractions, decimals, proportions and percents along with an overview of measurement, geometry, statistics and linear equations. Fundamentals of Math provides the mathematical foundation upon which subsequent studies in mathematics and other areas depend. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture/wk.

**Credit Hours:** 3

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

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

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

| CRN           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60469 010 F2F | MTWR--- | 08:00-09:15 AM | 06/04/18-07/26/18 | CLB 403  | Shehab S   | Closed     |

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 26th from 7:30 a.m. until 9:20 a.m. in the regularly scheduled classroom. The final exam start time is different than the normal class time and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it.

|                 |         |                |                   |         |           |        |
|-----------------|---------|----------------|-------------------|---------|-----------|--------|
| 60470 050 F2F   | M-W---- | 06:00-08:50 PM | 06/04/18-07/25/18 | OCB 332 | Colburn R | Closed |
| 60473 350 ONLNE | -----   | -              | 06/04/18-07/26/18 | 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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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.

|               |       |   |                   |            |        |         |
|---------------|-------|---|-------------------|------------|--------|---------|
| 60480 450 SEL | ----- | - | 06/04/18-07/25/19 | Self Paced | Deas M | 8 of 10 |
|---------------|-------|---|-------------------|------------|--------|---------|

Note: Summer students can begin their study in this self-paced math course up through July 1, 2018, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Mary Deas, at [mdeas@jccc.edu](mailto:mdeas@jccc.edu). For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/academics/math-science/mathematics/self-paced.html> (<http://www.jccc.edu/academics/math-science/mathematics/self-paced.html>)

Requirement: Department approval

### MATH 115 - Elementary Algebra

This is a beginning course in algebra, designed to help students acquire a solid foundation in the basic skills of algebra. Students will learn to simplify arithmetic and algebraic expressions, including exponential expressions, polynomials, rational expressions and radical expressions; solve equations and inequalities, including linear equations and quadratic equations; graph linear equations; and analyze linear equations. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture/wk.

**Credit Hours:** 3

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

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

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

| CRN           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60481 011 F2F | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | GEB 381  | Mages M    | Closed     |

| CRN   | Days      | Time    | Date           | Location          | Instructor | Seats Open            |
|---|-----------|---------|----------------|-------------------|------------|-----------------------|
| Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 26th from 9:30 a.m. until 11:20 p.m. in the regularly scheduled classroom. The final exam end time is different than the normal class time and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it.  |           |         |                |                   |            |                       |
| 60483   | 040 F2F   | M-W---- | 11:00-01:50 PM | 06/04/18-07/25/18 | GEB 313    | Putnam T<br>Closed    |
| 60484   | 050 F2F   | M-W---- | 06:00-08:50 PM | 06/04/18-07/25/18 | CLB 205    | Tamsamani Z<br>Closed |
| 60485   | 060 F2F   | -T-R--- | 11:00-01:50 PM | 06/05/18-07/26/18 | OCB 332    | Caldwell B<br>Closed  |
| 60487   | 350 ONLNE | -----   | -              | 06/04/18-07/26/18 | Online     | Hatcher D<br>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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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.   |           |         |                |                   |            |                       |
| 60488   | 351 ONLNE | -----   | -              | 06/04/18-07/26/18 | Online     | Lefert K<br>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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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.   |           |         |                |                   |            |                       |
| 60489   | 352 ONLNE | -----   | -              | 06/04/18-07/26/18 | Online     | Hatcher D<br>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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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.   |           |         |                |                   |            |                       |
| 60490   | 450 SEL   | -----   | -              | 06/04/18-07/25/19 | Self Paced | Deas M<br>6 of 10     |
| Note: Summer students can begin their study in this self-paced math course up through July 1, 2018, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Mary Deas, at <a href="mailto:mdeas@jccc.edu">mdeas@jccc.edu</a> . For more information and a link to the course syllabus and self-paced application see <a href="http://www.jccc.edu/academics/math-science/mathematics/self-paced.html">http://www.jccc.edu/academics/math-science/mathematics/self-paced.html</a> ( <a href="http://www.jccc.edu/academics/math-science/mathematics/self-paced.html">http://www.jccc.edu/academics/math-science/mathematics/self-paced.html</a> ) |           |         |                |                   |            |                       |
| Requirement: Department approval  |           |         |                |                   |            |                       |

## MATH 116 - Intermediate Algebra

This course focuses on arithmetic and algebraic manipulation, equations and inequalities, graphs, and analysis of equations and graphs. Students will simplify arithmetic and algebraic expressions, including those containing rational expressions, rational exponents, radicals and complex numbers; solve equations and inequalities including linear, quadratic, quadratic in form, as well as those containing rational expressions, radicals or absolute value; graph linear inequalities; and analyze functions and non-functions. 3 or 5 hrs.lecture/wk.

**Credit Hours:** 3

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

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

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

| CRN   | Days    | Time    | Date           | Location          | Instructor | Seats Open           |
|---|---------|---------|----------------|-------------------|------------|----------------------|
| 60491   | 011 F2F | MTWR--- | 08:00-09:15 AM | 06/04/18-07/26/18 | GEB 315    | Caldwell B<br>Closed |
| Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 26th from 7:30 a.m. until 9:20 a.m. in the regularly scheduled classroom. The final exam start time is different than the normal class time and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it. |         |         |                |                   |            |                      |
| 60492   | 012 F2F | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | GEB 315    | Cobb D<br>Closed     |
| Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 26th from 9:30 a.m. until 11:20 a.m. in the regularly scheduled classroom. The final exam end time is different than the normal class time and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it.  |         |         |                |                   |            |                      |



| CRN  | Days    | Time           | Date              | Location      | Instructor  | Seats Open    |
|--|---------|----------------|-------------------|---------------|-------------|---------------|
| <b>60493</b> 013 F2F   | MTWR--- | 11:00-12:15 PM | 06/04/18-07/26/18 | CLB 211       | Davis P     | <b>Closed</b> |
| Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 26th from 11:00 a.m. until 12:50 p.m. in the regularly scheduled classroom. The final exam end time is different than the normal class time and room and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it. |         |                |                   |               |             |               |
| <b>60878</b> 014 F2F   | MTWR--- | 02:00-03:15 PM | 06/04/18-07/26/18 | GEB 315       | Worthy M    | <b>Closed</b> |
| Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 26th from 2:00 p.m. until 3:50 p.m. in the regularly scheduled classroom. The final exam end time is different than the normal class time and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it.            |         |                |                   |               |             |               |
| <b>60494</b> 040 F2F   | M-W---- | 12:30-03:20 PM | 06/04/18-07/25/18 | GEB 340       | Tamsamani Z | <b>Closed</b> |
| <b>60495</b> 050 F2F   | M-W---- | 06:00-08:50 PM | 06/04/18-07/25/18 | CLB 203       | Cooper S    | <b>Closed</b> |
| <b>60496</b> 060 F2F   | -T-R--- | 08:00-10:50 AM | 06/05/18-07/26/18 | CLB 203       | Benes S     | <b>Closed</b> |
| <b>60497</b> 080 F2F   | -T-R--- | 04:30-07:20 PM | 06/05/18-07/26/18 | CLB 213       | Herken P    | <b>Closed</b> |
| <b>60498</b> 350 ONLNE   | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Barlow 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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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>60499</b> 351 ONLNE | ----- | - | 06/04/18-07/26/18 | <b>Online</b> | Lefert K | <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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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>60500</b> 352 ONLNE | ----- | - | 06/04/18-07/26/18 | <b>Online</b> | Barlow 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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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>60501</b> 353 ONLNE | ----- | - | 06/04/18-07/26/18 | <b>Online</b> | Lefert K | <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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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>60502</b> 450 SEL | ----- | - | 06/04/18-07/25/19 | <b>Self Paced</b> | Deas M | 3 of 25 |
|----------------------|-------|---|-------------------|-------------------|--------|---------|

Note: Summer students can begin their study in this self-paced math course up through July 1, 2018, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Mary Deas, at [mdeas@jccc.edu](mailto:mdeas@jccc.edu). For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/academics/math-science/mathematics/self-paced.html> (<http://www.jccc.edu/academics/math-science/mathematics/self-paced.html>)

Requirement: Department approval

## MATH 118 - Geometry

This course is an informal approach to geometry. Topics will include lines, polygons, area, volume, circles, similarity, congruence and coordinate geometry. 3 hrs. lecture/wk.

**Credit Hours:** 3

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

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

Outline ([http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_118](http://catalog.jccc.edu/coursedescriptions/math/#MATH_118))

| CRN           | Days  | Time | Date              | Location   | Instructor | Seats Open |
|---------------|-------|------|-------------------|------------|------------|------------|
| 60503 450 SEL | ----- | -    | 06/04/18-07/25/19 | Self Paced | Veer P     | 2 of 5     |

Note: Summer students can begin their study in this self-paced math course up through July 1, 2018, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Vivian Reinhard, at [vreinhard@jccc.edu](mailto:vreinhard@jccc.edu). For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/academics/math-science/mathematics/self-paced.html> (<http://www.jccc.edu/academics/math-science/mathematics/self-paced.html>)

Requirement: Department approval

## MATH 120 - Business Mathematics

This is a course for the student who needs specific skills in mathematics to address business problems and business applications. Students will learn the mathematics involved in payroll, retailing, asset valuation, interest, finance, and the time value of money. Students will use a calculator and computer to solve a variety of applications. 3 hrs. lecture/wk.

**Credit Hours:** 3

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

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

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

| CRN           | Days    | Time           | Date              | Location | Instructor   | Seats Open |
|---------------|---------|----------------|-------------------|----------|--------------|------------|
| 60504 040 F2F | M-W---- | 08:00-10:50 AM | 06/04/18-07/25/18 | OCB 332  | Wainwright F | Closed     |

*Accelerating Opportunity KS*

|               |         |                |                   |         |                   |        |
|---------------|---------|----------------|-------------------|---------|-------------------|--------|
| 60505 090 F2F | -T-R--- | 06:00-08:50 PM | 06/05/18-07/26/18 | GEB 340 | Voss-Schoonover L | Closed |
|---------------|---------|----------------|-------------------|---------|-------------------|--------|

*Accelerating Opportunity KS*

|                 |       |   |                   |        |          |        |
|-----------------|-------|---|-------------------|--------|----------|--------|
| 60880 352 ONLNE | ----- | - | 06/04/18-07/26/18 | Online | Jacobs L | Closed |
|-----------------|-------|---|-------------------|--------|----------|--------|

*Accelerating Opportunity KS*

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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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.

|                 |       |   |                   |        |          |        |
|-----------------|-------|---|-------------------|--------|----------|--------|
| 60881 353 ONLNE | ----- | - | 06/04/18-07/26/18 | Online | Jacobs L | Closed |
|-----------------|-------|---|-------------------|--------|----------|--------|

*Accelerating Opportunity KS*

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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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 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>60509</b> 010 F2F  | MTWR--- | 08:00-09:15 AM | 06/04/18-07/26/18 | CLB 205       | Keslar C     | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |              |               |
| Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 26th from 7:30 a.m. until 9:20 a.m. in the regularly scheduled classroom. The final exam start time is different than the normal class time and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it.   |         |                |                   |               |              |               |
| <b>60510</b> 011 F2F  | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | CLB 205       | Irfan S      | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |              |               |
| Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 26th from 9:30 a.m. until 11:20 a.m. in the regularly scheduled classroom. The final exam end time is different than the normal class time and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it.  |         |                |                   |               |              |               |
| <b>60511</b> 012 F2F  | MTWR--- | 11:00-12:15 PM | 06/04/18-07/26/18 | CLB 203       | Dickey S     | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |              |               |
| Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 26th from 11:00 a.m. until 12:50 p.m. in the regularly scheduled classroom. The final exam end time is different than the normal class time and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it.   |         |                |                   |               |              |               |
| <b>60512</b> 030 F2F  | MTWR--- | 12:30-01:45 PM | 06/04/18-07/26/18 | GEB 315       | Keslar C     | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |              |               |
| Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 26th from 12:00 a.m. until 1:50 p.m. in the regularly scheduled classroom. The final exam start time is different than the normal class time and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it.  |         |                |                   |               |              |               |
| <b>60513</b> 040 F2F  | M-W---- | 08:00-10:50 AM | 06/04/18-07/25/18 | GEB 340       | Cooper S     | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |              |               |
| <b>60514</b> 041 F2F  | M-W---- | 11:00-01:50 PM | 06/04/18-07/25/18 | CLB 205       | Greenwood J  | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |              |               |
| <b>60515</b> 050 F2F  | M-W---- | 04:00-06:50 PM | 06/04/18-07/25/18 | GEB 313       | Houghton J   | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |              |               |
| <b>60516</b> 060 F2F  | -T-R--- | 08:00-10:50 AM | 06/05/18-07/26/18 | OCB 332       | Wainwright F | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |              |               |
| <b>60517</b> 080 F2F  | -T-R--- | 12:30-03:20 PM | 06/05/18-07/26/18 | GEB 340       | Jaggard C    | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |              |               |
| <b>60518</b> 090 F2F  | -T-R--- | 06:00-08:50 PM | 06/05/18-07/26/18 | GEB 315       | Dickey S     | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |              |               |
| <b>60519</b> 350 ONLNE  | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Dunham J     | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |              |               |
| 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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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>60520</b> 351 ONLNE  | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Imm C        | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |              |               |
| 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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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>60521</b> 352 ONLNE  | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Imm C        | <b>Closed</b> |

| CRN   | Days  | Time | Date              | Location | Instructor | Seats Open |
|---|-------|------|-------------------|----------|------------|------------|
| <i>KBOR Seamless Transfer</i>   |       |      |                   |          |            |            |
| 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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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>60522</b> 353 ONLINE   | ----- | -    | 06/04/18-07/26/18 | Online   | Dunham J   | Closed     |

*KBOR Seamless Transfer*

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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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>60523</b> 354 ONLINE | ----- | - | 06/04/18-07/26/18 | Online | Palcic R | Closed |
|-------------------------|-------|---|-------------------|--------|----------|--------|

*KBOR Seamless Transfer*

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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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>60936</b> 355 ONLINE | ----- | - | 06/04/18-07/26/18 | Online | Barlow R | Closed |
|-------------------------|-------|---|-------------------|--------|----------|--------|

*KBOR Seamless Transfer*

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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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> 450 SEL | ----- | - | 06/04/18-07/25/19 | Self Paced | Deas M | 6 of 24 |
|----------------------|-------|---|-------------------|------------|--------|---------|

*KBOR Seamless Transfer*

Note: Summer students can begin their study in this self-paced math course up through July 1, 2018, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Vivian Reinhard, at [vreinhard@jccc.edu](mailto:vreinhard@jccc.edu). 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 |
|---|---------|----------------|-------------------|----------|------------|------------|
| <b>60525</b> 010 F2F  | MTWR--- | 08:00-09:15 AM | 06/04/18-07/26/18 | GEB 381  | Irfan S    | Closed     |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |          |            |            |
| Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 26th from 7:30 a.m. until 9:20 a.m. in the regularly scheduled classroom. The final exam start time is different than the normal class time and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it. |         |                |                   |          |            |            |
| <b>60526</b> 040 F2F  | M-W---- | 11:00-01:50 PM | 06/04/18-07/25/18 | CLB 213  | Lewis J    | Closed     |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |          |            |            |
| <b>60527</b> 090 F2F  | -T-R--- | 06:00-08:50 PM | 06/05/18-07/26/18 | OCB 332  | Houghton J | Closed     |

| CRN   | Days  | Time | Date              | Location   | Instructor | Seats Open |
|---|-------|------|-------------------|------------|------------|------------|
| <i>KBOR Seamless Transfer</i>   |       |      |                   |            |            |            |
| <b>60528</b> 350 ONLINE   | ----- | -    | 06/04/18-07/26/18 | Online     | Lewis J    | Closed     |
| <i>KBOR Seamless Transfer</i>   |       |      |                   |            |            |            |
| 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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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>60529</b> 351 ONLINE   | ----- | -    | 06/04/18-07/26/18 | Online     | Lewis J    | Closed     |
| <i>KBOR Seamless Transfer</i>   |       |      |                   |            |            |            |
| 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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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>60530</b> 450 SEL  | ----- | -    | 06/04/18-07/25/19 | Self Paced | Veer P     | 20 of 24   |
| <i>KBOR Seamless Transfer</i>   |       |      |                   |            |            |            |
| Note: Students can begin their study in this self-paced math course at any time between April 1, 2018 and June 30, 2018, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor Phil Veer, at pveer@jccc.edu. For more information and a link to the course syllabus and self-paced application see <a href="http://www.jccc.edu/mathematics/self-paced.html">http://www.jccc.edu/mathematics/self-paced.html</a> ( <a href="http://www.jccc.edu/mathematics/self-paced.html">http://www.jccc.edu/mathematics/self-paced.html</a> )        |       |      |                   |            |            |            |
| Requirement: Department approval  |       |      |                   |            |            |            |

## MATH 173 - Precalculus

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. Prerequisite: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.

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 |
|----------------------|---------|----------------|-------------------|----------|------------|------------|
| <b>60531</b> 010 F2F | MTWR--- | 08:00-10:15 AM | 06/04/18-07/26/18 | GEB 313  | Haehl 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 |
|---------------|---------|----------------|-------------------|----------|--------------|------------|
| 60532 040 F2F | M-W---- | 11:00-01:50 PM | 06/04/18-07/25/18 | OCB 332  | Wainwright F | 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 |
|---|---------|----------------|-------------------|----------|-------------|------------|
| 60534 011 F2F   | MTWR--- | 08:00-09:15 AM | 06/04/18-07/26/18 | CLB 209  | Haverhals E | Closed     |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |          |             |            |
| Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 26th from 7:30 a.m. until 9:20 a.m. in the regularly scheduled classroom. The final exam start time is different than the normal class time and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it.   |         |                |                   |          |             |            |
| 60535 012 F2F   | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | CLB 213  | Haverhals E | Closed     |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |          |             |            |
| Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 26th from 9:00 a.m. until 10:50 a.m. in the regularly scheduled classroom. The final exam start time is different than the normal class time and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it.  |         |                |                   |          |             |            |
| 60536 040 F2F   | M-W---- | 12:30-03:20 PM | 06/04/18-07/25/18 | CLB 209  | Haverhals E | Closed     |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |          |             |            |
| 60537 050 F2F   | M-W---- | 06:00-08:50 PM | 06/04/18-07/25/18 | CLB 213  | Shehab S    | Closed     |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |          |             |            |
| 60538 060 F2F   | -T-R--- | 11:00-01:50 PM | 06/05/18-07/26/18 | CLB 213  | Sutherlin C | Closed     |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |          |             |            |
| 60541 350 ONLNE   | -----   | -              | 06/04/18-07/26/18 | Online   | Cooper B    | Closed     |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |          |             |            |
| 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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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. |         |                |                   |          |             |            |
| 60542 351 ONLNE   | -----   | -              | 06/04/18-07/26/18 | Online   | Palcic R    | Closed     |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |          |             |            |
| 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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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. |         |                |                   |          |             |            |
| 60543 352 ONLNE   | -----   | -              | 06/04/18-07/26/18 | Online   | Jacobs L    | Closed     |

| CRN   | Days | Time | Date | Location | Instructor | Seats Open |
|---|------|------|------|----------|------------|------------|
| <i>KBOR Seamless Transfer</i>   |      |      |      |          |            |            |
| 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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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>60544</b>  | 353 ONLINE | ----- | - | 06/04/18-07/26/18 | Online | Gibbs A | Closed |
| <i>KBOR Seamless Transfer</i>   |            |       |   |                   |        |         |        |
| 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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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>60547</b>  | 356 ONLINE | ----- | - | 06/04/18-07/26/18 | Online | Palcic R | Closed |
| <i>KBOR Seamless Transfer</i>   |            |       |   |                   |        |          |        |
| 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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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>60548</b>  | 357 ONLINE | ----- | - | 06/04/18-07/26/18 | Online | Cooper B | Closed |
| <i>KBOR Seamless Transfer</i>   |            |       |   |                   |        |          |        |
| 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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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>60553</b>  | 450 SEL | ----- | - | 06/04/18-07/25/19 | Self Paced | Veer P | 1 of 29 |
| <i>KBOR Seamless Transfer</i>   |         |       |   |                   |            |        |         |
| Note: Summer students can begin their study in this self-paced math course up through July 1, 2018, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor Phil Veer, at pveer@jccc.edu. For more information and a link to the course syllabus and self-paced application see <a href="http://www.jccc.edu/academics/math-science/mathematics/self-paced.html">http://www.jccc.edu/academics/math-science/mathematics/self-paced.html</a> ( <a href="http://www.jccc.edu/academics/math-science/mathematics/self-paced.html">http://www.jccc.edu/academics/math-science/mathematics/self-paced.html</a> ) |         |       |   |                   |            |        |         |
| Requirement: Department approval  |         |       |   |                   |            |        |         |

## MATH 231 - Business and Applied Calculus I

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

**Credit Hours:** 3

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

**Prerequisites:** MATH 171 or MATH 173 with a grade of "C" or higher or an appropriate score on a placement test

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

| CRN   | Days    | Time    | Date           | Location          | Instructor | Seats Open |        |
|---|---------|---------|----------------|-------------------|------------|------------|--------|
| <b>60876</b>  | 010 F2F | MTWR--- | 02:00-03:15 PM | 06/04/18-07/26/18 | OCB 332    | Shehab S   | Closed |
| <i>KBOR Seamless Transfer</i>   |         |         |                |                   |            |            |        |
| Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 26th from 2:00 p.m. until 3:50 p.m. in the regularly scheduled classroom. The final exam end time is different than the normal class time may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it. |         |         |                |                   |            |            |        |

|                               |         |         |                |                   |         |             |        |
|-------------------------------|---------|---------|----------------|-------------------|---------|-------------|--------|
| <b>60554</b>                  | 040 F2F | M-W---- | 08:00-10:50 AM | 06/04/18-07/25/18 | CLB 203 | Sutherlin C | Closed |
| <i>KBOR Seamless Transfer</i> |         |         |                |                   |         |             |        |

| CRN   | Days    | Time           | Date              | Location      | Instructor  | Seats Open    |
|---|---------|----------------|-------------------|---------------|-------------|---------------|
| <b>60555</b> 050 F2F  | M-W---- | 04:30-07:20 PM | 06/04/18-07/25/18 | GEB 340       | Sutherlin C | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |             |               |
| <b>60556</b> 060 F2F  | -T-R--- | 08:00-10:50 AM | 06/05/18-07/26/18 | GEB 340       | Palmer B    | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |             |               |
| <b>60557</b> 061 F2F  | -T-R--- | 11:00-01:50 PM | 06/05/18-07/26/18 | GEB 313       | Hatcher D   | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |             |               |
| <b>60558</b> 090 F2F  | -T-R--- | 06:00-08:50 PM | 06/05/18-07/26/18 | GEB 313       | Haehl M     | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |             |               |
| <b>60559</b> 350 ONLNE  | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Dunham J    | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |             |               |
| 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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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> 351 ONLNE  | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Imm C       | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |             |               |
| 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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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> 352 ONLNE  | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Irfan S     | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |               |             |               |
| 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 exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. 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    |
|----------------------|---------|----------------|-------------------|----------|------------|---------------|
| <b>60562</b> 090 F2F | -T-R--- | 06:00-08:50 PM | 06/05/18-07/26/18 | CLB 205  | Dunham J   | <b>Closed</b> |

## MATH 241 - Calculus I

This is the first of a three-semester sequence on calculus designed for engineering, physics and math majors. Rates of change and areas will be studied. To accomplish this, the students will study and apply limits and continuity. Differentiation and integration of algebraic, trigonometric and transcendental functions will also be a major focus of this course. 5 hrs. lecture/wk.

**Credit Hours:** 5



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

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

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

| CRN                           | Days    | Time           | Date              | Location          | Instructor | Seats Open    |
|-------------------------------|---------|----------------|-------------------|-------------------|------------|---------------|
| <b>60563</b> 001 F2F          | MTWR--- | 08:00-10:15 AM | 06/04/18-07/26/18 | CLB 207           | Balman B   | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |                   |            |               |
| <b>60564</b> 002 F2F          | MTWR--- | 11:00-01:15 PM | 06/04/18-07/26/18 | CLB 207           | Balman B   | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |                   |            |               |
| <b>60565</b> 003 F2F          | MTWR--- | 01:30-03:45 PM | 06/04/18-07/26/18 | CLB 207           | Dickey S   | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |                   |            |               |
| <b>60566</b> 004 F2F          | MTWR--- | 06:00-08:15 PM | 06/04/18-07/26/18 | CLB 207           | Baldwin R  | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |                   |            |               |
| <b>60567</b> 450 SEL          | -----   | -              | 06/04/18-07/25/19 | <b>Self Paced</b> | Veer P     | 18 of 37      |

*KBOR Seamless Transfer*

Note: Summer students can begin their study in this self-paced math course up through July 1, 2018, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor Phil Veer, at [pveer@jccc.edu](mailto:pveer@jccc.edu). For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/academics/math-science/mathematics/self-paced.html> (<http://www.jccc.edu/academics/math-science/mathematics/self-paced.html>)

Requirement: Department approval

## MATH 242 - Calculus II

This is the second course of a three-semester sequence on calculus. Integration is covered with an emphasis on analytical, numerical, and graphical methods. Techniques of integration are used to solve scientific and geometric applications. Infinite series are analyzed for convergence and applied to the representation of functions. 5 hrs. lecture/wk.

**Credit Hours:** 5

**Prerequisite:** MATH 241 with a grade of "C" or higher

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

| CRN                  | Days    | Time           | Date              | Location | Instructor | Seats Open    |
|----------------------|---------|----------------|-------------------|----------|------------|---------------|
| <b>60568</b> 001 F2F | MTWR--- | 09:30-11:45 AM | 06/04/18-07/26/18 | CLB 403  | Grondahl R | <b>Closed</b> |
| <b>60569</b> 002 F2F | MTWR--- | 01:30-03:45 PM | 06/04/18-07/26/18 | CLB 403  | Grondahl R | <b>Closed</b> |
| <b>60570</b> 003 F2F | MTWR--- | 06:00-08:15 PM | 06/04/18-07/26/18 | CLB 403  | McCoy M    | <b>Closed</b> |

## 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 |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60571 001 F2F | MTWR--- | 08:00-10:15 AM | 06/04/18-07/26/18 | CLB 211  | Church J   | Closed     |
| 60572 002 F2F | MTWR--- | 01:30-03:45 PM | 06/04/18-07/26/18 | CLB 211  | Valle C    | Closed     |
| 60877 003 F2F | MTWR--- | 06:00-08:15 PM | 06/04/18-07/26/18 | CLB 211  | Valle C    | 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 |
|---------------|---------|----------------|-------------------|----------|---------------|------------|
| 60573 090 F2F | -T-R--- | 06:00-08:50 PM | 06/05/18-07/26/18 | CLB 203  | Westermayer E | 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 |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60574 040 F2F | MTWR--- | 01:00-02:50 PM | 06/04/18-07/26/18 | CLB 203  | McCoy M    | 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 |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60575 010 F2F | MTWR--- | 09:30-11:20 AM | 06/04/18-07/26/18 | CLB 209  | Keslar C   | Closed     |
| 60576 012 F2F | MTWR--- | 06:00-07:50 PM | 06/04/18-07/26/18 | CLB 209  | Hall S     | 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 |
|---------------|-------------|----------------|-------------------|----------|------------|------------|
| 60117 001 F2F | MTWRF--     | 12:30-01:20 PM | 06/04/18-06/29/18 | ATB 127  | Crompton S | Closed     |
|               | Lab MTWRF-- | 01:30-04:30 PM | 06/04/18-06/29/18 | ATB 150  |            |            |

*SB 155 Excel in CTE*

### 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 |
|---------------|-------------|----------------|-------------------|----------|------------|------------|
| 60122 001 F2F | MTWRF--     | 07:30-08:20 AM | 06/04/18-06/29/18 | ATB 127  | Crompton S | Closed     |
|               | Lab MTWRF-- | 08:30-11:30 AM | 06/04/18-06/29/18 | ATB 150  |            |            |

*SB 155 Excel in CTE*

## 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 |
|-----------------|-------|------|-------------------|----------|------------|------------|
| 60202 350 ONLNE | ----- | -    | 06/04/18-07/23/18 | Online   | Kraus A    | Closed     |

*SB 155 Excel in CTE*

## MIRM 148 - Medical Coding Internship

This internship provides students with real-world coding experience in a healthcare facility. Students will shadow professional coders, as well as practice coding for a 40-hour work week. This internship also introduces students to various departments and professionals whose job functions relate to the work of medical coders through tours and interviews in the healthcare facility, with approximately 8 hours spent in this capacity. Students will prepare a daily journal describing their internship experiences. This internship includes 48 hours of internship responsibilities. A background check will be conducted on each student for internship placement purposes. Some healthcare facilities may require TB skin tests and/or drug screens for interns.

Note: Students must complete all other required certificate coursework with a 'C' or higher grade to enroll in this course.

**Credit Hours: 1**

**Prerequisite or Corequisite:** MIRM 146 and department approval

Outline ([http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM\\_148](http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_148))

| CRN           | Days  | Time | Date              | Location | Instructor | Seats Open |
|---------------|-------|------|-------------------|----------|------------|------------|
| 60836 500 INT | ----- | -    | 06/04/18-07/26/18 |          | Kraus A    | 1 of 2     |

*SB 155 Excel in CTE*

Requirement: Department approval

## Marketing Management

### MKT 134 - Professional Selling

Upon successful completion of this course, the student should be able to describe the process of successful selling. In addition, the student should be able to define the steps of selling and identify appropriate application. The student should also be able to apply selling principles through role-play. Students who have received credit for MKT 133 may not receive credit for MKT 134. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/mkt/#MKT\\_134](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_134))

| CRN             | Days  | Time | Date              | Location | Instructor | Seats Open |
|-----------------|-------|------|-------------------|----------|------------|------------|
| 60004 350 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Hulen P    | Closed     |

*SB 155 Excel in CTE*

### MKT 146 - Introduction to Social Media Marketing

Students in this course will survey usage of social media for marketing purposes. This course will study the relevance and importance of new and emerging marketing processes within social media. Students will analyze basic practical social media as well as learn "best practices" and use different social media throughout the class to create content. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/mkt/#MKT\\_146](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_146))

| CRN                     | Days  | Time | Date              | Location | Instructor | Seats Open |
|-------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60005</b> 350 ONLINE | ----- | -    | 06/04/18-07/26/18 | Online   | Spilde B   | Closed     |

SB 155 Excel in CTE

## 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 |
|-------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60006</b> 350 ONLINE | ----- | -    | 06/04/18-07/26/18 | Online   | Lundeen S  | 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 |
|-------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60007</b> 350 ONLINE | ----- | -    | 06/04/18-07/26/18 | Online   | Hulen P    | Closed     |

SB 155 Excel in CTE

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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

|                         |       |   |                   |        |           |        |
|-------------------------|-------|---|-------------------|--------|-----------|--------|
| <b>60008</b> 351 ONLINE | ----- | - | 06/04/18-07/26/18 | Online | Millard B | Closed |
|-------------------------|-------|---|-------------------|--------|-----------|--------|

SB 155 Excel in CTE

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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

|                         |       |   |                   |        |         |        |
|-------------------------|-------|---|-------------------|--------|---------|--------|
| <b>60009</b> 352 ONLINE | ----- | - | 07/02/18-07/26/18 | Online | Hulen P | Closed |
|-------------------------|-------|---|-------------------|--------|---------|--------|

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

*SB 155 Excel in CTE*

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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

## 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 |
|----------------------|-------|------|-------------------|----------|------------|------------|
| <b>60010</b> 500 INT | ----- | -    | 06/04/18-07/26/18 |          | Millard B  | 7 of 8     |

*SB 155 Excel in CTE*

## 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 |
|----------------------|-------|------|-------------------|----------|------------|------------|
| <b>60011</b> 500 INT | ----- | -    | 06/04/18-07/26/18 |          | Millard B  | 8 of 8     |

*SB 155 Excel in CTE*

## 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))

| CRN                     | Days    | Time           | Date              | Location | Instructor | Seats Open |
|-------------------------|---------|----------------|-------------------|----------|------------|------------|
| <b>60802</b> 001 F2F    | M-W---- | 10:00-11:50 AM | 06/04/18-07/25/18 | OCB 144  | Peters C   | Closed     |
| <b>60799</b> 351 ONLINE | -----   | -              | 06/04/18-07/26/18 | Online   | Scott S    | Closed     |

| CRN              | Days  | Time | Date              | Location | Instructor | Seats Open |
|------------------|-------|------|-------------------|----------|------------|------------|
| 60801 353 ONLINE | ----- | -    | 06/04/18-07/26/18 | Online   | Brown D    | Closed     |

## MUS 125 - Introduction to Jazz Listening

This is an entry-level course for the student with little or no prior knowledge of the American art form of jazz music. Through reading and listening, the student will learn the basic structure of the elements of music and how these are organized to create jazz. Topics to be covered will include rhythm, harmony, and form; Dixieland style; swing style; bop; and contemporary jazz. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_125](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_125))

| CRN              | Days  | Time | Date              | Location | Instructor | Seats Open |
|------------------|-------|------|-------------------|----------|------------|------------|
| 60890 351 ONLINE | ----- | -    | 06/04/18-07/26/18 | Online   | Heinlein R | Closed     |

## MUS 128 - History of Rock and Roll Music

Through the study of the history of Rock and Roll music, students will discover how the various styles and structures of Rock have evolved, and how these styles reflected the social and cultural events in each stylistic era. By studying this history the students will also learn about the major Rock artists and what their contributions were to the development of the art form and the social climate in which the artist lived. The course will also address the role of technology on the development of the music and the music business. 3 hrs. lecture/wk.

**Credit Hours: 3**

**Associated Costs: \$0 to \$45**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_128](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_128))

| CRN              | Days  | Time | Date              | Location | Instructor | Seats Open |
|------------------|-------|------|-------------------|----------|------------|------------|
| 60803 351 ONLINE | ----- | -    | 06/04/18-07/26/18 | Online   | Fitzer H   | 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 |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60804 001 F2F | ----S-  | 09:00-12:50 PM | 06/09/18-07/21/18 | OCB 108  | Ransom T   | Closed     |
| 60805 002 F2F | -T-R--- | 10:00-11:50 AM | 06/05/18-07/26/18 | OCB 108  | Ransom T   | Closed     |

## MUS 160 - Recording Studio Lab

This course is designed for students interested in learning how to work in a digital recording studio. Students will prepare for and conduct recording sessions and mix down sessions. Students will gain real world, hands-on experience as a studio musician, audio engineer and musical producer. 2 1/2 hrs. integrated lecture lab/wk.

**Credit Hours: 2**

**Associated Costs:** \$20 - 100

**Prerequisite:** MUS 158

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_160](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_160))

| CRN           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60807 001 F2F | -T-R--- | 12:00-02:20 PM | 06/05/18-07/26/18 | OCB 108  | Ransom T   | 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 |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60808 001 F2F | M-W---- | 11:00-12:45 PM | 06/04/18-07/25/18 | OCB 362  | Pretzel M  | Closed     |

## 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 and older adult. Learning environments will include both classroom and simulated lab setting.

**Credit Hours:** 3

**Requirements:** Admission to Nursing Program Corequisite: NURS 100

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

| CRN           | Days    | Time           | Date              | Location | Instructor   | Seats Open |
|---------------|---------|----------------|-------------------|----------|--|------------|
| 60884 376 HYB | -T----- | 08:00-02:00 PM | 05/22/18-05/22/18 | CLB 111  | Deines W<br>Shank L<br>Aks N<br>Carver K<br>LaMartina K<br>Barlett M<br>Ronnebaum E<br>Lanier N<br>Ritter M<br>McNally J<br>Vraich P<br>Quinn R<br>Gilbert T<br>Vezendan C<br>Schull H | Closed     |
|               | ----F-- | 08:00-01:00 PM | 05/25/18-05/25/18 | CLB 111  |  |            |



| CRN | Days    | Time           | Date              | Location | Instructor | Seats Open |
|-----|---------|----------------|-------------------|----------|------------|------------|
|     | ----F-- | 08:00-11:00 AM | 06/01/18-06/01/18 | CLB 111  |            |            |
|     | ----F-- | 08:00-12:00 PM | 06/08/18-06/08/18 | CLB 111  |            |            |
|     | ----F-- | 08:00-12:00 PM | 06/15/18-06/15/18 | CLB 111  |            |            |
|     | ----F-- | 08:00-12:00 PM | 06/22/18-06/22/18 | CLB 111  |            |            |
|     | ---R--- | 09:00-12:00 PM | 06/28/18-06/28/18 | CLB 111  |            |            |

SB 155 Excel in CTE

## 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 and Prerequisites: BIOL 144 and BIOL 227 and ENGL 121 and MATH 171 and PSYC 218  
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    |
|----------------------|---------|----------------|-------------------|----------|--|---------------|
| <b>60886</b> 001 F2F | M-----  | 08:00-03:00 PM | 05/21/18-05/21/18 | CLB 111  | Deines W<br>Shank L<br>Aks N<br>Carver K<br>LaMartina K<br>Barlett M<br>Ronnebaum E<br>Lanier N<br>Ritter M<br>McNally J<br>Vraich P<br>Quinn R<br>Gilbert T<br>Vezendan C<br>Schull H<br>Randolph J | <b>Closed</b> |
|                      | ---R--- | 08:00-04:00 PM | 05/24/18-05/24/18 | CLB 111  |  |               |
|                      | -T----- | 08:00-02:00 PM | 05/29/18-05/29/18 | CLB 111  |  |               |
|                      | --W---- | 08:00-04:00 PM | 05/30/18-05/30/18 | CLB 111  |  |               |
|                      | M-----  | 08:00-03:00 PM | 06/04/18-06/04/18 | CLB 111  |  |               |
|                      | -T----- | 08:00-02:00 PM | 06/05/18-06/05/18 | CLB 111  |  |               |
|                      | --W---- | 08:00-01:00 PM | 06/06/18-06/06/18 | CLB 111  |  |               |
|                      | M-----  | 08:00-03:00 PM | 06/11/18-06/11/18 | CLB 111  |  |               |
|                      | -T----- | 08:00-01:00 PM | 06/12/18-06/12/18 | CLB 111  |  |               |
|                      | --W---- | 08:00-02:00 PM | 06/13/18-06/13/18 | CLB 111  |  |               |
|                      | ---R--- | 08:00-02:00 PM | 06/14/18-06/14/18 | CLB 111  |  |               |
|                      | M-----  | 08:00-01:00 PM | 06/18/18-06/18/18 | CLB 111  |  |               |

| CRN | Days   | Time           | Date              | Location | Instructor | Seats Open |
|-----|--------|----------------|-------------------|----------|------------|------------|
|     | M----- | 08:00-11:30 AM | 06/25/18-06/25/18 | CLB 111  |            |            |

SB 155 Excel in CTE

## 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))

| CRN                           | Days    | Time           | Date              | Location | Instructor | Seats Open    |
|-------------------------------|---------|----------------|-------------------|----------|------------|---------------|
| <b>60365</b> 001 F2F          | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | GEB 317  | Conrad O   | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |               |
| <b>60366</b> 002 F2F          | -T-R--- | 06:00-08:30 PM | 06/05/18-07/26/18 | GEB 317  | Quillen L  | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |               |
| <b>60367</b> 351 ONLNE        | -----   | -              | 06/04/18-07/26/18 | Online   | Jones A    | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |               |
| <b>60368</b> 352 ONLNE        | -----   | -              | 06/04/18-07/26/18 | Online   | Jones A    | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |               |

### PHIL 124 - Logic and Critical Thinking ▶

This course examines the basic elements of formal and informal reasoning. Topics include the elements of argumentative discourse, informal fallacies, inductive and deductive arguments, and propositional logic. The class also focuses on the analysis and evaluation of argumentative discourse in a variety of everyday and academic contexts. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/phil/#PHIL\\_124](http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_124))

| CRN                           | Days  | Time | Date              | Location | Instructor | Seats Open    |
|-------------------------------|-------|------|-------------------|----------|------------|---------------|
| <b>60370</b> 351 ONLNE        | ----- | -    | 06/04/18-07/26/18 | Online   | Musil B    | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |       |      |                   |          |            |               |

### PHIL 140 - Business Ethics

Business Ethics is a branch of applied ethics that attempts to understand, evaluate and critique business practices in the light of moral principles and values. This course introduces students to important elements of moral theory as well as main topics in Business Ethics, including the fiduciary duty of managers, outsourcing, corporate responsibility, whistleblowing, income smoothing, insider trading, sole-source procurements and kickbacks, conflicts of interest, legitimate vs. illegitimate write-offs, deception in advertising and marketing, responsibility to the environment, pay for corporate personnel, and interpersonal relationships in the workplace, among others. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/phil/#PHIL\\_140](http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_140))

| CRN             | Days  | Time | Date              | Location | Instructor | Seats Open |
|-----------------|-------|------|-------------------|----------|------------|------------|
| 60373 351 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Arp R      | Closed     |

## PHIL 143 - Ethics

This course provides a systematic and critical study of values related to human conduct. It focuses on both traditional standards of ethical conduct and qualities of personal character. What we hold to be right or wrong, the basis for believing so, and what we consider to be virtues or vices are examined with an eye to understanding our current ethical situation. 3 hrs. lecture/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/phil/#PHIL\\_143](http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_143))

| CRN                           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|-------------------------------|---------|----------------|-------------------|----------|------------|------------|
| 60374 001 F2F                 | MTWR--- | 12:30-01:45 PM | 06/04/18-07/26/18 | GEB 317  | Conrad O   | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| 60380 002 F2F                 | -T-R--- | 06:00-08:30 PM | 06/05/18-07/26/18 | GEB 342  | Hsiao T    | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| 60382 351 ONLNE               | -----   | -              | 06/04/18-07/26/18 | Online   | Jones A    | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| 60384 352 ONLNE               | -----   | -              | 06/04/18-07/26/18 | Online   | Arjo D     | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| 60386 353 ONLNE               | -----   | -              | 06/04/18-07/26/18 | Online   | Arp R      | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |

## PHIL 155 - Bioethics

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

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

**Credit Hours:** 3

**Prerequisite:** BIOL 121 or high school biology with department approval

Outline ([http://catalog.jccc.edu/coursedescriptions/phil/#PHIL\\_155](http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_155))

| CRN             | Days  | Time | Date              | Location | Instructor | Seats Open |
|-----------------|-------|------|-------------------|----------|------------|------------|
| 60893 350 ONLNE | ----- | -    | 06/04/18-07/01/18 | Online   | Williams D | Closed     |

Note: Accelerated 4-week course.

## 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 |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60192 001 F2F | -TWR--- | 08:00-11:50 AM | 06/05/18-07/26/18 | 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 |
|-----------------|---------|----------------|-------------------|----------|------------|------------|
| 60193 001 F2F   | -TWR--- | 01:00-04:50 PM | 06/05/18-07/26/18 | ATB 139  | Heying P   | Closed     |
| 60194 002 F2F   | -TWR--- | 06:00-09:50 PM | 06/05/18-07/26/18 | ATB 135  | Sands C    | Closed     |
| 60195 351 ONLNE | -----   | -              | 06/04/18-07/26/18 | Online   | Nichols M  | Closed     |

## Physics

### PHYS 130 - College Physics I

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

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

**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 |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60383 001 F2F | MTWR--- | 08:00-09:50 AM | 06/04/18-07/26/18 | SCI 122  | Weaver L   | Closed     |

| CRN                           | Days        | Time           | Date              | Location | Instructor | Seats Open    |
|-------------------------------|-------------|----------------|-------------------|----------|------------|---------------|
|                               | Lab -T-R--- | 10:00-12:50 PM | 06/05/18-07/26/18 | SCI 121  |            |               |
| <i>KBOR Seamless Transfer</i> |             |                |                   |          |            |               |
| <b>60385</b> 002 F2F          | MTWR---     | 12:00-01:50 PM | 06/04/18-07/26/18 | SCI 122  | Martinez D | <b>Closed</b> |
|                               | Lab -T-R--- | 02:00-04:50 PM | 06/05/18-07/26/18 | SCI 121  |            |               |
| <i>KBOR Seamless Transfer</i> |             |                |                   |          |            |               |

## 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    |
|-------------------------------|-------------|----------------|-------------------|----------|------------|---------------|
| <b>60387</b> 001 F2F          | MTWR---     | 12:00-01:50 PM | 06/04/18-07/26/18 | SCI 120  | Strecker R | <b>Closed</b> |
|                               | Lab M-W---- | 02:00-04:50 PM | 06/04/18-07/25/18 | SCI 117  |            |               |
| <i>KBOR Seamless Transfer</i> |             |                |                   |          |            |               |
| <b>60388</b> 050 F2F          | M-W----     | 06:00-06:50 PM | 06/04/18-07/25/18 | SCI 120  | Strecker R | <b>Closed</b> |
|                               | Lab M-W---- | 07:00-09:50 PM | 06/04/18-07/25/18 | SCI 117  |            |               |
|                               | -T-R---     | 06:00-08:50 PM | 06/05/18-07/26/18 | SCI 120  |            |               |
| <i>KBOR Seamless Transfer</i> |             |                |                   |          |            |               |

## 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    |
|-------------------------------|-------------|----------------|-------------------|----------|------------|---------------|
| <b>60392</b> 001 F2F          | M-W----     | 08:00-10:50 AM | 06/04/18-07/25/18 | SCI 120  | Stites R   | <b>Closed</b> |
|                               | -T-R---     | 08:00-08:50 AM | 06/05/18-07/26/18 | SCI 120  |            |               |
|                               | Lab -T-R--- | 09:00-11:50 AM | 06/05/18-07/26/18 | SCI 117  |            |               |
| <i>KBOR Seamless Transfer</i> |             |                |                   |          |            |               |
| <b>60393</b> 002 F2F          | M-W----     | 12:00-02:50 PM | 06/04/18-07/25/18 | SCI 124  | Thuma R    | <b>Closed</b> |

| CRN        | Days    | Time           | Date              | Location | Instructor | Seats Open |
|------------|---------|----------------|-------------------|----------|------------|------------|
|            | -T-R--- | 12:00-12:50 PM | 06/05/18-07/26/18 | SCI 124  |            |            |
| <b>Lab</b> | -T-R--- | 01:00-03:50 PM | 06/05/18-07/26/18 | SCI 117  |            |            |

KBOR Seamless Transfer

## Practical Nursing

### PN 125 - KSPN Foundations of Nursing

This course utilizes the nursing standards of practice based on principles of biology, psychosocial, spiritual and cultural to meet the needs of clients throughout the lifespan. Emphasis is placed on basic nursing skills, client safety and therapeutic communication. Concepts and skills are enhanced in subsequent courses. 60 hrs lecture/semester

**Credit Hours:** 4

**Requirements:** Admission to the Practical Nursing Program, Corequisite: PN 126

Outline ([http://catalog.jccc.edu/coursedescriptions/pn/#PN\\_125](http://catalog.jccc.edu/coursedescriptions/pn/#PN_125))

| CRN                  | Days    | Time           | Date              | Location | Instructor | Seats Open    |
|----------------------|---------|----------------|-------------------|----------|------------|---------------|
| <b>60872</b> 201 F2F | M-W---- | 05:30-09:30 PM | 06/04/18-07/25/18 | OHEC 209 | Luoma E    | <b>Closed</b> |

SB 155 Excel in CTE

### PN 126 - KSPN Foundations of Nursing Clinical

The art and science of nursing are explored in this clinical course. Emphasis is placed on the nursing process, cultural and spiritual awareness, communication, data collection, performance of basic nursing skills and documentation. Principles of safe medication administration are introduced. 90 clinical hrs./semester

**Credit Hours:** 2

**Requirements:** Admission to the Practical Nursing Program, Corequisite: PN 125

Outline ([http://catalog.jccc.edu/coursedescriptions/pn/#PN\\_126](http://catalog.jccc.edu/coursedescriptions/pn/#PN_126))

| CRN                  | Days    | Time           | Date              | Location | Instructor  | Seats Open    |
|----------------------|---------|----------------|-------------------|----------|---|---------------|
| <b>60873</b> 203 F2F | ---R--- | 05:30-09:30 PM | 06/07/18-07/26/18 | OHEC 207 | Ferreira A<br>Rettig R<br>Radom V<br>Zinchak B<br>Wray K<br>Luoma E | <b>Closed</b> |
|                      | ----S-  | 08:00-04:00 PM | 06/16/18-07/28/18 | OHEC 207 |   |               |
|                      | -----U  | 08:00-04:00 PM | 06/17/18-07/29/18 | OHEC 207 |   |               |

SB 155 Excel in CTE


### PN 145 - KSPN Mental Health Nursing

This course explores basic concepts and trends in mental health nursing. Therapeutic modalities and client behavior management are discussed. Emphasis is placed on using the nursing process and meeting the basic human needs of the mental health client. 30 hrs. lecture/semester

**Credit Hours:** 2

**Requirements:** Admission to the Practical Nursing Program Prerequisites: PN 130 with a grade of "C" or higher and PN 131 with a passing grade and PN 135 with a grade of "C" or higher

[Outline \(http://catalog.jccc.edu/coursedescriptions/pn/#PN\\_145\)](http://catalog.jccc.edu/coursedescriptions/pn/#PN_145)

| CRN           | Days    | Time           | Date              | Location   | Instructor | Seats Open |
|---------------|---------|----------------|-------------------|--|------------|------------|
| 60874 030 F2F | -T----- | 05:30-09:30 PM | 06/05/18-07/24/18 |  OHEC 209 | Luoma E    | Closed     |

*SB 155 Excel in CTE*

## PN 146 - Mental Health Nursing Clinical

This clinical course explores basic concepts and trends in mental health nursing. Therapeutic modalities and client behavior management are discussed. Emphasis is placed on using the nursing process and meeting the basic human needs of the mental health client. 45 hrs. clinical/semester

**Credit Hours:** 1

**Requirements:** Admission to the Practical Nursing Program, Prerequisites: PN 130 with a grade of "C" or higher and PN 131 with a passing grade and PN 135 with a grade of "C" or higher Corequisite: PN 145

[Outline \(http://catalog.jccc.edu/coursedescriptions/pn/#PN\\_146\)](http://catalog.jccc.edu/coursedescriptions/pn/#PN_146)

| CRN           | Days    | Time           | Date              | Location | Instructor           | Seats Open |
|---------------|---------|----------------|-------------------|----------|----------------------|------------|
| 60875 031 F2F | -----S- | 06:30-02:30 PM | 06/23/18-07/21/18 | TBA      | Valluri J<br>Luoma E | Closed     |
|               | -----U  | 06:30-02:30 PM | 06/24/18-07/22/18 | TBA      |                      |            |

*SB 155 Excel in CTE*

## 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)

| CRN             | Days  | Time | Date              | Location | Instructor | Seats Open |
|-----------------|-------|------|-------------------|----------|------------|------------|
| 60264 351 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Wright B   | Closed     |

*KBOR Seamless Transfer*

|                 |       |   |                   |        |          |        |
|-----------------|-------|---|-------------------|--------|----------|--------|
| 60265 352 ONLNE | ----- | - | 06/04/18-07/01/18 | Online | Wright B | Closed |
|-----------------|-------|---|-------------------|--------|----------|--------|

*KBOR Seamless Transfer*

### POLS 124 - American National Government

This course examines the components of the public policy-making process. Topics of study include American political culture, constitutional principles, intergovernmental relations, public opinion, political parties, interest groups, media, the influence of the constant campaign of candidate-centered politics, budget construction, bureaucracy, and decision-making institutions. 3 hrs./wk.

**Credit Hours:** 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/pols/#POLS\\_124\)](http://catalog.jccc.edu/coursedescriptions/pols/#POLS_124)

| CRN                           | Days    | Time           | Date              | Location | Instructor   | Seats Open    |
|-------------------------------|---------|----------------|-------------------|----------|--------------|---------------|
| <b>60266</b> 001 F2F          | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | GEB 213  | Faulwell B   | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |              |               |
| <b>60267</b> 351 ONLNE        | -----   | -              | 06/04/18-07/01/18 | Online   | Staniforth M | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |              |               |

## 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    |
|------------------------|-------|------|-------------------|----------|--------------|---------------|
| <b>60268</b> 351 ONLNE | ----- | -    | 06/04/18-07/01/18 | Online   | Staniforth M | <b>Closed</b> |

## 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    |
|-------------------------------|-------|------|-------------------|----------|------------|---------------|
| <b>60269</b> 352 ONLNE        | ----- | -    | 06/04/18-07/26/18 | Online   | Wright B   | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |       |      |                   |          |            |               |

## 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    |
|-------------------------------|-------|------|-------------------|----------|------------|---------------|
| <b>60395</b> 350 ONLNE        | ----- | -    | 06/04/18-07/26/18 | Online   | Hess J     | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |       |      |                   |          |            |               |
| <b>60693</b> 351 ONLNE        | ----- | -    | 06/04/18-07/26/18 | Online   | Hess J     | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |       |      |                   |          |            |               |

## 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.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC\\_130](http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_130))

| CRN   | Days    | Time           | Date              | Location      | Instructor | Seats Open    |
|---|---------|----------------|-------------------|---------------|------------|---------------|
| <b>60434</b> 001 F2F  | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | CLB 312       | Riley N    | <b>Closed</b> |
| <i>Accelerating Opportunity KS</i><br><i>KBOR Seamless Transfer</i> |         |                |                   |               |            |               |
| <b>60435</b> 002 F2F  | MTWR--- | 11:00-12:15 PM | 06/04/18-07/26/18 | CLB 312       | Riley N    | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i><br><i>Accelerating Opportunity KS</i> |         |                |                   |               |            |               |
| <b>60436</b> 003 F2F  | -T-R--- | 11:00-01:30 PM | 06/05/18-07/26/18 | GEB 377       | Sympson S  | <b>Closed</b> |
| <i>Accelerating Opportunity KS</i><br><i>KBOR Seamless Transfer</i> |         |                |                   |               |            |               |
| <b>60437</b> 004 F2F  | -T-R--- | 03:00-05:30 PM | 06/05/18-07/26/18 | CLB 312       | Ward P     | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i><br><i>Accelerating Opportunity KS</i> |         |                |                   |               |            |               |
| <b>60438</b> 005 F2F  | M-W---- | 06:00-08:30 PM | 06/04/18-07/25/18 | CLB 312       | Kelly D    | <b>Closed</b> |
| <i>Accelerating Opportunity KS</i><br><i>KBOR Seamless Transfer</i> |         |                |                   |               |            |               |
| <b>60439</b> 006 F2F  | -T-R--- | 06:00-08:30 PM | 06/05/18-07/26/18 | GEB 377       | Ward A     | <b>Closed</b> |
| <i>Accelerating Opportunity KS</i><br><i>KBOR Seamless Transfer</i> |         |                |                   |               |            |               |
| <b>60440</b> 351 ONLNE  | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Rader M    | <b>Closed</b> |
| <i>Accelerating Opportunity KS</i><br><i>KBOR Seamless Transfer</i> |         |                |                   |               |            |               |
| <b>60441</b> 352 ONLNE  | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Klinger T  | <b>Closed</b> |
| <i>Accelerating Opportunity KS</i><br><i>KBOR Seamless Transfer</i> |         |                |                   |               |            |               |
| <b>60442</b> 353 ONLNE  | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Rader M    | <b>Closed</b> |
| <i>Accelerating Opportunity KS</i><br><i>KBOR Seamless Transfer</i> |         |                |                   |               |            |               |
| <b>60443</b> 354 ONLNE  | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Klinger T  | <b>Closed</b> |
| <i>Accelerating Opportunity KS</i><br><i>KBOR Seamless Transfer</i> |         |                |                   |               |            |               |
| <b>60444</b> 355 ONLNE  | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Rader M    | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i><br><i>Accelerating Opportunity KS</i> |         |                |                   |               |            |               |
| <b>60445</b> 356 ONLNE  | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Kappen D   | <b>Closed</b> |
| <i>Accelerating Opportunity KS</i><br><i>KBOR Seamless Transfer</i> |         |                |                   |               |            |               |
| <b>60446</b> 357 ONLNE  | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Darrow R   | <b>Closed</b> |

| CRN                                | Days  | Time | Date              | Location | Instructor | Seats Open |
|------------------------------------|-------|------|-------------------|----------|------------|------------|
| <i>KBOR Seamless Transfer</i>      |       |      |                   |          |            |            |
| <i>Accelerating Opportunity KS</i> |       |      |                   |          |            |            |
| <b>60447</b> 358 ONLINE            | ----- | -    | 06/04/18-07/26/18 | Online   | Kappen D   | Closed     |
| <i>KBOR Seamless Transfer</i>      |       |      |                   |          |            |            |
| <i>Accelerating Opportunity KS</i> |       |      |                   |          |            |            |

## 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 |
|-------------------------------|---------|----------------|-------------------|----------|------------|------------|
| <b>60448</b> 001 F2F          | M-W---- | 11:00-01:30 PM | 06/04/18-07/25/18 | GEB 377  | Darrow R   | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |

## 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 |
|------------------------------------|---------|----------------|-------------------|----------|------------|------------|
| <b>60449</b> 001 F2F               | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | GEB 377  | Filley D   | Closed     |
| <i>KBOR Seamless Transfer</i>      |         |                |                   |          |            |            |
| <i>Accelerating Opportunity KS</i> |         |                |                   |          |            |            |
| <b>60450</b> 002 F2F               | -T-R--- | 06:00-08:30 PM | 06/05/18-07/26/18 | CLB 312  | Ladd B     | Closed     |
| <i>Accelerating Opportunity KS</i> |         |                |                   |          |            |            |
| <i>KBOR Seamless Transfer</i>      |         |                |                   |          |            |            |
| <b>60451</b> 003 F2F               | M-W---- | 06:00-08:30 PM | 06/04/18-07/25/18 | GEB 377  | Filley D   | Closed     |
| <i>KBOR Seamless Transfer</i>      |         |                |                   |          |            |            |
| <i>Accelerating Opportunity KS</i> |         |                |                   |          |            |            |
| <b>60452</b> 351 ONLINE            | -----   | -              | 06/04/18-07/26/18 | Online   | Salvato M  | Closed     |
| <i>Accelerating Opportunity KS</i> |         |                |                   |          |            |            |
| <i>KBOR Seamless Transfer</i>      |         |                |                   |          |            |            |
| <b>60453</b> 352 ONLINE            | -----   | -              | 06/04/18-07/26/18 | Online   | Klinger T  | Closed     |
| <i>Accelerating Opportunity KS</i> |         |                |                   |          |            |            |
| <i>KBOR Seamless Transfer</i>      |         |                |                   |          |            |            |

## PSYC 220 - Social Psychology

Social psychology is the study of social influence on behavior and cognition. Social psychology explores our relationships with others, our interdependency, and the mutual influence we have on one another. The course will cover concepts such as attitude formation, attitude change, prejudice, aggression, affiliation, obedience to authority, and conformity; special emphasis will be placed on fostering prosocial behavior and how our attitudes toward self and others are influenced by race, ethnicity, gender, age, religious beliefs, socioeconomic status, sexual orientation, and political beliefs. The course requires students to acquire a critical awareness of research methodology. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Prerequisite:** PSYC 130

Outline ([http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC\\_220](http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_220))

| CRN           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60454 001 F2F | -T-R--- | 03:00-05:30 PM | 06/05/18-07/26/18 | GEB 377  | Ward A     | Closed     |

## Reading

### RDG 126 - Academic Reading

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 this course is 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 |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60579 001 F2F | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | CC 321   | Graham L   | Closed     |
| 60580 002 F2F | MTWR--- | 11:00-12:15 PM | 06/04/18-07/26/18 | CC 321   | Graham L   | Closed     |
| 60581 003 F2F | M-W---- | 06:00-08:30 PM | 06/04/18-07/25/18 | CC 217   | McCall S   | Closed     |
| 60583 005 F2F | -T-R--- | 06:00-08:30 PM | 06/05/18-07/26/18 | CC 321   | Steel S    | Closed     |
| 60584 006 F2F | M-W---- | 09:00-11:30 AM | 06/04/18-07/25/18 | SCI 218  | Prosser C  | Closed     |
| 60585 007 F2F | M-W---- | 10:00-12:30 PM | 06/04/18-07/25/18 | CC 338   | Mancini P  | Closed     |
| 60586 008 F2F | M-W---- | 03:00-05:30 PM | 06/04/18-07/25/18 | CC 217   | 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))

| CRN                           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|-------------------------------|---------|----------------|-------------------|----------|------------|------------|
| 60389 001 F2F                 | MTWR--- | 02:00-03:15 PM | 06/04/18-07/26/18 | GEB 317  | Hudson M   | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| 60390 351 ONLINE              | -----   | -              | 06/04/18-07/26/18 | Online   | Boucher D  | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| 60391 352 ONLINE              | -----   | -              | 06/04/18-07/26/18 | Online   | Boucher D  | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |

## Railroad Conductor

### RRTC 123 - Introduction to Conductor Service

This is an introductory course for the conductor service option within the railroad operations program. Upon successful completion of this course, the student should be able to describe railroad organization and general operations, policies and practices to ensure railroad safety, and the basic responsibilities of conductors. 4 hrs. lecture, demonstration/wk.

**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 |
|----------------------------|---------|----------------|-------------------|----------|--------------------|------------|
| 60902 002 F2F              | MTWRF-- | 08:00-05:00 PM | 06/25/18-06/29/18 | ITC 104  | McNay R<br>Brown T | Closed     |
| <i>SB 155 Excel in CTE</i> |         |                |                   |          |                    |            |

### 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 |
|----------------------------|---------|----------------|-------------------|----------|--------------------|------------|
| 60903 002 F2F              | MTWRF-- | 08:00-05:00 PM | 07/02/18-07/06/18 | ITC 104  | McNay R<br>Brown T | Closed     |
| <i>SB 155 Excel in CTE</i> |         |                |                   |          |                    |            |

### 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 |
|---------------|---------|----------------|-------------------|----------|--------------------|------------|
| 60904 002 F2F | MTWRF-- | 08:00-05:00 PM | 07/09/18-07/13/18 | ITC 104  | Brown T<br>Wiley K | Closed     |

SB 155 Excel in CTE

## 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 |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60906 002 F2F | MTWRF-- | 08:00-05:00 PM | 07/23/18-08/02/18 | ITC 104  | Brown T    | Closed     |

## RRTC 267 - Conductor Field Application

Upon successful completion of this course, the student will have observed actual operations and be able to apply skills learned in classroom-based instruction to those operations. The student will observe and perform operations under the supervision of experienced conductor mentors in an actual field location.

**Credit Hours:** 4

**Associated Costs:** \$200

**Prerequisite:** Admission to the JCCC railroad operations program, conductor option or National Academy of Railroad Sciences (NARS) Director Approval

Outline ([http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC\\_267](http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC_267))

| CRN           | Days    | Time           | Date              | Location | Instructor         | Seats Open |
|---------------|---------|----------------|-------------------|----------|--------------------|------------|
| 60905 382 HYB | MTWRF-- | 08:00-05:00 PM | 07/16/18-10/12/18 | Online   | Brown T<br>Wiley K | Closed     |
|               | -----   | -              | 07/16/18-07/20/18 | ITC      |                    |            |

SB 155 Excel in CTE

## 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 |
|---------------|-------------|----------------|-------------------|----------|--------------|------------|
| 60397 001 F2F | ---R---     | 09:00-09:50 AM | 06/07/18-07/26/18 | HSC 121  | Zimmermann C | Closed     |
|               | Lab ---R--- | 10:00-12:50 PM | 06/07/18-07/26/18 | HSC 124  |              |            |

SB 155 Excel in CTE

## Science

### SCI 292 - Special Topics:

This course periodically offers specialized or advanced discipline-specific content related to diverse areas of science, not offered in the normal curriculum, to interested and qualified students within the program. Topics will not be repeated within a 24 month period.

**Credit Hours: 3**

**Prerequisite:** Department approval

Outline ([http://catalog.jccc.edu/coursedescriptions/sci/#SCI\\_292](http://catalog.jccc.edu/coursedescriptions/sci/#SCI_292))

| CRN           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60888 001 F2F | -T-R--- | 09:00-11:50 AM | 06/05/18-07/26/18 | CLB 407  | Layne R    | Closed     |

This section's title is **Special Topics: Aquatic Ecology**.

Note: Aquatic Ecology describes the interaction between freshwater organisms and their environment. Structure and function of streams, lakes, wetlands, and groundwater systems will be explored. Students will learn life histories and identification skills for aquatic organisms including plankton, fish, mollusks, insects and plants. The influence of abiotic factors such as temperature, oxygen, and nutrients will be examined. Field and classroom experiments will be used to apply concepts learned. Students will study local water quality issues and aquatic management strategies to improve ecosystem health. 3 hrs/wk

## Sociology

### SOC 122 - Introduction to Sociology

Introduction to Sociology introduces students to sociology, the "science of society," and its approach to human social life. The course shows students how sociologists conduct research and describes the basic concepts and theories sociologists use to explain the social world. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/soc/#SOC\\_122](http://catalog.jccc.edu/coursedescriptions/soc/#SOC_122))

| CRN                           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|-------------------------------|---------|----------------|-------------------|----------|------------|------------|
| 60407 001 F2F                 | MTWR--- | 08:00-09:15 AM | 06/04/18-07/26/18 | GEB 375  | Divney J   | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| 60408 002 F2F                 | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | GEB 375  | Divney J   | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |

| CRN                           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|-------------------------------|---------|----------------|-------------------|----------|------------|------------|
| <b>60409</b> 003 F2F          | MTWR--- | 11:00-12:15 PM | 06/04/18-07/26/18 | GEB 240  | Zirkle B   | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| <b>60410</b> 004 F2F          | MTWR--- | 12:30-01:45 PM | 06/04/18-07/26/18 | GEB 240  | Spence J   | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| <b>60411</b> 005 F2F          | M-W---- | 06:00-08:30 PM | 06/04/18-07/25/18 | GEB 375  | Whitman L  | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| <b>60413</b> 351 ONLNE        | -----   | -              | 06/04/18-07/26/18 | Online   | Ketter T   | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| <b>60414</b> 352 ONLNE        | -----   | -              | 06/04/18-07/26/18 | Online   | Ketter T   | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| <b>60415</b> 353 ONLNE        | -----   | -              | 06/04/18-07/26/18 | Online   | Burbidge S | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |

## 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))

| CRN                           | Days    | Time           | Date              | Location | Instructor | Seats Open |
|-------------------------------|---------|----------------|-------------------|----------|------------|------------|
| <b>60422</b> 001 F2F          | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | GEB 240  | Zirkle B   | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| <b>60425</b> 351 ONLNE        | -----   | -              | 06/04/18-07/26/18 | Online   | Petrovic U | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |
| <b>60426</b> 352 ONLNE        | -----   | -              | 06/04/18-07/26/18 | Online   | Seiler C   | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |            |            |

## SOC 127 - Criminology

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

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/soc/#SOC\\_127](http://catalog.jccc.edu/coursedescriptions/soc/#SOC_127))

| CRN                    | Days  | Time | Date              | Location | Instructor  | Seats Open |
|------------------------|-------|------|-------------------|----------|-------------|------------|
| <b>60171</b> 351 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Galbrecht F | Closed     |
| <b>60945</b> 352 ONLNE | ----- | -    | 06/04/18-07/26/18 | Online   | Blank S     | Closed     |

## SOC 131 - Sociology of Families

This is a sociological examination of marriage and the family as a social institution. It will emphasize social theory, changing roles, family formation, socialization, domestic conflict, interaction among family members and marriage partners, and the role of marriage and the family in society. 3 hrs.lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/soc/#SOC\\_131](http://catalog.jccc.edu/coursedescriptions/soc/#SOC_131))

| CRN             | Days    | Time           | Date              | Location | Instructor | Seats Open |
|-----------------|---------|----------------|-------------------|----------|------------|------------|
| 60427 001 F2F   | MTWR--- | 11:00-12:15 PM | 06/04/18-07/26/18 | GEB 375  | Killeen J  | Closed     |
| 60428 002 F2F   | -T-R--- | 06:00-08:30 PM | 06/05/18-07/26/18 | GEB 240  | Whitman L  | Closed     |
| 60429 351 ONLNE | -----   | -              | 06/04/18-07/26/18 | Online   | Harris M   | Closed     |

## Speech/Debate

### SPD 120 - Interpersonal Communication ▶

This course focuses on the principles of effective speech communication in small group and one-to-one relationships. Theory and practice of interpersonal communication are studied and applied to a variety of life situations. The course focuses on perception, self-concept, listening, conflict, language, nonverbal communication and culture as they relate to interpersonal relationships. 3 hrs. lecture/wk.

**Credit Hours: 3**

**Associated Costs: \$5 to \$10**

Outline ([http://catalog.jccc.edu/coursedescriptions/spd/#SPD\\_120](http://catalog.jccc.edu/coursedescriptions/spd/#SPD_120))

| CRN                           | Days    | Time           | Date              | Location | Instructor   | Seats Open |
|-------------------------------|---------|----------------|-------------------|----------|--------------|------------|
| 60307 001 F2F                 | M-W---- | 09:00-11:30 AM | 06/04/18-07/25/18 | CC 332   | Naeymi D     | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |              |            |
| 60308 002 F2F                 | -T-R--- | 11:30-02:00 PM | 06/05/18-07/26/18 | CC 332   | Broxterman P | Closed     |
| <i>KBOR Seamless Transfer</i> |         |                |                   |          |              |            |
| 60310 350 ONLNE               | -----   | -              | 06/04/18-07/26/18 | Online   | Sewell E     | Closed     |

*KBOR Seamless Transfer*

Note: SPD 120 350 is a completely online section; there are no campus meetings. Students will use Canvas 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](mailto:esewell2@jccc.edu).

|                 |       |   |                   |        |          |        |
|-----------------|-------|---|-------------------|--------|----------|--------|
| 60311 351 ONLNE | ----- | - | 06/04/18-07/26/18 | Online | Sewell E | Closed |
|-----------------|-------|---|-------------------|--------|----------|--------|

*KBOR Seamless Transfer*

Note: SPD 120 350 is a completely online section; there are no campus meetings. Students will use Canvas 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](mailto: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**



| CRN                           | Days    | Time           | Date              | Location      | Instructor   | Seats Open    |
|-------------------------------|---------|----------------|-------------------|---------------|--------------|---------------|
| <b>60312</b> 001 F2F          | MTWR--- | 08:00-09:15 AM | 06/04/18-07/26/18 | CC 216        | Mohr M       | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |               |              |               |
| <b>60313</b> 002 F2F          | MTWR--- | 09:30-10:45 AM | 06/04/18-07/26/18 | CC 216        | Mohr M       | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |               |              |               |
| <b>60314</b> 003 F2F          | MTWR--- | 11:00-12:15 PM | 06/04/18-07/26/18 | CC 216        | Rose S       | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |               |              |               |
| <b>60316</b> 005 F2F          | M-W---- | 09:30-12:00 PM | 06/04/18-07/25/18 | CC 312        | Kingsford A  | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |               |              |               |
| <b>60317</b> 006 F2F          | M-W---- | 11:00-01:30 PM | 06/04/18-07/25/18 | CC 325        | Coupe K      | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |               |              |               |
| <b>60318</b> 007 F2F          | M-W---- | 12:30-03:00 PM | 06/04/18-07/25/18 | CC 312        | Naeymi D     | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |               |              |               |
| <b>60319</b> 008 F2F          | M-W---- | 02:00-04:30 PM | 06/04/18-07/25/18 | CC 325        | Coupe K      | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |               |              |               |
| <b>60320</b> 009 F2F          | M-W---- | 06:00-08:30 PM | 06/04/18-07/25/18 | CC 216        | Patrick B    | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |               |              |               |
| <b>60321</b> 010 F2F          | M-W---- | 06:00-08:30 PM | 06/04/18-07/25/18 | CC 325        | Rose T       | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |               |              |               |
| <b>60322</b> 011 F2F          | -T-R--- | 09:30-12:00 PM | 06/05/18-07/26/18 | CC 312        | Stout D      | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |               |              |               |
| <b>60323</b> 012 F2F          | -T-R--- | 12:30-03:00 PM | 06/05/18-07/26/18 | CC 312        | Stout D      | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |               |              |               |
| <b>60324</b> 013 F2F          | -T-R--- | 02:30-05:00 PM | 06/05/18-07/26/18 | CC 332        | Broxterman P | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |               |              |               |
| <b>60326</b> 015 F2F          | -T-R--- | 06:00-08:30 PM | 06/05/18-07/26/18 | CC 216        | Heapes T     | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |               |              |               |
| <b>60327</b> 101 F2F          | MTWR--- | 08:00-10:30 AM | 06/04/18-06/28/18 | CC 316        | Craig B      | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |               |              |               |
| <b>60330</b> 104 F2F          | MTWR--- | 12:00-02:30 PM | 06/04/18-06/28/18 | CC 318        | Schrag C     | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |               |              |               |
| <b>60332</b> 106 F2F          | MTWR--- | 11:00-01:30 PM | 07/02/18-07/26/18 | CC 331        | Buta C       | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |               |              |               |
| <b>60334</b> 108 F2F          | MTWR--- | 02:00-04:30 PM | 07/02/18-07/26/18 | CC 318        | Sewell E     | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |               |              |               |
| <b>60965</b> 110 F2F          | MTWR--- | 08:30-11:00 AM | 06/04/18-06/28/18 | CC 318        | Schrag C     | <b>Closed</b> |
| <i>KBOR Seamless Transfer</i> |         |                |                   |               |              |               |
| <b>60339</b> 376 HYB          | -----   | -              | 06/04/18-07/26/18 | <b>Online</b> | Hubbard S    | <b>Closed</b> |
|                               | -T----- | 09:00-11:45 AM | 06/19/18-06/19/18 | CC 325        |              |               |
|                               | -T----- | 09:00-11:45 AM | 07/03/18-07/03/18 | CC 325        |              |               |
|                               | -T----- | 09:00-11:45 AM | 07/17/18-07/17/18 | CC 325        |              |               |

| CRN   | Days    | Time           | Date              | Location          | Instructor | Seats Open |               |
|---|---------|----------------|-------------------|-------------------|------------|------------|---------------|
|   | -T----- | 09:00-11:45 AM | 07/24/18-07/24/18 | CC 325            |            |            |               |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |                   |            |            |               |
| <i>Mandatory Classroom Meetings</i>   |         |                |                   |                   |            |            |               |
| Note: SPD 121 376 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use Canvas 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, Staci Hubbard, at 913-469-8500, ext. 5325, or at shubbar7@jccc.edu.  |         |                |                   |                   |            |            |               |
| <b>60340</b>  | 377 HYB | -----          | -                 | 06/04/18-07/26/18 | Online     | Hubbard S  | <b>Closed</b> |
|   | -T----- | 12:00-02:45 PM | 06/19/18-06/19/18 | CC 325            |            |            |               |
|   | -T----- | 12:00-02:45 PM | 07/03/18-07/03/18 | CC 325            |            |            |               |
|   | -T----- | 12:00-02:45 PM | 07/17/18-07/17/18 | CC 325            |            |            |               |
|   | -T----- | 12:00-02:45 PM | 07/24/18-07/24/18 | CC 325            |            |            |               |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |                   |            |            |               |
| <i>Mandatory Classroom Meetings</i>   |         |                |                   |                   |            |            |               |
| 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 Canvas 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, Staci Hubbard, at 913-469-8500, ext. 5325, or at shubbar7@jccc.edu.  |         |                |                   |                   |            |            |               |
| <b>60341</b>  | 378 HYB | -----          | -                 | 06/04/18-07/26/18 | Online     | Vasquez A  | <b>Closed</b> |
|   | --W---- | 12:00-02:45 PM | 06/20/18-06/20/18 | CC 332            |            |            |               |
|   | --W---- | 12:00-02:45 PM | 07/11/18-07/11/18 | CC 332            |            |            |               |
|   | --W---- | 12:00-02:45 PM | 07/18/18-07/18/18 | CC 332            |            |            |               |
|   | --W---- | 12:00-02:45 PM | 07/25/18-07/25/18 | CC 332            |            |            |               |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |                   |            |            |               |
| <i>Mandatory Classroom Meetings</i>   |         |                |                   |                   |            |            |               |
| Note: SPD 121 378 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use Canvas to complete written assignments, testing and to communicate with the instructor and fellow students. In addition, attendance at four on-campus sessions to deliver speeches to fellow students and the instructor is required. A letter with more explanation will be sent, via JCCC stumail, to students approximately one week before the first day of class. For more information, contact the instructor, Ashley Vasquez, at 913-469-8500, ext. 2606, or at avasque3@jccc.edu. |         |                |                   |                   |            |            |               |
| <b>60342</b>  | 379 HYB | -----          | -                 | 06/04/18-07/26/18 | Online     | Vasquez A  | <b>Closed</b> |
|   | --W---- | 03:00-05:45 PM | 06/20/18-06/20/18 | CC 332            |            |            |               |
|   | --W---- | 03:00-05:45 PM | 07/11/18-07/11/18 | CC 332            |            |            |               |
|   | --W---- | 03:00-05:45 PM | 07/18/18-07/18/18 | CC 332            |            |            |               |
|   | --W---- | 03:00-05:45 PM | 07/25/18-07/25/18 | CC 332            |            |            |               |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |                   |            |            |               |
| <i>Mandatory Classroom Meetings</i>   |         |                |                   |                   |            |            |               |
| 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 Canvas to complete written assignments, testing and to communicate with the instructor and fellow students. In addition, attendance at four on-campus sessions to deliver speeches to fellow students and the instructor is required. A letter with more explanation will be sent, via JCCC stumail, to students approximately one week before the first day of class. For more information, contact the instructor, Ashley Vasquez, at 913-469-8500, ext. 2606, or at avasque3@jccc.edu. |         |                |                   |                   |            |            |               |
| <b>60343</b>  | 380 HYB | -----          | -                 | 06/04/18-06/28/18 | Online     | Fagan M    | <b>Closed</b> |
|   | ---R--- | 08:00-10:45 AM | 06/07/18-06/07/18 | CC 332            |            |            |               |
|   | ---R--- | 08:00-10:45 AM | 06/14/18-06/14/18 | CC 332            |            |            |               |
|   | ---R--- | 08:00-10:45 AM | 06/21/18-06/21/18 | CC 332            |            |            |               |
|   | ---R--- | 08:00-10:45 AM | 06/28/18-06/28/18 | CC 332            |            |            |               |

| CRN   | Days    | Time           | Date              | Location | Instructor       | Seats Open |
|---|---------|----------------|-------------------|----------|------------------|------------|
| <i>KBOR Seamless Transfer</i>   |         |                |                   |          |                  |            |
| <i>Mandatory Classroom Meetings</i>   |         |                |                   |          |                  |            |
| Note: SPD 121 380 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use Canvas 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, Carol Fagan at cfagan@jccc.edu.                                      |         |                |                   |          |                  |            |
| <b>60344</b> 381 HYB  | -----   | -              | 06/04/18-06/28/18 | Online   | Stanley J        | Closed     |
|   | ---R--- | 09:00-11:45 AM | 06/07/18-06/07/18 | CC 352   |                  |            |
|   | ---R--- | 09:00-11:45 AM | 06/14/18-06/14/18 | CC 352   |                  |            |
|   | ---R--- | 09:00-11:45 AM | 06/21/18-06/21/18 | CC 352   |                  |            |
|   | ---R--- | 09:00-11:45 AM | 06/28/18-06/28/18 | CC 352   |                  |            |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |          |                  |            |
| <i>Mandatory Classroom Meetings</i>   |         |                |                   |          |                  |            |
| 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 Canvas 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. An email 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, Justin Stanley, at 913-469-8500, ext. 3909, or at jstanl26@jccc.edu. |         |                |                   |          |                  |            |
| <b>60345</b> 382 HYB  | -----   | -              | 06/04/18-06/28/18 | Online   | Easley-Giraldo T | Closed     |
|   | ---R--- | 09:00-11:45 AM | 06/07/18-06/07/18 | CC 325   |                  |            |
|   | ---R--- | 09:00-11:45 AM | 06/14/18-06/14/18 | CC 325   |                  |            |
|   | ---R--- | 09:00-11:45 AM | 06/21/18-06/21/18 | CC 325   |                  |            |
|   | ---R--- | 09:00-11:45 AM | 06/28/18-06/28/18 | CC 325   |                  |            |
| <i>Mandatory Classroom Meetings</i>   |         |                |                   |          |                  |            |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |          |                  |            |
| Note: SPD 121 382 will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, students will use Canvas 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 Canvas on the first day of class. For more information, please contact the instructor, Terri Easley-Giraldo at teasley3@jccc.edu   |         |                |                   |          |                  |            |
| <b>60346</b> 383 HYB  | -----   | -              | 06/04/18-06/28/18 | Online   | Stanley J        | Closed     |
|   | ---R--- | 12:30-03:15 PM | 06/07/18-06/07/18 | CC 352   |                  |            |
|   | ---R--- | 12:30-03:15 PM | 06/14/18-06/14/18 | CC 352   |                  |            |
|   | ---R--- | 12:30-03:15 PM | 06/21/18-06/21/18 | CC 352   |                  |            |
|   | ---R--- | 12:30-03:15 PM | 06/28/18-06/28/18 | CC 352   |                  |            |
| <i>Mandatory Classroom Meetings</i>   |         |                |                   |          |                  |            |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |          |                  |            |
| Note: SPD 121 383 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use Canvas 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. An email 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, Justin Stanley, at 913-469-8500, ext. 3909, or at jstanl26@jccc.edu. |         |                |                   |          |                  |            |
| <b>60347</b> 384 HYB  | -----   | -              | 06/04/18-06/28/18 | Online   | Easley-Giraldo T | Closed     |
|   | ---R--- | 12:30-03:15 PM | 06/07/18-06/07/18 | CC 325   |                  |            |
|   | ---R--- | 12:30-03:15 PM | 06/14/18-06/14/18 | CC 325   |                  |            |
|   | ---R--- | 12:30-03:15 PM | 06/21/18-06/21/18 | CC 325   |                  |            |
|   | ---R--- | 12:30-03:15 PM | 06/28/18-06/28/18 | CC 325   |                  |            |
| <i>KBOR Seamless Transfer</i>   |         |                |                   |          |                  |            |
| <i>Mandatory Classroom Meetings</i>   |         |                |                   |          |                  |            |
| 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 Canvas 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 Canvas on the first day of class. For more information, please contact the instructor, Terri Easley-Giraldo at teasley3@jccc.edu   |         |                |                   |          |                  |            |
| <b>60348</b> 385 HYB  | -----   | -              | 06/04/18-06/28/18 | Online   | Miller D         | Closed     |

| CRN | Days    | Time           | Date              | Location | Instructor | Seats Open |
|-----|---------|----------------|-------------------|----------|------------|------------|
|     | ---R--- | 03:00-05:45 PM | 06/07/18-06/07/18 | CC 331   |            |            |
|     | ---R--- | 03:00-05:45 PM | 06/14/18-06/14/18 | CC 331   |            |            |
|     | ---R--- | 03:00-05:45 PM | 06/21/18-06/21/18 | CC 331   |            |            |
|     | ---R--- | 03:00-05:45 PM | 06/28/18-06/28/18 | CC 338   |            |            |

*KBOR Seamless Transfer*

*Mandatory Classroom Meetings*

Note: SPD 121 385 is an accelerated, 4-week hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use Canvas to complete written assignments, testing and to communicate with the instructor and fellow students. In addition, attendance at four on-campus sessions to deliver speeches to fellow students and the instructor is required. For more information, contact the instructor, Deana Miller, at 913-469-8500, ext. 4522, or at demiller@jccc.edu.

|                      |         |                |                   |        |          |        |
|----------------------|---------|----------------|-------------------|--------|----------|--------|
| <b>60349</b> 386 HYB | -----   | -              | 06/04/18-06/28/18 | Online | Miller D | Closed |
|                      | ---R--- | 06:00-08:45 PM | 06/07/18-06/07/18 | CC 331 |          |        |
|                      | ---R--- | 06:00-08:45 PM | 06/14/18-06/14/18 | CC 331 |          |        |
|                      | ---R--- | 06:00-08:45 PM | 06/21/18-06/21/18 | CC 331 |          |        |
|                      | ---R--- | 06:00-08:45 PM | 06/28/18-06/28/18 | CC 338 |          |        |

*Mandatory Classroom Meetings*

*KBOR Seamless Transfer*

Note: SPD 121 386 is an accelerated, 4-week hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use Canvas to complete written assignments, testing and to communicate with the instructor and fellow students. In addition, attendance at four on-campus sessions to deliver speeches to fellow students and the instructor is required. For more information, contact the instructor, Deana Miller, at 913-469-8500, ext. 4522, or at demiller@jccc.edu.

|                      |         |                |                   |        |          |        |
|----------------------|---------|----------------|-------------------|--------|----------|--------|
| <b>60350</b> 387 HYB | -----   | -              | 07/02/18-07/26/18 | Online | Welsch L | Closed |
|                      | ---R--- | 02:00-04:45 PM | 07/05/18-07/05/18 | CC 331 |          |        |
|                      | ---R--- | 02:00-04:45 PM | 07/12/18-07/12/18 | CC 331 |          |        |
|                      | ---R--- | 02:00-04:45 PM | 07/19/18-07/19/18 | CC 331 |          |        |
|                      | ---R--- | 02:00-04:45 PM | 07/26/18-07/26/18 | CC 331 |          |        |

*KBOR Seamless Transfer*

*Mandatory Classroom Meetings*

Note: SPD 121 387 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use Canvas 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>60351</b> 388 HYB | -----   | -              | 07/02/18-07/26/18 | Online | Dillavou T | Closed |
|                      | ---R--- | 09:00-11:45 AM | 07/05/18-07/05/18 | CC 325 |            |        |
|                      | ---R--- | 09:00-11:45 AM | 07/12/18-07/12/18 | CC 325 |            |        |
|                      | ---R--- | 09:00-11:45 AM | 07/19/18-07/19/18 | CC 325 |            |        |
|                      | ---R--- | 09:00-11:45 AM | 07/26/18-07/26/18 | CC 325 |            |        |

*Mandatory Classroom Meetings*

*KBOR Seamless Transfer*

Note: This section of SPD 121 is a hybrid course that incorporates the same content and expectations as a traditional on-campus course. Students will use Canvas 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. Students must attend all 4 on-campus sessions. This course will be available the first day of classes. For more information, contact the instructor, Traci Dillavou at tdillavo@jccc.edu

|                      |         |                |                   |        |            |        |
|----------------------|---------|----------------|-------------------|--------|------------|--------|
| <b>60352</b> 389 HYB | -----   | -              | 07/02/18-07/26/18 | Online | Dillavou T | Closed |
|                      | ---R--- | 12:30-03:15 PM | 07/05/18-07/05/18 | CC 325 |            |        |
|                      | ---R--- | 12:30-03:15 PM | 07/12/18-07/12/18 | CC 325 |            |        |
|                      | ---R--- | 12:30-03:15 PM | 07/19/18-07/19/18 | CC 325 |            |        |
|                      | ---R--- | 12:30-03:15 PM | 07/26/18-07/26/18 | CC 325 |            |        |

| CRN  | Days | Time | Date | Location | Instructor | Seats Open |
|--|------|------|------|----------|------------|------------|
| <i>KBOR Seamless Transfer</i>  |      |      |      |          |            |            |
| <i>Mandatory Classroom Meetings</i>  |      |      |      |          |            |            |
| Note: This section of SPD 121 is a hybrid course that incorporates the same content and expectations as a traditional on-campus course. Students will use Canvas 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. Students must attend all 4 on-campus sessions. This course will be available the first day of classes. For more information, contact the instructor, Traci Dillavou at tdillavo@jccc.edu |      |      |      |          |            |            |

## SPD 180 - Intercultural Communication

The Intercultural Communication course is concerned with communication theory as it relates to cross-cultural interactions. This course utilizes concepts drawn from sociology, psychology, anthropology and communication. Focus is on identifying the cultural bases of beliefs, attitudes, values and behaviors. Objectives include recognizing commonalities across cultures, tolerating ambiguity in a variety of situations, developing a more global multicultural perspective, identifying and appreciating other cultural orientations, and recognizing and assigning cultural explanations to specific behaviors. 3 hrs. lecture/wk.

**Credit Hours: 3**

**Associated Costs: \$5 to \$10**

Outline ([http://catalog.jccc.edu/coursedescriptions/spd/#SPD\\_180](http://catalog.jccc.edu/coursedescriptions/spd/#SPD_180))

| CRN   | Days  | Time | Date              | Location | Instructor | Seats Open |
|---|-------|------|-------------------|----------|------------|------------|
| <b>60336</b> 350 ONLINE   | ----- | -    | 06/04/18-07/26/18 | Online   | Welsch L   | Closed     |
| Note: SPD 180 350 is a completely online section; there are no campus meetings. Students will use Canvas to access course materials, submit written work, participate in class discussion and communicate with the instructor and other students in the class. There are specific deadlines for the course. The course is not self-paced. For more information, contact the instructor, Lindsey Welsch, at 913-469-8500, ext. 5323, or e-mail lwelsch@jccc.edu. |       |      |                   |          |            |            |

|  |       |   |                   |        |           |        |
|--|-------|---|-------------------|--------|-----------|--------|
| <b>60337</b> 351 ONLINE  | ----- | - | 06/04/18-07/26/18 | Online | Gibbens M | Closed |
| Note: For more information, contact the instructor, Meridith Gibbens at mgibbens@jccc.edu. |       |   |                   |        |           |        |

## Theater

### THEA 120 - Introduction to Theater

Students will be introduced to a variety of theatrical experiences, which includes reading plays and analyzing live theatre performances. This course also offers opportunities to experience theatre through set construction, design, stage and costume crew, or acting if the student desires. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/thea/#THEA\\_120](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_120))

| CRN                           | Days  | Time | Date              | Location | Instructor | Seats Open |
|-------------------------------|-------|------|-------------------|----------|------------|------------|
| <b>60150</b> 351 ONLINE       | ----- | -    | 06/04/18-07/26/18 | Online   | Roose A    | Closed     |
| <i>KBOR Seamless Transfer</i> |       |      |                   |          |            |            |
| <b>60151</b> 352 ONLINE       | ----- | -    | 07/02/18-07/26/18 | Online   | Roose A    | Closed     |

*KBOR Seamless Transfer*

### 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 three 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 |
|---------------|---------|----------------|-------------------|----------|------------|------------|
| 60152 001 F2F | -T-R--- | 03:00-05:50 PM | 06/05/18-07/26/18 | 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 |
|---------------|---------|----------------|-------------------|----------|--------------|------------|
| 60153 001 F2F | M-W---- | 10:00-12:50 PM | 06/04/18-07/25/18 | CC BLBOX | Stackhouse R | Closed     |

## Writing Center

### WCTR 103 - Practical Writing Skills

This Writing Center course is designed to enable writers to review parts of speech, learn the elements of a sentence, and learn basic sentence patterns. Emphasis is on simple sentence composing and combining, using complex and compound sentences. Students are encouraged practice writing to develop fluency of text. 1 hr. lecture/wk.

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR\\_103](http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR_103))

| CRN           | Days  | Time | Date              | Location | Instructor | Seats Open |
|---------------|-------|------|-------------------|----------|------------|------------|
| 60859 960 IND | ----- | -    | 06/04/18-07/26/18 | LIB 308  | Byrne K    | 50 of 50   |

### WCTR 107 - Sentence Pattern Skills

This Writing Center course is designed to enable writers to identify parts of speech, elements of a sentence, and basic sentence patterns. Emphasis is on simple sentence composing and combining. Students are encouraged practice writing to develop fluency of text. 1 hr. lecture/wk.

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR\\_107](http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR_107))

| CRN           | Days  | Time | Date              | Location | Instructor | Seats Open |
|---------------|-------|------|-------------------|----------|------------|------------|
| 60860 960 IND | ----- | -    | 06/04/18-07/26/18 | LIB 308  | Byrne K    | 48 of 50   |

### WCTR 108 - Composing Skills

This course is designed to teach students how to write at the paragraph level. Students will learn how to choose a topic, narrow the topic, and to organize and develop the topic using supporting evidence. Emphasis will be given to revision and editing strategies emphasizing fluency of text. 1 hr. lecture/wk.

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR\\_108](http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR_108))

| CRN           | Days  | Time | Date              | Location | Instructor | Seats Open |
|---------------|-------|------|-------------------|----------|------------|------------|
| 60861 960 IND | ----- | -    | 06/04/18-07/26/18 | LIB 308  | Byrne K    | 48 of 50   |

## WCTR 109 - Proofreading Skills

This course 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. 1 hr. lecture/wk.

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR\\_109](http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR_109))

| CRN           | Days  | Time | Date              | Location | Instructor | Seats Open |
|---------------|-------|------|-------------------|----------|------------|------------|
| 60862 960 IND | ----- | -    | 06/04/18-07/26/18 | LIB 308  | Byrne K    | 50 of 50   |

## WCTR 110 - English Grammar Review

This course reviews parts of speech, sentence elements, sentence patterns, and common sentence level errors. This course facilitates the development of writing fluency. 1 hr. lecture/wk.

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR\\_110](http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR_110))

| CRN           | Days  | Time | Date              | Location | Instructor | Seats Open |
|---------------|-------|------|-------------------|----------|------------|------------|
| 60863 960 IND | ----- | -    | 06/04/18-07/26/18 | LIB 308  | Byrne K    | 47 of 50   |

## WCTR 112 - Research Skills

This research skills course covers selectively gathering resource materials, synthesizing the information, and developing an academic essay in an agreed citation format. 1 hr. lecture/wk.

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR\\_112](http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR_112))

| CRN           | Days  | Time | Date              | Location | Instructor | Seats Open |
|---------------|-------|------|-------------------|----------|------------|------------|
| 60864 960 IND | ----- | -    | 06/04/18-07/26/18 | LIB 308  | Byrne K    | 50 of 50   |

## WCTR 115 - Revision Skills

This revision skills class exposes the practicing writer to strategies and resources used to revise all writing, including business, academic, and personal writing. Revision Skills compliments courses in which writing is assigned and encourages students to use current writing activities or assignments to facilitate deeper understanding of revision practices. 1 hr. lecture/wk.

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR\\_115](http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR_115))

| CRN           | Days  | Time | Date              | Location | Instructor | Seats Open |
|---------------|-------|------|-------------------|----------|------------|------------|
| 60865 960 IND | ----- | -    | 06/04/18-07/26/18 | LIB 308  | Byrne K    | 49 of 50   |

## WCTR 120 - Writing in the Disciplines

This course is designed to complement and/or support students enrolled in classes in which writing is intrinsic to the curriculum. Students will be exposed to different format styles and genres and encouraged to use revision strategies to increase writing ability. 1 hr. lecture/wk.

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR\\_120](http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR_120))

| CRN           | Days  | Time | Date              | Location | Instructor | Seats Open |
|---------------|-------|------|-------------------|----------|------------|------------|
| 60866 960 IND | ----- | -    | 06/04/18-07/26/18 | LIB 308  | Byrne K    | 49 of 50   |

## Web Development Digital Media

### WEB 110 - HTML and CSS

This course will cover the essential skills needed to create responsive websites, using HyperText Markup Language (HTML) and Cascading Style Sheets (CSS). Students will be introduced to the concepts, foundations, syntax and structure of HTML and CSS. 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

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 |
|--|-------|------|-------------------|----------|------------|------------|
| 60604 350 ONLNE  | ----- | -    | 06/04/18-07/26/18 | Online   | Hanna A    | Closed     |
| <i>Accelerating Opportunity KS</i><br><i>SB 155 Excel in CTE</i> |       |      |                   |          |            |            |
| 60605 351 ONLNE  | ----- | -    | 06/04/18-07/26/18 | Online   | Hopper J   | Closed     |
| <i>Accelerating Opportunity KS</i><br><i>SB 155 Excel in CTE</i> |       |      |                   |          |            |            |
| 60607 352 ONLNE  | ----- | -    | 06/04/18-07/26/18 | Online   | Hanna A    | Closed     |
| <i>SB 155 Excel in CTE</i><br><i>Accelerating Opportunity KS</i> |       |      |                   |          |            |            |

### WEB 114 - Web Scripting: JavaScript I

Students will study the purpose for and principles of client-side scripting using JavaScript. Topics include JavaScript variables, operators, expressions, functions, control structures, arrays and event listeners. Students will use professional techniques to write and debug code. JavaScript security issues will be explored. 2 hrs. lecture/wk.

**Credit Hours:** 2

**Associated Costs:** \$50 to \$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 |
|---|--------|----------------|-------------------|----------|------------|------------|
| <b>60947</b> 350 ONLNE  | -----  | -              | 06/04/18-07/26/18 | Online   | Young A    | Closed     |
| <i>Accelerating Opportunity KS</i><br><i>SB 155 Excel in CTE</i>  |        |                |                   |          |            |            |
| <b>60608</b> 376 HYB  | M----- | 05:00-06:50 PM | 06/04/18-07/23/18 | RC 323   | Young A    | Closed     |
|   | -----  | -              | 06/04/18-07/23/18 | Online   |            |            |
| <i>Mandatory Classroom Meetings</i><br><i>SB 155 Excel in CTE</i><br><i>Accelerating Opportunity KS</i> |        |                |                   |          |            |            |

## WEB 116 - Digital Media Concepts

This course examines the digital media creation process and the impact of emerging technology on that process. Emphasis is placed on the need to understand target audiences, as well as the impact of content on those audiences. Creative culture is examined so students may begin to understand the relationship between ideas and the structure and management of the organizations and intellectual property systems used to express those ideas. 2 hrs. lecture/wk.

**Credit Hours:** 2

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

**Prerequisite or corequisite:** ENGL 121

Outline ([http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_116](http://catalog.jccc.edu/coursedescriptions/web/#WEB_116))

| CRN                                | Days    | Time           | Date              | Location | Instructor | Seats Open |
|------------------------------------|---------|----------------|-------------------|----------|------------|------------|
| <b>60609</b> 001 F2F               | -T-R--- | 05:30-08:20 PM | 06/05/18-07/05/18 | RC 323   | Nord E     | Closed     |
| <i>Accelerating Opportunity KS</i> |         |                |                   |          |            |            |

## Promoted Searches

- Winter Session Classes ([/class/results/term\\_type/Credit?query=keywords%3Awinter&ecid=featured](/class/results/term_type/Credit?query=keywords%3Awinter&ecid=featured))
- Online Classes ([/class/results/term\\_type/Credit/section\\_status/OPEN/section\\_delivery\\_method/ONLNE?ecid=featured](/class/results/term_type/Credit/section_status/OPEN/section_delivery_method/ONLNE?ecid=featured))
- Evening Classes ([/class/results/term\\_type/Credit/section\\_status/OPEN/meeting\\_time\\_category/EVENING?ecid=featured](/class/results/term_type/Credit/section_status/OPEN/meeting_time_category/EVENING?ecid=featured))
- Classes Starting Soon ([/class/results/term\\_type/Credit/section\\_status/OPEN?startDaysOut=30&ecid=featured](/class/results/term_type/Credit/section_status/OPEN?startDaysOut=30&ecid=featured))
- SB 155 Excel in CTE Classes ([/class/results/term\\_type/Credit?query=keywords%3As155&ecid=featured](/class/results/term_type/Credit?query=keywords%3As155&ecid=featured))
- Short-term Classes ([/class/results/term\\_type/Credit?query=keywords%3Ashortterm&ecid=featured](/class/results/term_type/Credit?query=keywords%3Ashortterm&ecid=featured))

## Resources for Credit Students

- Steps to enroll (<http://www.jccc.edu/enroll/credit-steps>)
- Academic calendar (<http://www.jccc.edu/calendars>)
- Course catalog (<http://catalog.jccc.edu>)
- Archived course schedules (<http://www.jccc.edu/enroll/archived-course-schedules.html>)
- KBOR Transfer ([http://www.kansasregents.org/transfer\\_articulation](http://www.kansasregents.org/transfer_articulation))

## Need help?

Please call the Success Center at 913-469-3803 (tel:9134693803) for assistance.

