

FREDERICK **COMMUNITY** COLLEGE



FALL 2019 SCHEDULE



Hours of Operation

Jefferson Hall (J Building)

1ST FLOOR	Enrollment Center - Welcome Desk, Student Accounts/ Cashiers, Continuing Education Registration, Credit Registration, and Records
2ND FLOOR	College and Career Readiness Center - Admissions, Counseling & Advising, and Career & Transfer Services
3RD FLOOR	Financial Services Center - Billing, Collections, and Financial Aid
Monday.....	8:30 a.m. - 6:00 p.m.
Tuesday–Thursday*	8:30 a.m. - 4:30 p.m.
Friday.....	10:00 a.m. - 4:30 p.m.
* Extended Thursday hours in July, August, and January 4:30 p.m. - 6:00 p.m.	

Adult Services, Services for Students with Disabilities, & Veteran and Military Services (A Building, 1st floor)

Monday.....	8:30 a.m. - 7:00 p.m.
Tuesday–Friday.....	8:30 a.m. - 4:30 p.m.

Student Center (H Building, 1st floor)

Multicultural Student Services

Monday–Friday	8:30 a.m. - 4:30 p.m.
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Bookstore

Monday–Thursday.....	8:30 a.m. - 6:00 p.m.
Friday.....	8:30 a.m. - 2:00 p.m.

The Testing Center (L Building, 1st floor)

Monday–Thursday.....	8:30 a.m. - 7:00 p.m.
Friday.....	8:30 a.m. - 4:30 p.m.
Saturday	9:00 a.m. - 12:00 p.m.

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Board of Trustees

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Frederick Community College prohibits discrimination against any person on the basis of age, ancestry, citizenship status, color, creed, ethnicity, gender identity and expression, genetic information, marital status, mental or physical disability, national origin, race, religious affiliation, sex, sexual orientation, or veteran status in its activities, admissions, educational programs, and employment. Frederick Community College makes every effort to accommodate individuals with disabilities for College-sponsored events and programs. If you have accommodation needs or questions, please call 301.846.2408. To request a sign language interpreter, please visit <http://fcc-interpreting.genbook.com>. If you have interpreting related questions, please email Interpreting@frederick.edu. Sign language interpreters will not be automatically provided for College-sponsored events without a request for services. To guarantee accommodations, requests must be made at least five workdays in advance of a scheduled event. If your request pertains to accessible transportation for a College-sponsored trip, please submit your request at least 21 calendar days in advance. Requests made less than 21 calendar days in advance may not be able to be guaranteed. Gainful employment information is available at www.frederick.edu/GE.

All members of the College community are expected to abide by this non-discrimination policy and to comply with Title VI and Title VII of the Civil Rights Act of 1964, the Age Discrimination in Employment Act of 1967, (ADEA), Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act of 1990, (ADA), and amendments.

FALL 2019

Registration opens

Monday, April 22

Priority Registration for Military
opens Friday, April 19

Important Dates	
Summer Registration Open	Mon., April 22
Labor Day – Enrollment Services not available	Mon., September 2
No credit classes, offices open until 4:30 p.m. College Holiday begins	Wed., November 27
College Holiday	Nov. 28 - Dec. 1
Winter Break – Enrollment Services not available	Dec. 20 - Jan. 1

ACADEMIC SESSIONS

Important Deadlines

Last day to apply for:

August 2019 graduation August 15, 2019
December 2019 graduation December 15, 2019

First day to enroll April 22, 2019

Summer 2019 "I" grades to "F" September 10, 2019

15-week

First day of session August 24
Last day to add August 30
Last day 100% refund August 30
Last day 50% refund September 9
Last day to withdraw November 6
Last day of session December 14
Grades due (10 a.m.) December 18

1st 7.5-week

First day of session August 24
Last day to add August 28
Last day 100% refund August 30
Last day 50% refund September 9
Last day to withdraw September 28
Last day of session October 16
Grades due (10 a.m.) October 21

1st 10-week

First day of session August 26
Last day to add August 29
Last day 100% refund August 30
Last day 50% refund September 9
Last day to withdraw October 12
Last day of session November 4
Grades due (10 a.m.) November 7

1st 5-week

First day of session August 26
Last day to add August 27
Last day 100% refund August 30
Last day 50% refund September 9
Last day to withdraw September 19
Last day of session September 30
Grades due (10 a.m.) October 3

13-week

First day of session September 10
Last day to add September 16
Last day 100% refund September 16
Last day 50% refund September 21
Last day to withdraw November 9
Last day of session December 14
Grades due (10 a.m.) December 18

2nd 10-week

First day of session October 1
Last day to add October 4
Last day 100% refund October 5
Last day 50% refund October 11
Last day to withdraw November 16
Last day of session December 14
Grades due (10 a.m.) December 18

2nd 5-week

First day of session October 1
Last day to add October 2
Last day 100% refund October 5
Last day 50% refund October 11
Last day to withdraw October 23
Last day of session November 4
Grades due (10 a.m.) November 7

2nd 7.5-week

First day of session October 17
Last day to add October 19
Last day 100% refund October 22
Last day 50% refund October 28
Last day to withdraw November 19
Last day of session December 14
Grades due (10 a.m.) December 18

3rd 5-week

First day of session November 6
Last day to add November 7
Last day 100% refund November 11
Last day 50% refund November 15
Last day to withdraw December 4
Last day of session December 14
Grades due (10 a.m.) December 18

NOTE: Students will need to contact the Distributed Learning office at 301.846.2401 for permission to register in an online section after the third day of courses. *Refer to online rules section located on page 60.*

TUITION & FEES

Our College is dedicated to providing quality education, superior resources, and affordable tuition. FCC tuition and fees for a full-time (12 credit) in-county student amount to approximately \$3,700 per year. By comparison, the College Board reports the national average for tuition and fees exceeds \$9,000 at public four-year colleges and averages \$31,000 at private schools. With high academic standards and affordable tuition rates, FCC is a wise choice for higher education.

Fall 2019 Tuition & Fees Chart *

Credits	In-County	Out-of-County	Out-of-State
1	\$153.74	\$301.74	\$398.74
2	\$307.48	\$603.48	\$797.48
3	\$461.22	\$905.22	\$1,196.22
4	\$614.96	\$1,206.96	\$1,594.96
5	\$768.70	\$1,508.70	\$1,993.70
6	\$922.44	\$1,810.44	\$2,392.44
7	\$1,076.18	\$2,112.18	\$2,791.18
8	\$1,229.92	\$2,413.92	\$3,189.92
9	\$1,383.66	\$2,715.66	\$3,588.66
10	\$1,537.40	\$3,017.40	\$3,987.40
11	\$1,687.80	\$3,315.80	\$4,382.80
12	\$1,838.20	\$3,614.20	\$4,778.20
13	\$1,988.60	\$3,912.60	\$5,173.60
14	\$2,139.00	\$4,211.00	\$5,569.00
15	\$2,289.40	\$4,509.40	\$5,964.40
16	\$2,439.80	\$4,807.80	\$6,359.80

* Tuition and fees rates are subject to change.

Tuition and fees*

In-County per credit hour	\$125
Out-of-County per credit hour	\$273
Out-of-State per credit hour	\$370

Consolidated Service Fee (\$25.40)

Every student taking a credit course will be required to pay a consolidated service fee per credit hour. The consolidated service fee supports costs associated with registration, transcripts, commencement, various instructional and support services, technology costs, capital expenditures including capital improvements, parking, maintenance and repair of College equipment/systems, and safety and security needs.

Student Activity Fee (\$3.34)

The Student Activity Fee is a fee charged to all credit students each academic term. The revenue generated goes into a special account administered by the Student Government Association to fund social, recreational, and cultural events, campus clubs and student organizations, authorized student travel and service trips, and annual signature student events such as New Student Convocation, Success Week, Welcome Week, and Wellness Events. The fee is charged on a credit hour basis for up to a maximum of 10 credit hours.

Additional Fees**

Credit by Portfolio (per credit hour)	50% of tuition
Credit by Departmental Exam (per credit hour)	50% of tuition
American Sign Language Immersion Experience (ASLS 250)	\$120
Applied Music Fee (per class)	\$490
Building Trades	
HVAC and Electrical (per class)	\$71.40
Welding (per class)	\$100
Culinary Arts (per class)	\$121

Please refer to the specific HCTI course. Some courses require a chef uniform and basic knife or pastry set.

Expedited Transcripts Fee (see pg. 60 for details)

Expedited service for e-transcripts delivered electronically	\$5.00
Expedited service for printed transcripts delivered by USPS	\$7.50

FEMA Fee (per credit hour)	\$88
Module Fee (per module)	\$100

Physical Education Fees

Please refer to the specific PHED course for fees that may be payable to the site where the class meets.

Surgical Technology Fees

Please refer to the specific SURG course for fees that may be required.

** In special cases, the College may charge additional fees. Some classes may charge additional fees for equipment or materials.

Students are responsible for the purchase of textbooks and other materials for each class. The average cost is about \$150 per course.

Fall payment due dates:

- July 26, 2019, 4:30 p.m.
- August 9, 2019, 4:30 p.m.
- August 23, 2019, 4:30 p.m.

When enrolling in a class after August 23, 2019, payment will be due the day prior to the class start date. Check your schedule or see page 1 for details on the session dates.



How to avoid the Drop Zone

1. Students must have paid in full, or
2. have enough anticipated financial aid posted to their PeopleSoft account, or
3. be enrolled in a payment plan.

(To set up a payment plan log into your Peoplesoft account and select Student Center)

Automatic Payment Plan

FCC provides a payment plan for the semester which allows you to divide your total costs into **automatic monthly payments**.

- Sign up early at <http://myFCC.frederick.edu> – log into PeopleSoft, click the link under finance from the student center page.
- Payments are **automatically withdrawn** from your checking/savings account or major credit card on the 5th day of each month that payment is due.
- Enrollment fee is \$25; No interest charges.
- If you sign up for a payment plan, you are entering into a contract for all tuition and fees.

Fall 2019 Target Dates To Enroll

Last day to enroll online	Required down payment	Number of payments	Months of payments
June 5	20%	5	July - Nov 5
July 5	25%	4	Aug - Nov 5
August 5	30%	3	Sept - Nov 5
September 5	30%	3	Oct - Dec 5
October 5	40%	2	Nov - Dec 5
November 5	50%	1	Dec 5 only

For additional information, contact Student Accounts at 301.846.2456 or email questions to studentaccounts@frederick.edu.

If you are a financial aid student, see the payment plan information on page 10.

FCC partners with BankMobile to issue refunds electronically



Look for this BankMobile envelope to select your refund preference

Frederick Community College has partnered with BankMobile to provide you with an electronic way to receive your FCC refunds faster. This is the way you will receive academic refunds.

BankMobile will mail students a pin number to activate and choose a refund preference. Pin information will be mailed on the first day of classes to the address on file with Frederick Community College.

We recommend students immediately log onto myFCCeFunds.com to activate the refund preference. Even if you are not currently anticipating a refund from FCC, you may have one in the future, so it is critical that you activate your refund preference as soon as your pin number information arrives.

The myFCC eFunds provides options for refund delivery. Simply select the refund preference that is best for you. Your refund options include:

- ACH Transfer to another bank account (refunds available 2-3 business days).
- Easy Refund to the myFCC eFunds debit card (refunds available the same day FCC releases the funds to BankMobile).

For more information: www.refundselection.com

HOW TO APPLY & REGISTER

Please monitor your myFCC email for updates from the College.

New Students

Please follow the steps below and call 301.846.2400 if you have questions.

1) Apply to the College

- Go to **frederick.edu** to apply online.
- Click **Apply & Register**.
- Click **Apply Now**.
- You will receive your Welcome Packet and New Student ID number in the mail. You also have the option of coming to the Welcome Desk in Jefferson Hall and receiving your ID number at the time you apply.

OR

- Download the application from the FCC website (frederick.edu). You can then bring the application to Jefferson Hall or mail the completed application to:

Admissions
Frederick Community College
7932 Opossumtown Pike
Frederick, MD 21702

2) Prepare for registration

To comply with the Maryland College and Career Readiness Act of 2013, the College requires that all degree-seeking students complete a college credit-bearing math and college credit-bearing English course prior to the completion of 24 college credits.

3) Meet with an advisor

An advisor within the College and Career Readiness Center on the 2nd floor of Jefferson Hall can help you select your courses and discuss your academic and career goals. To make an appointment with Counseling and Advising, call 301.846.2471.

- Students who are advised by Multicultural Student Services (301.846.2531), Veteran and Military Services (301.624.2836), Office of Adult Services (301.846.2483), or Services for Students with Disabilities (301.846.2408) should make an appointment with their program advisor.

4) Required Orientation, Advising, and Registration (ROAR)

All new students planning to attend FCC for their first college experience will participate in the ROAR program. Students must have applied to the College and completed their placement assessment (or submitted testing exemptions) before they can schedule a ROAR appointment.

Three steps to ROAR:

- An online orientation featuring videos with current FCC students telling you exactly what you need to know about attending college
- An on-campus meeting with an Academic Advisor to help you develop your academic and career plan
- A registration lab where you'll learn how to enroll yourself into classes

For more information about ROAR, please visit frederick.edu/orientation

5) Register for Classes

After meeting with an academic advisor and selecting your courses, you can register for classes.

6) Pay for classes

Students may not attend a class if they have not registered for that class and made payment arrangements. See payment due dates on page 2.

Academic Assessment and Placement Policy and Procedures

I. Philosophy and Scope

Frederick Community College ("FCC" or the "College") is committed to supporting student success by ensuring appropriate course placement using a series of computer-based assessment tests that measure individuals' reading, writing, and math skills. Minimum placement scores, known as cut scores, are established through statewide agreements. These scores are used to determine college-readiness and placement into specific courses, including developmental and college-level courses. Credit courses have prerequisites that include expectations of college-readiness as reflected in the placement scores and/or other pre-established expectations. This policy and procedures outlines placement test requirements, guidelines for placement, and exemptions and exceptions to required placement testing.

II. Definitions for the Purpose of this Policy and Procedures

- A. **"Certificate-Seeking"** refers to a category of individuals who have declared an intent to follow a sequence of specific credit courses resulting in a formal award of completion of up to 36 credits.

- B. **"Courses of Interest"** refers to a category of individuals who seek to take courses listed as credit in the FCC Academic Catalog for personal knowledge or professional development as opposed to the fulfillment of FCC program requirements.

- C. **"Degree-Seeking"** refers to a category of individuals who have declared an intent to follow a prescribed curriculum in a career or transfer program that leads to an associate degree, which is generally sixty (60) credits, unless otherwise specified.

- D. **"Developmental Courses"** are courses that prepare students for college-level coursework in reading, writing, English as a Second Language (ESL), and math. Developmental education includes multiple course sequences with students progressing as skills are developed. Students are assigned to developmental courses based on their placement test scores.

- E. **"Enrollment"** is the status achieved when an individual has registered for classes and has either paid or made arrangements for payment of tuition and/or fees.

- F. **"Full-time Enrollment"** refers to a student enrolled in twelve (12) or more credits during the fall or spring semesters, or in a total of twelve (12) credit hours cumulatively for the summer session.

- G. **"Readmitted Students"** refers to individuals who have attended FCC but not within the past two years.

- H. **"Transfer student"** refers to an individual who has attended another institution of higher learning after high school graduation or equivalency, and who seeks to receive credit for prior coursework completed at previous institutions.

III. Placement Testing Requirements

- A. After applying to the College, placement tests are required for:

1. Individuals who are first-time college students who are seeking a degree or certificate whether they enroll full-time or part-time.
2. Individuals planning to take their first English or mathematics course.

3. Currently enrolled students seeking a degree/certificate, whether enrolled full-time or part-time, who have not been tested in the past or whose placement scores and/or exemptions have expired.
4. Transfer or readmitted individuals who have not completed a college-level math and/or English course.
5. Individuals who are designated as Courses of Interest students and wish to enroll in courses with prerequisites of reading, writing, ESL, or mathematics.
6. Individuals who change their designation from Courses of Interest to certificate- or degree-seeking.

- B. Upon completion of all required placement tests, individuals are required to consult with an advisor to develop a degree or certificate plan for completion, including course selection. Individuals will choose courses based on their placement scores and their individual career and college goals.
- C. Placement tests are not required for individuals as noted under Section VI "Exceptions and Exemptions to Required Placement Testing."

IV. Placement Guidelines

- A. Unless otherwise indicated, placement scores are determined using Accuplacer academic assessments.
- B. Placement scores will be valid for two years after the date of taking the placement tests.
- C. Minimum placements scores, also known as cut scores, have been determined for college-readiness in reading, writing, and mathematics.
- D. Non-native English speakers and some world English speakers will take the Level of English Proficiency (LOEP) test to determine reading and writing placement scores.
- E. Individuals with documented disabilities as verified by the Services for Students with Disabilities Office will receive reasonable accommodations while completing the required placement tests.
- F. Unless outlined in the exemptions and exceptions, high school grades alone do not determine placement.
- G. Individuals are permitted to retest only one time per assessment, no sooner than twenty-four (24) hours after the initial test.
- H. Students who are continuously enrolled will not be permitted to retest once enrolled in their developmental course requirements.
- I. Readmitted students must either retest or complete the developmental requirements as stipulated in the academic catalog.

- J. Individuals who demonstrate college-readiness as stipulated in the exemptions and exceptions section of this policy and procedure will be eligible to enroll in the appropriate credit-level courses according to their specific college-readiness scores.

V. Prerequisites

The FCC Academic Catalog designates courses with prerequisites and/or corequisites. Prerequisites are expectations that must be completed before enrollment in a course is allowed. Corequisites are courses that can be taken concurrently.

VI. Exceptions and Exemptions to Required Placement Testing

- A. Individuals who transfer from accredited institutions of higher education who present unofficial transcripts indicating successful completion (2.00 GPA or higher) of the equivalent of at least twelve (12) college credits will be exempted from the reading placement test if six (6) credits are general education courses.
- B. Individuals will be exempted from the reading and writing placement tests if they provide evidence of successfully completing:
 1. The equivalent of FCC course EN 101 at an accredited U.S. institution or credit through DSST, or CLEP.
 2. The Advanced Placement (AP) test with a score of 3 or higher in English Language and Composition or English Literature and Composition. AP test scores are valid for five years.
 3. The International Baccalaureate (IB) exams with a grade of four (4) or above in one or more of the following exams: Language A Literature SL or HL, and/or Language A: Language & Literature SL or HL. IB test scores are valid for five years.
 4. English 10 or 11 PARCC score of Level 4 or 5. This score is valid for one year after an individual's date of high school graduation.
 5. The GED English Reasoning Through Language Arts test with a score of 165 or higher.
- C. Individuals will be exempted from the math placement tests if they provide evidence of successfully completing:
 1. A general education math course, at the level of college algebra or higher, at an accredited U.S. institution or credit through DSST or CLEP.
 2. The Advanced Placement (AP) test with a score of 3 or higher in Calculus AB, Calculus BC, or Statistics. AP test scores are valid for five years.

3. The International Baccalaureate (IB) exams with a grade of 4 or above on one or more of the following exams: Mathematical Studies, Mathematics SL or HL and/or Further Math. IB test scores are valid for 5 years.
4. Algebra II PARCC score of Level 4 or 5. This score is valid for one year after an individual's date of high school graduation.
5. The GED Mathematical Reasoning test with a score of 165 or higher.

- D. Individuals from Frederick County Public School (FCPS) who successfully completed the following math courses are exempt from taking the math placement tests. This exemption is valid for one year after the individual's date of graduation from high school.

1. Algebra II with an A or B during their junior or senior year are eligible to enroll in an appropriate college-level, credit-bearing math course.
2. Intermediate Transitional Algebra with an A or B and earn the designated score on an FCC-approved college-readiness exam are eligible to enroll in a college-level, non-STEM, credit-bearing math course.
3. Pre-Calculus or higher level math course with an A, B, or C are eligible to enroll in the equivalent college-level credit bearing course.
4. Designated transition math modules and earn the designated score on an FCC-approved college-readiness exam are eligible to enroll in a college-level, non-STEM, credit-bearing math course.

- E. Individuals from Frederick County Public School (FCPS) who successfully completed English 12 with a reading comprehension Lexile score of 1050 or higher on the HMH Reading Inventory, 80% or better on Vocabulary in Context assessments, and 80% or better on the Performance Product Portfolio; and earn a final grade of A or B will be exempted from the reading and writing placement tests. They will be deemed college-ready in reading and writing and will be eligible to enroll in English 101. This exemption is valid for one year after the individual's date of graduation from high school.

- F. Individuals who have provided a copy of their SAT/ACT scores that meet the exemption criteria set by Maryland Community College placement guidelines will be exempted from individual placement tests. SAT and ACT scores are valid for five years.

1. Individuals with an SAT Mathematics score of 530 or above are exempted from math placement testing.

2. Individuals with an ACT Mathematics score of 21 or above are exempted from math placement testing.
 3. Individuals with an SAT Evidence-based Reading & Writing score of 480 or a Critical Reading score of 500 or above are exempted from reading and writing placement testing.
 4. Individuals with an ACT reading score of 21 or greater average on the English Test & Reading Test scores are exempt from the reading and writing placement testing.
- G. Individuals who provide an official copy of the TOEFL (Test of English as a Foreign Language) score transcript and who score a 575 or higher on the paperbased test, a 233 or higher on the computer-based test, or a score of 90 or higher on the internet-based test are exempted from the reading, writing and ESL placement tests. TOEFL scores are valid for two years.
- H. Individuals who provide a copy of their official Accuplacer or alternative placement test score(s), and meet the placement criteria that exempts them from developmental reading, writing and/or mathematics will also be exempt from the corresponding FCC placement tests. These scores are valid for two years. The Associate Vice President for the Center for Teaching and Learning or his/her designee will evaluate the scores and assign course placement(s) based on FCC standards.
- I. Individuals who have provided an unofficial transcript indicating satisfactory completion (at a C or better) of the highest-level developmental course work in reading, writing, or mathematics at another Maryland community college or accredited Maryland four-year college/university are exempted from corresponding placement tests. Reading and writing placement exemptions do not apply to ESL course work.
- J. Visiting students from other institutions who present a "Permission to Enroll" form will have prerequisites waived for the courses certified by the sending institutions. No placement exemption will be entered.
- K. Individuals who have provided an official transcript indicating they have been awarded an associate, bachelor's, or higher degree from an accredited U.S. institution will be exempted from placement testing.
- L. Students who have successfully completed an FCC-approved academic intervention will be permitted one additional retest for a total of 3 test attempts.
- M. Individuals who are otherwise exempted by the Associate Vice President for the Center for Teaching and Learning or his/her designee.

N. Individuals enrolled in Frederick County Public Schools or another school with a dual enrollment agreement with the College who wish to participate in dual enrollment or open campus may take the placement tests twice. Within six months of graduation from their K-12 institution, individuals may be granted the opportunity to retake the placement test a third time, with an unofficial transcript or report card indicating successful completion of grade 12 English and/or math, and their placement testing records can be verified by the Testing Center.

The official version of the College Academic Assessment and Placement Policy and Procedures is on its website (www.frederick.edu) and may be revised annually.

Readmit Students

If you've attended FCC before, but not since the Spring 2017 semester, complete the admissions application and select "Readmit" under Classification. You may have to submit proof of residency. You will follow the requirements of the current catalog year.

Current Students

1) Meet with an advisor to talk about your course selection and to discuss your academic and career goals.

- Students who are advised by Multicultural Student Services (301.846.2531), Veteran and Military Services (301.624.2836), Office of Adult Services (301.846.2483), or Services for Students with Disabilities (301.846.2408) should make an appointment with their program advisor.
- Students with declared majors (such as business, education, criminal justice, etc.) should meet with their faculty advisor. Faculty advisors' names and contact information can be found on page 12 and on Counseling & Advising webpage at frederick.edu/student-resources/counseling-advising.
- General studies, undecided, and nursing (pre-clinical) students should meet with an advisor from the Counseling & Advising. During registration, Counseling & Advising offers same day walk-in advising service – no appointment necessary. Just stop by J-201 (Jefferson Hall).
- Students on academic alert or academic probation must meet with an advisor from Counseling & Advising, Multicultural Services, Adult Services, Veteran and Military Services, or Services for Students with Disabilities prior to registering for classes.

- Students returning to FCC from academic suspension must schedule an appointment with the Success Advisor prior to registering for classes. Call 301.846.2471 to schedule an appointment. Students returning from academic dismissal must meet with the AVP, Dean of Students. Call 301.846.2469 to schedule an appointment.

Prior to meeting with your advisor, access your Degree Plan. See Student Services Online, third column. Courses still needed are indicated as "Requirement Not Satisfied." Developmental English and mathematics requirements will not appear, but, if needed, you should include them in your schedule and plan to take them first.

2) Register for Classes

On the web or in person

- **Web registration**
Go to <http://myFCC.frederick.edu>. Click on **PeopleSoft/Student Information System** in the blue navigation bar, then follow the online instructions.

OR

- **Register in person**
Bring your registration form to the Welcome Desk.
- If you're on academic alert or probation, you must have your form approved by an advisor in Counseling & Advising before you register.
- If you plan to take more than 18 credits during the semester, you will need a signature from Counseling & Advising.

3) Review your schedule

- Check classroom locations (Some courses are held off site).
- Check course start and end dates (Some courses do not begin at the start of the semester).
- Check to see if you have registered for a linked class. If so, make sure you are registered for both components.
- Print your schedule to be sure you have completed the process correctly.
- If you have registered for an online class, see page 60 for more information about online classes at FCC.

Students may not attend a class if they have not registered for that class and made payment arrangements.

Dual Enrollment of High School Aged Students

High school students are subject to the same assessment and placement policies and procedures as other students. Students must adhere to FCPS guidelines and complete appropriate paperwork. High school students earn transcripted college credit upon successful course completion. In some cases, students may earn both high school and college credit for a college course that meets the curriculum requirements of the approved high school course.

Frederick County Students

Open Campus

Students sixteen years of age or older may enroll in college courses while concurrently enrolled in high school. FCPS students pay 75% of tuition plus fees. Tuition is waived for FCPS students who are eligible for free and reduced meals.

Homeschool/Private School Students

Homeschool and private school students are subject to the same assessment and placement policies and procedures as other students. FCC offers a reduced tuition rate for homeschool and private school students in Frederick County. Students pay 75% of tuition plus fees. Proof will be required. For questions, call 301.846.2456.

High School Based

The College, in partnership with FCPS, provides students the opportunity to enroll in college courses that are taught at their high school. FCPS students pay 43% of tuition, and tuition is waived for FCPS students who are eligible for free and reduced meals. Students must contact their high school guidance office for further information and to enroll.

Visiting Students

Take a class at FCC to transfer back to your four-year college/university. It's less expensive and will move you closer to your degree at your native institution. Follow the simple steps below:

1. First-time students and former students who have not attended FCC in two years: apply at frederick.edu. Your admission letter and ID number will be mailed to your permanent address. You must have this ID number to register online.
2. Obtain a permission to enroll form* from the Registrar's Office at your home college, or a copy of your transcript that shows proof of having met FCC prerequisites.
3. You can then register in one of four ways:

- a. Send an email to registration@frederick.edu. Include your FCC ID number and PDF copies of your permission to enroll form* or transcript. Permission will be entered into the Student Information System to allow web registration.
- b. Register online using our PeopleSoft system if the required prerequisite has been evaluated by FCC and stored in the system.
- c. Register in person with your permission to enroll form* or your unofficial transcript showing you have met the prerequisite.
- d. Mail your permission to enroll form* to Registration and Records, Frederick Community College, 7932 Opossumtown Pike, Frederick MD 21702. Include an email address where you can be contacted. Permission will be entered into the Student Information System to allow web registration.

For more information, visit frederick.edu/enroll-now/visiting-students

Students may not attend a class if they have not registered for that class and made payment arrangements.

** Colleges and universities may use different terminology for this document. Inquire with your school about necessary transfer forms.*

Student Services Available Online

Use your online PeopleSoft student account to activate your myFCC email account.

- Register and adjust classes (drop/add)
- View degree requirements; plan your courses
- View and print your class schedules and grades
- View your financial aid information
- Sign up for the payment plan
- Print unofficial transcripts and request official transcripts
- View transfer credit
- Make a payment
- View your grades

To Log in go to <http://myFCC.frederick.edu>

- Click on **PeopleSoft** in the green navigation bar
- User ID is a capital W and your 7 digit student ID number
- Enter your password, or select 'reset password' if you've never logged in before, or if you have forgotten your password
- This log-in is **case sensitive**

To find courses needed in your Degree Plan:

From Student Center, under Academics, click on My Academics

- Click on View My Degree Plan link
- Read pop-up message; click OK to confirm you've read it
- Click on expand all (blue button) to open all sections
- Read information sections at the top of your Degree Plan
- Scroll down to find courses needed in your major listed in separate sections (English, Math, Social & Behavioral Sciences, Arts, Humanities, Communications, etc.)
- Click on course name for description of course and prerequisite info

To enroll in courses from your Degree Plan:

- Click view class sections and scroll down to see available class times (you may need to click "view all" to see all the sections you can choose from)
- Find the section you want; click Select to choose it
- Review class information for day/time/location
- Click next to add class to your shopping cart
- A green box appears at the top of the page confirming the class was added to cart
- Click the link Return to My Degree Plan to go back to Degree Plan to look up next course and repeat steps
- When all courses are in shopping cart, scroll to top of page, click blue Enroll tab
- Review shopping cart for accuracy; click Proceed to Step 2 of 3
- Read payment info, then click OK to continue
- Click Finish Enrolling
- Click my class schedule to verify schedule

To enroll in a class using the class number from the credit schedule (ex., 1009):

- Self Service > Student Center
- Under Academics heading, click on Enroll
- Select semester if option appears; click Continue
- Enter Class Number (4-digit for fall/spring, 3-digit for Summer; click Enter
- Review course info; if correct click Next
- You can add more classes or click Proceed to Step 2 of 3
- Review schedule, then click Finish Enrolling to complete the registration process
- Print a copy for your record

Making Changes

Schedule changes/withdrawals: You can drop/add on the Web. You can also make changes in person at the Welcome Desk.

To drop a credit course/adjust your schedule:

- From **Student Center**, under **Academics**, click on **Enroll**
- Click **drop** from the menu under the Enroll tab
- Select semester (term) if option appears; click **Continue**
- Click the box in front of the class you wish to drop
- Click **drop selected classes**
- Confirm course to be dropped is correct
- Click **Finish Dropping**
- Click on **My Class Schedule** (top of page) to verify schedule changes
- Add a class, if needed, using directions above

Name/Address/Academic Plan changes

Any changes to name, address, or academic plan must be done in person at the Welcome Desk in Jefferson Hall using the appropriate form.

Canceled courses

FCC reserves the right to cancel courses due to insufficient enrollment. You will be notified via your MyFCC email account by the academic department if your class is canceled. You will receive a full refund.

Residency Policy and Procedures

I. Philosophy and Purpose

The determination of residency or domicile for tuition purposes is governed by the Frederick Community College Board of Trustees in accordance with Maryland State law. For the purpose of establishing differential tuition, the following procedure applies to both full and part-time students.

A student's legal residence is determined at the time he/she applies to the College. The burden of proof of residency is to be upon the student, and he/she will be required to certify by signature to the accuracy of the information provided on the College application.

Students will be considered in-county, out-of-county, or out-of-state for tuition calculation. Students whose legal residence is outside the county or the State of Maryland pay a higher tuition rate than those whose legal residence is within the county, unless they are eligible for a waiver or reduction in tuition. See related Tuition and Fees Policy and Procedures.

II. Definitions for the Purpose of this Policy and Procedures

- A. **"Domicile"** refers to the permanent place of abode, where physical presence and possessions are maintained with the intention of remaining indefinitely; or the permanent place of abode of any person or persons contributing more than ½ of the student's financial support during the most recently completed year. Only one domicile may be maintained by a student.
- B. **"Maryland resident"** refers to an individual who has maintained a domicile in Maryland for at least three (3) months before becoming an enrolled student.
- C. **"Enrolled student"** refers to an individual who is registered at the College, either full or part-time, in a credit or continuing education class or classes, who has either paid or made arrangement for payment of tuition and/or fees, and whose participation in a class has been verified.

D. In-County:

1. **"Non-dependent Maryland resident students"** refers to in-county residents if, at the time of their application, are domiciled in Frederick County for three (3) consecutive months prior to application.
2. **"Dependent Maryland resident students"** refers to an unmarried individual claimed by parent(s) or guardian(s) as an income tax exemption in the previous taxable year and are considered to be "in-county" residents if, at the time of their application, their parent(s) or guardian(s) are domiciled in Frederick County for three (3) consecutive months prior to application.

E. Out-of-County:

1. **"Non-dependent Maryland resident students"** refers to out-of-county residents in the State of Maryland if, at the time of their application, they are domiciled in another county in the State of Maryland, or if they have lived in Frederick County less than three months.
2. **"Dependent Maryland resident students"** refers to out-of-county residents in the State of Maryland if, at the time of their application, their parent(s) or guardian(s) are domiciled in another county in the State of Maryland, or if they have lived in Frederick County less than three months.

F. Out-of-State:

1. **"Non-dependent students"** refers to residents of another state if, at the time of their application, they are domiciled outside of the State of Maryland, or if they have lived in Frederick County less than three months.

2. **"Dependent students"** refers to residents of another state if, at the time of their application, their parent(s) or guardian(s) are domiciled outside of the State of Maryland, or if they have lived in Frederick County less than three months.

III. Military Personnel, Veterans, and their Dependents

A. Military Personnel and their Dependents

1. Who are stationed, living, or domiciled in Maryland, and their spouses and dependents, who are entering the College for the first time, are considered residents of Frederick County. If the armed services member moves out of the state, the dependents and spouse may maintain in-county residence as long as they stay continuously enrolled in courses at the College.
2. Who have relocated to Maryland as a result of the Base Realignment and Closure process (BRAC), will be granted a waiver of the three (3) months residency requirement. The employee or his/her dependent must present a letter from an employer on company letterhead, confirming that their relocation to Maryland and/or Frederick County was a result of the BRAC process. For purposes of tuition rates, eligible employees and dependents will be treated as in-county residents if they locate in Frederick County; they will be treated as out-of-county but in-state residents if they locate outside of Frederick County but within Maryland.

B. Veterans and their Dependents

1. Veterans and their dependents using the Post-9/11 G.I. Bill, Montgomery G.I. Bill, Vocational Rehabilitation and Employment (VR&E), or the Marine Gunnery Sergeant John David Fry Scholarship shall be charged a rate of tuition not to exceed the in-state rate for tuition and fees purposes.
 - a. A Veteran using educational assistance under either Chapter 30 (Montgomery G.I. Bill – Active Duty Program) or Chapter 33 (Post-9/11 G.I. Bill), of title 38, United States Code, and enrolls in the College within three years of discharge or release from a period of active duty service of 90 days or more will be granted in-county tuition (regardless of his/her formal State of residence).

- b. A Veteran using educational assistance under Chapter 31, Vocational Rehabilitation and Employment (VR&E), and enrolls in the College within three years of discharge or release from a period of active duty service of 90 days or more will be granted in-county tuition (regardless of his/her formal State of residence) effective for courses, semesters, or terms beginning after March 1, 2019.
- c. A dependent using transferred Post-9/11 G.I. Bill benefits (38 U.S.C. § 3319) and enrolls in the College within three of the transferor's discharge or release from a period of active duty service of 90 days or more will be granted in-county tuition (regardless of his/her formal State of residence).
- d. Anyone described above while he or she remains continuously enrolled (other than during regularly scheduled breaks between courses, semesters, or terms) at the College. The person so described must have enrolled in the College prior to the expiration of the three year period following discharge or release as described above and must be using educational benefits under Chapter 30, Chapter 31, or Chapter 33, of title 38, United States Code.
- e. A dependent using benefits under the Marine Gunnery Sergeant John David Fry Scholarship (38 U.S.C. § 3311 (b)(9)) will be granted in-county tuition (regardless of his/her formal State of residence).
- f. A dependent using transferred Post-9/11 G.I. Bill benefits (38 U.S.C. § 3319) while the transferor is a member of the uniformed service who is serving on active duty will be granted in-county tuition (regardless of his/her formal State of residence).
- 2. Veterans and their dependents (not using Chapter 30, Chapter 31, or Chapter 33 benefits or the Marine Gunnery Sergeant John David Fry Scholarship) who are stationed, living, or domiciled in Maryland who are entering the College for the first time, are considered residents of Frederick County. If the veteran moves out of the state, the dependents and spouse may maintain in-county residence as long as they stay continuously enrolled in courses at the College.

IV. International and Foreign National Students

- A. A foreign national lawfully eligible for study in the United States may be considered a resident for tuition purposes if he/she meets the domicile requirements stated in this procedure. A foreign national lawfully admitted to the United States on a visa type with a corresponding "date-certain" authorized stay may not be considered a resident for tuition purposes. A foreign national lawfully eligible for study in the United States on certain visa types with an indeterminate authorized stay may be considered as a Maryland resident for tuition purposes, if the domicile requirements of this procedure have been satisfied.
- B. The following visa status (*chart to the right*) types determine residency as indicated:

Visa		
A	Diplomats, family, staff	In-County
B	Temporary visitor	See (c) below
C	Aliens in transit	Out-of-State
E	Treaty trader-Taiwan only	In-County
F	Student and dependents	Out-of-State
G	Representative of a world organization	In-County
H1 and H4	Temporary worker and dependents	In-County
H2 and H3	Other specialty workers	Out-of-State
I	Foreign media/journalist	In-County
J	Exchange visitor, Au pair, scholar	Out-of-State
K	Fiancé of U.S. citizen/Frederick County resident	In-County
L	Intra-company transferee	In-County
M	Foreign vocational student, dependents	Out-of-State
R	Religious worker	In-County
TN	Professionals under NAFTA agreement	Out-of-state
V	Spouse or child of permanent resident	In-County
Permanent Resident; Green Card; Refugee, Asylee		In-County

- C. Individuals in "B Temporary Visitor Status" are not allowed to engage in a course of study leading to a degree or academic certificate. In certain cases, B visa holders can participate in courses which are recreational and do not lead to a degree. Out-of-state tuition rates will apply.
- D. Students who are in the category of "Deferred Action Childhood Arrivals" (DACA), or "Temporary Protected Status" (TPS) are eligible to establish in-state/in-county residency for tuition purposes.
- E. In-county residency status for eligible "International/Foreign National Students" must meet the same three (3) months requirements and proof of residency documents as all other students.
- F. An individual's immigration status may not preclude award of MD residency under this policy if the individual has the legal capacity to establish domicile in Maryland.

V. Dream Act

- A. Students who have met the eligibility requirements outlined in the Maryland Dream Act will be granted the opportunity to receive in-county tuition. The student must present an affidavit to Registration & Records stating that he/she will file an application to become a permanent resident within 30 days of becoming eligible to do so.
- B. Students who live in Frederick County or in Maryland, and qualify for in-county or in-state tuition, as outlined by the Maryland Dream Act, will remain undocumented immigrants. U.S. residency status is processed, determined and completed by the U.S. government.

VI. Proof of Residency

In accordance with Maryland State and Federal Law, any of the following factors will be considered to be proof of legal residency:

- A. Substantially uninterrupted physical presence, including the months when the student is not in attendance at the college, as evidenced by ownership or rental of living quarters in which the student resides. (12-month lease or mortgage)
- B. Payment of Maryland state and local income taxes. (MD 502 Tax Form)
- C. Registration to vote in Frederick County and/or the state. (Voters Registration Card)
- D. Registration of a motor vehicle in the state, with a local address specified, if the person owns such a vehicle. (Motor Vehicle Registration Card)

- E. Possession of a valid Maryland driver's license, with a local address specified, if the person is licensed anywhere to drive a motor vehicle, or a valid Maryland MVA-issued ID. (Driver's license or MVA issued ID card)
- F. Active duty military personnel, honorably discharged veterans, spouses and dependents who reside, are stationed, or domiciled in Maryland are exempt from the 3-month requirement and are considered in-county once proof is shown. (Military orders, letter from Education Officer, DD214 and any of the residency factors listed above).

VII. Reclassification of Residency

- A. Students requesting reduced tuition rate based on a change in residency must submit proof of actual address change as defined in Section VI to Registration & Records and complete the "Change of Address" form available either online at frederick.edu or in the Admissions in Jefferson Hall. The proof of residency and "Change of Address" form must be submitted in one of the following ways:
 1. in-person to Registration & Records in Jefferson Hall,
 2. online through personal "myfcc" email account to registration@frederick.edu,
 3. by fax (301.624.2799), or
 4. via U.S. postal mail.
- B. Request for change in residency classification must be submitted prior to the "last day to add" for the first session for which the student is enrolled in order to be changed for that session. Residency is not retroactive. A student who changes his/her residency during a semester and provides proof after the "last day to add" will have their residency adjusted for the following semester.
- C. In order to comply with USPS regulations regarding bulk and pre-sort mailings, the College verifies current addresses of students with the National Change of Address (NCOA) listing every 90 days. If there has been a change of address that effects residency, the student will be notified by email and tuition will be adjusted for the following semester as follows:
 1. A student moving to a higher tuition rate based on their residency will have their residency automatically changed to reflect their new residency status.
 2. A student moving to a lower tuition rate based on their residency will bear the burden of proof of the new residency status.

The College's official version of the Residency Policy & Procedures is on its website (frederick.edu) and may be revised annually.

In-county Tuition Rate for Employees of Frederick County Business & Industry

FCC offers an agreement that allows eligible employees of Frederick County businesses to take classes at in-county tuition rates. For details, please call the Student Accounts Office at 301.846.2456.

Veterans Educational Benefits

FCC is approved by the Maryland Higher Education Commission to train eligible veterans, dependents, and active duty personnel. If you are not sure what type of VA benefits you qualify for, you may contact the VA Regional Office's toll-free number 1.888.442.4551 or visit the VA website at gibill.va.gov. To learn more about the FCC services available to veterans and their families, please visit frederick.edu/veterans. This website includes links for more comprehensive information.

FCC contact for GI Bill use: Rachel Nachlas, Director of Veteran and Military Services and VA Certifying Official, rnachlas@frederick.edu.

For tuition assistance, National Guard waiver, or MyCAA use, please contact the Student Accounts Office.

Student Refunds

Eligibility for a tuition refund is based on the date of your withdrawal. See the Academic Sessions on page 1 for those dates. The student refund process begins after the second week of classes. Students who pay with a credit card will be refunded directly back to the card if 60 days from the original transaction date. Greater than 60 days and all other academic refunds, including financial aid and scholarship refunds, will be refunded through BankMobile to a selected bank account. Please visit refundselect.com to set up your banking information to ensure your refund preference is activated. For more information, please contact Student Accounts at 301.846.2456 or BankMobile at 1.877.405.1856. Additional information regarding tuition refund appeals is shown in the Tuition and Fees Policy and Procedures.

Senior Citizen Tuition Benefit Policy

Students age 60 and older who are Maryland residents may take credit classes at FCC tuition-free if they register beginning August 3 for Fall 2019 semester. Students must pay fees. See the Tuition & Fees on page 2 for an explanation of fees and payment due dates. You can register before this date to reserve space, but you will have to pay full tuition and will not be eligible for the tuition-free benefit. There is no waiver of fees.

Students with Disabilities

HB104, enacted by the 2011 Maryland General Assembly, redefines the tuition waiver for community college students with disabilities as those out of the work force by reason of total and permanent disability. HB104 supersedes previous legislation and proposes significant changes to Section 16-106c of the Education Article, Annotated Code of Maryland. HB53, effective July 1, 2012, allows for Workforce Development & Continuing Education students to receive disability waivers for qualifying classes. Eligibility for this tuition waiver is as follows:

Any resident of Maryland who is out of the workforce due to total and permanent disability who enrolls in a class that has at least ten regularly enrolled students is exempt from payment of tuition as defined in Section 16-106, Education Article, Annotated Code of Maryland.

An individual can take up to 12 credits per semester if enrolled in classes as part of a degree or certificate program designed to lead to employment. Individuals not enrolled in a degree or certificate program will be limited to six credits per semester.

In order to receive this waiver of tuition:

1. An individual must provide the College with certification of their total and permanent disability from the Social Security Administration, the Railroad Retirement Board, or in the case of a former federal employee, the Office of Personnel Management.
2. Individuals enrolled in a degree or certificate program must apply for any state or federal student financial aid. Payment for all course fees will be required in order to have classes held. Please refer to the payment chart listed within the Financial Aid section.
 - a. Any student financial aid, other than a student loan, received by the student shall be applied first to pay the individual's tuition.
 - b. The waiver shall apply to the difference, if any, between the charge for tuition and the financial aid award, not including a student loan that the individual receives.

FINANCIAL AID

While FCC is affordable compared to other colleges, tuition, fees, books, and other college expenses can stretch anyone's budget. Our Financial Aid staff (301.846.2620) can help you consider all options and sources for funds including scholarships, grants, work-study opportunities, and different types of loans.

Students can only receive financial aid for courses that are required for their declared degree program. Students are encouraged to meet with an academic advisor to ensure they are enrolled in required course work.

Application Process

1. Complete the 2019–2020 Free Application for Federal Student Aid (FAFSA) online at fafsa.gov and list the school code in step 6 (002071). Deadline to apply is June 30, 2020.
2. Upon receipt of your FAFSA data, Financial Aid will contact you regarding eligibility and/or to request additional documentation. Students who are selected for verification will be required to submit additional documentation such as IRS Tax Transcript. Students should check their "To Do" list in PeopleSoft for a list of required documents.
3. Students who wish to pursue their student loan eligibility are required to complete additional steps. The loan application process is outlined at frederick.edu.

If you apply after the deadline and your file has not yet been processed, it is your responsibility to make payment arrangements.

Detailed information on all financial aid programs can be found at frederick.edu under the financial aid section.

Recommended deadlines for the Fall 2019 semester:

A financial aid file is considered complete when all required documents have been received. Students will be able to view their financial aid awards in PeopleSoft. For students who have a complete file but have not yet been awarded by the payment due date there are payment plan options available, and based on your file, you may qualify for our Pending Financial Aid payment plan until classes begin.

If you register for classes between	FAFSA and all required documentation must be completed by	Payment due by
4/22-7/26, 4:00 p.m.	6/15	7/26, 4:30 p.m.
4/26-8/9, 4:00 p.m.	7/1	8/9, 4:30 p.m.
8/9-8/23, 4:00 p.m.	Must pay in full or enroll in payment plan	8/23, 4:30 p.m.
After 8/23	Must pay in full or enroll in payment plan	If enrolled after 8/24 by session start date.

Pending Financial Aid Payment Plan

This is an option for you if:

- FCC has received your 2019-2020 FAFSA and you have a valid EFC (Expected Family Contribution)
- You have submitted all required items on your "to do" list in Peoplesoft
- You are not suspended from financial aid; and
- You are not in default on a prior student loan

Note: Please allow 48-72 hours for FCC to receive your FAFSA after you complete at fafsa.gov.

If award showing in PeopleSoft is greater than your tuition balance, no further action is needed.

If less, you must pay the difference in full or sign up for the pending financial aid payment plan by the due date to avoid the Drop Zone. See drop dates listed on page 2.

If you have an incomplete file, you must sign up for the regular payment plan by the due date to avoid the Drop Zone or pay in full.

If you have a completed file but are waiting for the award, you must sign up for the pending financial aid payment plan by the due date or pay in full to avoid the Drop Zone. Log into PeopleSoft as you may qualify for the deferred pending aid payment plan.

If you sign up for the pending financial aid payment plan, you are responsible for charges not covered by financial aid.

Scholarships

FCC offers institutional scholarships. Students can apply using the online system which is located on the financial aid page at frederick.edu. The Academic Works system is open for applications:

- April 1 - June 30 for Fall 2019

Contact Michael Thornton, Scholarship Program Manager in the FCC Foundation Office, 301.846.2438 to explore your options.

Services for Students with Disabilities

The College provides support services to maximize independence and encourage the integration of students with disabilities into all areas of college life. The particular needs of each student are considered on an individual basis. Students with disabilities are encouraged to contact the Services for Students with Disabilities Office as early as possible after applying for admission. Reasonable accommodations, based on documentation, are then offered to qualified students for courses and placement testing. Students in need of sign language interpreting services should contact the Coordinator for Deaf and Hard of Hearing Services a minimum of two weeks prior to the beginning of classes to ensure services are in place.

Contact Information:

Services for Students with Disabilities Office
301.846.2408; DisabilityServices@frederick.edu

Coordinator for Deaf & Hard of Hearing Services
301.846.2476 (Voice), 240.575.1803 (VP) or via email at Interpreting@frederick.edu

BOOKSTORE

The bookstore is located at the main entrance of the Student Center, Building H.

Bookstore Calendar

August 5 Financial Aid and textbook rentals available for fall semester

August 24 (Saturday) 10:00 a.m. - 2:00 p.m.

November 5 Bookstore closed

November 27 – 29 Bookstore closed

December 10, 11 & 12 Textbook buyback from 9:00 a.m. - 6:00 p.m.

December 16 & 17 Textbook buyback from 9:00 a.m. - 6:00 p.m.

December 20 – January 1 Bookstore closed

Buying/Renting Books

Visit bookstore.frederick.edu to see what books and materials are needed for your courses. You may order books to be shipped to your address, or to be held for pick-up at the FCC Bookstore, which is located on the first floor of the Student Center.

Some course books are available to rent from the FCC Bookstore. All book rentals must be secured with a credit card, and may be paid for with cash, check, or credit card. Students must be 18 or older to rent books and must provide a valid Student ID. Students younger than 18 must have a parent sign for the rental.

You may order online at bookstore.frederick.edu using credit card or financial aid.

If you have set up a payment plan for tuition, you may be eligible to add your textbooks to that plan. Contact the Student Accounts Office at 301.846.2456 or the Bookstore at bookstore@frederick.edu.

Family Educational Rights & Privacy Act of 1974 (FERPA)

FERPA, commonly known as the Buckley Amendment, was issued by the Department of Health, Education and Welfare in the 1976 Federal Register. The regulations were transferred to the Department of Education when it was established and codified in Part 99 of Title 34 of the Code of Federal Regulations.

The purpose of FERPA is to afford certain rights to students concerning their educational records. FERPA applies to all schools that receive funding under most programs administered by the Secretary of Education. Most postsecondary institutions, both public and private, generally receive such funding and must, therefore, comply with FERPA.

FERPA applies to all education records maintained by a postsecondary institution, or by any party acting for the institution, which are directly related to the student. These include, but are not limited to, assessment test scores, academic standing, rosters, class schedule, or any information that would make the student's identification easily traceable. FCC may release directory information, which includes student's name, dates of attendance, and enrollment status—see the FCC catalog for a complete list.

Students wishing to restrict directory information or grant additional access must contact the Welcome Center (in writing) with their request. There is no expiration date for these access exceptions. Contact the Welcome Center for additional information.

PHONE DIRECTORY

College Information	301.846.2400
Admissions	301.624.2716
Adult Services	301.846.2483
Athletics	301.846.2500
Bess & Frank Gladhill Learning Commons/Library	301.846.2444
Bookstore	301.846.2463
Carl & Norma Miller Children's Center	301.846.2612
Center for Student Engagement	301.624.2793
Center for Teaching & Learning	301.846.2521
Continuing Education & Workforce Development	301.624.2888
Counseling & Advising Services	301.846.2471
Distributed Learning	301.846.2401
Dual Enrollment/Open Campus	240.629.7886
FEMA Program and Transcripts	301.624.2854
Financial Aid	301.846.2620
International Education	301.846.2521
Internships	301.624.2724
Multicultural Student Services	301.846.2531
Prior Learning Assessment	301.846.2587
Registration & Records	301.846.2431
Security	301.846.2453
Services for Students with Disabilities	301.846.2408
STEM Learning Center	240.629.7839
Student Accounts (Cashier's Office)	301.846.2456
Testing Center	301.846.2522
Transcript Evaluation (Incoming Transcripts)	301.846.2595
Transcript Requests (Outgoing official transcripts)	301.846.2653
Tutoring & Writing Center	301.846.2619
Veteran and Military Services	301.624.2836

PROGRAM CONTACT LIST

Allied Health and Wellness

Academic Office Manager (L-101A): Ann Geyer	301.846.2605
Health & Exercise Sciences: Jan Sholes	301.846.2503
Medical Assistant: Michele Tertel	301.624.2845
Nuclear Medicine: Michele Tertel	301.624.2845
Respiratory Care: Rhonda Patterson	301.846.2528
Surgical Technology: Nancy Dankanich	301.846.2506

Computing and Business Technology (CBT)

Academic Office Manager (C-220): Doree Lynn Miles	301.846.2505
Accounting, CPA Prep: Mike Martin	301.846.2543
Computer Aided Design Technology: Dr. Renee Davis	301.846.2587
Business Administration, Business Management, Economics: Dr. Karen A. Wilson	301.624.2848
Computer Science, Data Science, Information Systems Management, Information Technology-all options, Cybersecurity: Dr. Andy Yao	301.846.2410
Construction Management Technology: Dr. Renee Davis	301.846.2587
Paralegal: Dr. Tracy Parker	301.624.2819
STEM (Technology): Dr. Andy Yao	301.846.2410

Communications, Humanities & Arts (CHA)

Academic Office Manager (F-143): Karen Santelli	301.846.2512
American Sign Language Studies, Sign Language Interpreter Prep: Leslie Puzio	301.624.2783
Art: Wendell Poindexter	301.846.2513
Audio Production: Jonathan Cresci	301.624.2844
Communications Speech: Dr. Kathy Brooks	301.846.2635
Graphic Design & Photography: Lisa Sheirer	301.846.2637
Film & Video Production: Jason Santelli	301.846.2533
Humanities/Philosophy: Dr. Kathy Brooks	301.846.2635
Music: Dr. Paula Chipman	301.846.2566
Theatre: Tad Janes	301.846.2515
World Languages: Ana María Pinzón	301.624.2843

Construction & Building Trades (The Monroe Center)

Office Manager (Monroe, Main Lobby): Cheryl Concannon	240.629.7903
Program Manager: Chuck LoSchiavo	240.629.7902

Emergency Management

Program Manager (E-102): Sam Lombardo	240.629.7952
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English

Academic Office Manager (H-243): Cheryl Peterson	301.846.2600
Developmental English: Joe Healey	301.846.2633
English as a Second Language (A106C): Kathy Green	240.629.7925

Honors

Dr. Bruce Thompson	301.846.2535
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Hospitality, Culinary and Tourism Institute (HCTI) (The Monroe Center)

Institute Manager: Elizabeth DeRose	301.846.2404
Administrative Associate: Shela Stewart	240.629.7912

Internship & Apprenticeships

Internship & Apprenticeship Coordinator: Carla Milan	301.624.2724
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Mathematics

Academic Office Manager (B-228): Jeanne Nesbitt	301.846.2530
Mathematics: Mary Mogan-Vallon	240.629.7825
Developmental Coordinator: Kylenea Cross	240.629.7835
STEM Learning Center Coordinator: Brian Penko (B-212)	240.629.7839

Nursing

Director of Nursing Education, Nursing: Vanessa Lovato	301.846.2607
Academic Office Manager (L-114G): Marie Lalor	301.846.2524

Science

Academic Office Manager (C-118): Sharon Smith	301.846.2510
Bioprocessing Technology: Dr. Judy Staveley	301.846.2564
STEM (Science) Biology and Chemistry: Dr. Teresa Calzonetti	301.846.2557
Engineering: Dr. Perry Wood	301.846.2554

Social Sciences

Academic Office Manager (H-242): Nicole Welch	301.846.2507
Anthropology/Archaeology, History, Political Science: Dr. Bruce Thompson	301.846.2535
Criminal Justice: Dr. Bruce Thompson	301.846.2535
Early Childhood Education/Early Childhood Special Education, and Early Childhood Development: Delaine Welch	301.846.2559
Elementary Education/Elementary Special Education, Secondary Education: Heather Hinkle	301.846.2461
Geography, Sociology: Dr. Bruce Thompson	301.846.2535
Human Services: Dr. Bruce Thompson	301.846.2535
Psychology: Dr. Bruce Thompson	301.846.2535

Public Safety

Fire Service Administration, Police Sciences: Robin Shusko	301.846.2673
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GENERAL EDUCATION COURSES

Fall 2019 Offerings

1. Arts & Humanities

Arts

Music

MUSC 101 - Music History and Appreciation (3)
MUSC 103 - Fundamentals of Music (3)
MUSC 109 - American Popular Music (3)
‡ MUSC 201 - Music Cultures of the World (3)

Visual Arts

ARTT 100 - Introduction to the Creative Arts (3)
ARTT 101 - Foundations of Studio Art I (3)
‡ ARTT 103 - The History of Art: Non-Western (3)
‡ ARTT 104 - The History of Art: Prehistoric to Early Renaissance (3)
‡ ARTT 105 - The History of Art: Renaissance to Modern (3)
ARTT 106 - Drawing I (3)
ARTT 113 - Pottery I (3)
FILM 101 - Introduction to Film (3)
GRPH 105 - Basic Darkroom to Digital Photography (3)

Theatre

THEA 101 - Introduction to Theatre (3)

Communications

COMM 101 - Introduction to Communication Studies (3)
COMM 103 - Public Speaking (3)
COMM 103H - Public Speaking (3)
‡ COMM 105 - Small Group Communication (3)
COMM 107 - Career Communication (3)
COMM 109 - Basic Conflict Mediation (3)
COMM 111 - Introduction to Mass Communication (3)
ENGL 102 - English Composition and Literature (3)*
‡ ENGL 241 - Journalism Publication Practicum (3) +

Humanities

HUMN 104 - Humanities in a Digital World (3)
‡ HUMN 105 - Cultural Studies: Latin America (3)
‡ HUMN 204 - World Religions (3)
HUMN 223 - Classical Mythology (3)

English

ENGL 102 - English Composition and Literature (3)*
ENGL 201 - British Literature Anglo-Saxon Period to the Eighteenth Century (3)
ENGL 203 - American Literature Pre-Colonial through Civil War Periods (3)
‡ ENGL 205 - World Literature through 1650 C.E. (3)
ENGL 216 - The Short Story (3)
‡ ENGL 227 - Multiculturalism and Literature: Borders, Boundaries, and Belonging (3)
ENGL 231 - English Language Studies (3)
ENGL 231H - English Language Studies (3)
‡ ENGL 241 - Journalism Publication Practicum (3) +

Languages

American Sign Language

ASLS 121 - American Sign Language I (3)
ASLS 122 - American Sign Language II (4)
‡ ASLS 124 - Introduction to Deaf Community and History (3)
ASLS 223 - American Sign Language III (4)
ASLS 224 - American Sign Language IV (4)
ASLS 225 - American Sign Language V (4)

Chinese

CHIN 101 - Introductory Chinese I (4)

French

FREN 101 - Introductory French I (3)

German

GERM 102 - Introductory German II (3)

Latin

LATN 101 - Introductory Latin I (3)

Russian

RUSS 101 - Introductory Russian I (3)

Spanish

SPAN 101 - Introductory Spanish I (3)
SPAN 102 - Introductory Spanish II (3)
‡ SPAN 201 - Intermediate Spanish I (3)
SPAN 211 - Spanish Conversation I (3)

Philosophy

PHIL 101 - Introduction to Philosophy (3)
PHIL 105 - Ethics (3)
PHIL 206 - Symbolic Logic (3)
PHIL 207 - Biomedical Ethics (3)
PHIL 208 - Business Ethics (3)

2. English

ENGL 101 - English Composition (3)
ENGL 101H - English Composition (3)

3. Interdisciplinary & Emerging Issues

Computer Literacy

CMIS 101 - Information Systems and Technology (3)
CMIS 106 - Object Design and Programming (3)

Emerging Issues

‡ ACCE 110H - Academic Engagement Seminar (3)
‡ BMGT 281 - Global Awareness in the Work Environment (3)
EMGT 101 - Disaster, Crisis, and Emergency Management (3)

Wellness

HLTH 150 - Health Education (3)
NUTR 102 - Nutrition in a Changing World (3)
PHED 165 - Fitness for Living (3)

Effective Summer 2019, most credit courses have been renumbered. The former course numbers are listed in the course descriptions when applicable. A reference document of the old and new course numbers can also be found on the web at <https://www.frederick.edu/class-schedules.aspx?cid=schedules-top-link>.

4. Mathematics

MATH 101 / MATH 101A - Foundations of Mathematics (3)
MATH 110 - Fundamental Concepts of Mathematics I (4)
MATH 120 / MATH 120A - Statistics (3)
MATH 125 - Business Statistics (3)
MATH 127 - Statistics with Probability (4)
MATH 145 / MATH 145S - College Algebra (3)
MATH 165 - Precalculus (4)
MATH 175 - Applied Calculus (3)
MATH 185 - Calculus I (4)
MATH 195 - Calculus II (4)

5. Biological & Physical Sciences

BIOT 130 - Forensic Biology (4)
BIOT 140 - Biotechnology and Society (3)
BSCI 100 - Fundamental Concepts of Biology (4)
BSCI 105 - Human Ecology (3)
BSCI 106 - General Ecology (4)
BSCI 107 - Study of the Human Body (3)
BSCI 117 - Human Biology (4)
BSCI 150 - Principles of Biology I (4)
BSCI 160 - Principles of Biology II (4)
BSCI 201 - Anatomy and Physiology I (4)
BSCI 202 - Anatomy and Physiology II (4)
BSCI 223 - Microbiology for Allied Health (4)
CHEM 100 - Chemistry and Society (4)
CHEM 101 - General Chemistry I (4)
CHEM 102 - General Chemistry II (4)
PHSC 101 - Survey of Physical Science (3)
PHSC 104 - Survey of Oceanography (3)
PHSC 104H - Survey of Oceanography (3)
PHSC 105 - Survey of Meteorology (3)
PHSC 111 - Introduction to Physical Science (4)
PHSC 112 - Introduction to Earth Systems Science (4)
PHSC 115 - Introduction to Meteorology (4)
PHSC 117 - Introduction to Astronomy (4)
PHSC 121 - Physical Geology (4)
PHYS 121 - Fundamentals of Physics I (4)
PHYS 151 - General Physics I (4)
PHYS 252 - General Physics II (4)

6. Social & Behavioral Sciences

Anthropology

‡ ANTH 101 - Introduction to Anthropology (3)

Economics

ECON 201 - Principles of Macroeconomics (3)
ECON 201H - Principles of Macroeconomics (3)
ECON 202 - Principles of Microeconomics (3)

Education

EDPS 210 - Human Growth and Development (3)
EDPS 210H - Human Growth and Development (3)
EDUC 110 - Schools and Society (3)

Geography

GEOG 101 - Elements of Geography (3)
‡ GEOG 102 - Cultural Geography (3)

History

HIST 101 - History of Western Civilization I (3)
HIST 102 - History of Western Civilization II (3)
‡ HIST 121 - World History I (3)
HIST 201 - History of the United States I (3)
HIST 202 - History of the United States II (3)
‡ HIST 217 - African-American History (3)

Human Services

‡ HUMS 102 - Human Relations (3)

Political Science

POSC 104 - American Government (3)

Psychology

PSYC 101 - General Psychology (3)
PSYC 101H - General Psychology (3)
PSYC 202 - Social Psychology (3)

Sociology

SOCY 101 - Introduction to Sociology (3)
‡ SOCY 102 - Social Problems (3)
‡ SOCY 210 - Ethnic Diversity (3)
‡ SOCY 212 - Gender and Society (3)

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‡ Course satisfies Cultural Competence Requirement

* ENGL 102 can be taken to satisfy either the General Education requirement in Communications or in Humanities, but not both

+ ENGL 241 can be taken to satisfy either the General Education requirement in Communications or in Humanities, but not both.

Cultural Competence Requirement

Developing cultural competence is essential for living and working in a diverse democratic society. As part of the College degree requirements, students must complete a class that is designated a cultural competence course. Cultural competence courses expose students to the knowledge and skills necessary to participate effectively in dynamic, evolving multicultural contexts. Following is a list of those courses that will fulfill the cultural competence requirement.

ACCE 110H - Academic Engagement Seminar
ANTH 101 - Introduction to Anthropology
ASLS 124 - Introduction to Deaf Community and History
ARTT 103 - The History of Art: Non-Western
ARTT 104 - The History of Art: Prehistoric to Early Renaissance
ASLS 124 - Introduction to Deaf Community and History
BMGT 281 - Global Awareness in the Work Environment
COMM 105 - Small Group Communication
ENGL 205 - World Literature through 1650 C.E.
ENGL 227 - Multiculturalism and Literature: Borders, Boundaries, and Belonging
ENGL 241 - Journalism Publication Practicum
GEOG 102 - Cultural Geography
HIST 121 - World History I
HIST 217 - African-American History
HUMN 105 - Cultural Studies: Latin America
HUMN 204 - World Religions
HUMS 102 - Human Relations
MUSC 201 - Music Cultures of the World
SOCY 102 - Social Problems
SOCY 210 - Ethnic Diversity
SOCY 212 - Gender and Society
SPAN 201 - Intermediate Spanish I

FALL 2019

CREDIT OFFERINGS

Blackboard Course Requirements

All course sections require access to Blackboard at <https://frederick.blackboard.com>. Students are expected to be able to access Blackboard via the internet using personal, public, or appropriate college-available computers. Blackboard access is also required to complete course evaluations.

ACCE: Academic and Career Engagement

ACCE 107 - Choosing a Major or Career (1)

Prerequisite or Co-requisite: ENGL 70 or ENGL 75 OR (ESOL 70 and ESOL 71) OR (ESOL 72 and ESOL 73) (formerly ACE 111A)

Provides tools and support for students to explore career options, majors, and credentials. Students will identify their own strengths, values, and interests and will prepare an academic plan to help them identify a course of study appropriate to their desired outcomes.

2194 ACCE107-1	TTH	12:30pm - 1:45pm	2nd 5-week
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ACCE 110H - Academic Engagement Seminar (3)

Gen Ed Emerging Issues; Cultural Competence

Prerequisite or Co-requisite: ENGL 70 or ENGL 75 OR (ESOL 70 and ESOL 71) OR (ESOL 72 and ESOL 73) (formerly ACE 101)

Introduces first-year students to current, real-world issues as they advance their critical thinking, communication, and research skills. Students will explore questions of local, national, and global significance through multicultural contexts, while building relationships with their classmates, instructor, and other college personnel. Additionally, students will use campus resources and co-curricular events to enhance their educational experience and foster their college success.

1972 ACCE110H-1C	MW	2:00pm - 3:15pm	15-week
2079 ACCE110H-2C	TTH	9:30am - 10:45am	13-week

Note: This web enhanced course requires completion of selected online assignments.

ACCE 130 - Career Assessment and Planning (3)

Prerequisite or Co-requisite: ENGL 70 or ENGL 75 OR (ESOL 70 and ESOL 71) OR (ESOL 72 and ESOL 73) (formerly ACE 110)

Develops critical methods needed to make a satisfying career decision based on research and goal setting strategies that lead to personal and professional success. Students will acquire the skills needed to make informed choices about their education and career. Students will evaluate their strengths, values, interests, and personality in order to identify possible career options. Students will learn techniques for researching career options and making decisions about their future while creating a learning/career portfolio upon which they can build throughout their college career.

1815 ACCE130-1	MW	12:30pm - 1:45pm	15-week
1816 ACCE130-2	TH	5:30pm - 8:30pm	13-week
2213 ACCE130-HYB1	TTH	9:30am - 10:45am	1st 7 1/2-week
1960 ACCE130-HYB2	TTH	9:30am - 10:45am	2nd 7 1/2-week

ACCT: Accounting

ACCT 100 - Business Accounting (3)

Prerequisite: ENGL 70 or ENGL 75 or ESOL 70 OR Co-requisite: ENGL 75

Demonstrates the accounting principles and procedures used by a business in setting up and maintaining records for reporting purposes. Topics include the accounting cycle, preparation of the financial statements, payroll and banking procedures, and computerized recordkeeping.

1883 ACCT100-1	TTH	8:00am - 9:15am	15-week	\$
1561 ACCT100-2	M	5:00pm - 7:35pm	15-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

ACCT 101 - Principles of Accounting I (3)

Prerequisites: ENGL 70 OR (ESOL 70 and ESOL 71)

Introduces the principles and procedures related to accounting theory and practice. The analysis of transactions under generally accepted accounting principles (GAAP) and their relationship to the financial statements are covered from a user's perspective.

1562 ACCT101-1	MW	11:00am - 12:15pm	15-week	\$
1563 ACCT101-2	MW	12:30pm - 1:45pm	15-week	\$
1564 ACCT101-3	TTH	8:00am - 9:15am	15-week	\$
2042 ACCT101-4	TTH	9:30am - 10:45am	15-week	\$
1565 ACCT101-5	TTH	11:00am - 12:15pm	15-week	\$
1566 ACCT101-6	TTH	12:30pm - 1:45pm	15-week	\$
1567 ACCT101-7	W	5:00pm - 7:35pm	15-week	\$
1568 ACCT101-HYB1	T	6:00pm - 8:35pm	1st 7 1/2-week	\$
1569 ACCT101-ONL1		ONLINE	15-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

ACCT 102 - Principles of Accounting II (3)

Prerequisite: ACCT 101

Continues the study of financial accounting principles and procedures from ACCT 101, with emphasis on the corporate form of business organization. Students will also be introduced to managerial accounting concepts used for planning and controlling the business enterprise.

1570 ACCT102-1	MW	9:30am - 10:45am	15-week	\$
1571 ACCT102-2	TTH	12:30pm - 1:45pm	15-week	\$
1884 ACCT102-3	W	5:00pm - 7:35pm	15-week	\$
1572 ACCT102-HYB1	T	6:00pm - 8:35pm	2nd 7 1/2-week	\$
1573 ACCT102-ONL1		ONLINE	15-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

ACCT 111 - Computerized Accounting (3)

Prerequisites: CMIS 101 and (ACCT 100 or ACCT 101)

Demonstrates the use of commercial software in managing the accounting functions of a business enterprise. Using a hands-on approach, students will learn how to set up a fully integrated accounting system to record sales invoices, collections, purchase invoices, disbursements, and payroll transactions. Students will also set up and maintain inventory and accounts receivable/payable subsidiary ledgers and prepare financial reports.

1574 ACCT111-HYB1	M	7:45pm - 9:15pm	15-week
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Note: Class meets on-campus 08/26 and 12/9; Students advised to purchase book with software from FCC Bookstore.

ACCT 201 - Intermediate Accounting I (4)

Prerequisites: (ACCT 100 and ACCT 101) or (ACCT 101 and ACCT 102)

Reviews generally accepted accounting principles and the conceptual framework of financial accounting. Provides an intensive study of accounting procedures, work papers, financial statement preparation, and disclosure of financial statement items. Analyzes revenue recognition concepts and the proper accounting for cash, receivables, and inventories.

1575 ACCT201-HYB1	M	5:00pm - 7:05pm	15-week
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ACCT 203 - Managerial Cost Accounting (3)

Prerequisite: ACCT 101

Presents accounting information that is used by managers for planning, directing and controlling the business. Both short-term operational planning and long-term strategic planning concepts are covered. Specific topics include accounting for product costs vs. period costs, job-order costing and process costing, cost behavior analysis, Cost-Volume-Profit (CVP) decision making, activity-based and standard costing, and capital budgeting.

1576 ACCT203-HYB1 W 5:00pm - 6:30pm 15-week

Note: Class meets on-campus: 9/4, 9/11, 9/18, 10/23, 10/30, and 11/6

ACCT 205 - Federal Income Tax Accounting (3)

Prerequisites: ACCT 100 or ACCT 101

Covers current federal revenue acts as they relate to business and individual tax procedures. Includes income inclusions and exclusions, exemptions, capital gains and losses and business and individual deductions. Encourages use of tax forms but requires independent analysis of taxable status and handling income-expense items.

1577 ACCT205-1 T 5:00pm - 7:35pm 15-week

ACCT 216 - Governmental and Not-for-Profit Accounting (3)

Prerequisites: (ACCT 100 and ACCT 101) or (ACCT 101 and ACCT 102)

Introduces the environment, characteristics, principles, and practices associated with governmental and not-for-profit accounting. Major areas explored include fund accounting, fund types, revenue and expenditure recognition, and financial reporting.

2247 ACCT216-HYB1 TH 5:00pm - 7:35pm 2nd 10-week

ANTH: Anthropology

ANTH 101 - Introduction to Anthropology (3)

Gen Ed Anthropology; Cultural Competence

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly AN 101)

Presents general patterns of the development of human culture and the basic principles of social anthropology and ethnology. Provides field work experience and emphasizes concepts of the modern practical views of anthropology.

2175 ANTH101-1 MW 12:30pm - 1:45pm 15-week
1697 ANTH101-2 TTH 8:00am - 9:15am 15-week
1698 ANTH101-3 F 11:00am - 1:30pm 15-week
1699 ANTH101-WE1 MW 9:30am - 10:45am 13-week

Note: This web enhanced course requires completion of selected online assignments.

1700 ANTH101-ONL1 ONLINE 13-week
1987 ANTH101-ONL2 ONLINE 2nd 7 1/2-week

ANTH 103 - Introduction to Archeology (3)

Cultural Competence

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly AN 103)

Emphasizes archaeological tools, methods, interests and interpretations. Techniques of recording, preserving and organizing data will be practiced. Involves scouting of sites, test diggings and research of the known historical past. Provides a field study of the area.

1701 ANTH103-1 TTH 9:30am - 10:45am 15-week

ARTT: Art

ARTT 100 - Introduction to the Creative Arts (3)

Gen Ed Arts

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly AR 100)

Introduces students to the areas of visual arts, dance, music, and theater through an exploration of representative works with a global perspective. The study of the creative arts will develop critical appreciation for the arts, enhance self-expression, and provide a better understanding of the human experience. Attendance at an art exhibition and two different live performances is required. The course meets the Maryland state approved Associate of Arts in Teaching degree.

1070 ARTT100-1 MW 8:00am - 9:15am 15-week
1069 ARTT100-2 MW 12:30pm - 1:45pm 15-week
1071 ARTT100-3 TTH 12:30pm - 1:45pm 15-week
1072 ARTT100-ONL1 ONLINE 15-week
2251 ARTT100-ONL2 ONLINE 2nd 7 1/2-week

ARTT 101 - Foundations of Studio Art I (3)

Gen Ed Arts

Prerequisite: ENGL 70 OR Prerequisites or Co-requisites: ENGL 75 or (ESOL 72 and ESOL 73)
(formerly AR 101)

Introduces the elements of composition and the principles of design. Through theories, practices, and drawing techniques of two-dimensional design, this course will develop skills critical to fine artists, illustrators, graphic designers, and those interested in organizing visual information necessary to engage in creative problem solving. Students will acquire the visual literacy needed to create an assess works of art. Students will work primarily in black and white. Students must furnish supplies.

1073 ARTT101-1 T 5:30pm - 9:30pm 15-week
1074 ARTT101-2 MW 12:30pm - 2:30pm 15-week
1075 ARTT101-3 TTH 10:00am - 12:00pm 15-week
1076 ARTT101-4 TTH 1:00pm - 3:00pm 15-week

Note: Students must furnish own supplies.

ARTT 103 - The History of Art: Non-Western (3)

Gen Ed Arts; Cultural Competence

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly AR 103)

Surveys the major developments in painting, sculpture, and architecture created in non-western cultures around the world. Emphasizes a global perspective and illuminates the historical/artistic interaction of world cultures. Provides an overview of the visual arts created in India, China, Japan, Islam, Africa, Oceania, and the pre-Columbian cultures of North and South America. A visit to an art museum is required.

1077 ARTT103-1 MW 9:30am - 10:45am 15-week
2039 ARTT103-2 MW 2:00pm - 4:35pm 2nd 7 1/2-week

ARTT 104 - The History of Art: Prehistoric to Early Renaissance (3)

Gen Ed Arts; Cultural Competence

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly AR 104)

Surveys the major developments in painting, sculpture and architecture from prehistoric times to the Italian Renaissance. Explores multi-cultural diversity through the study of the history of civilization, religion, myth, literature, politics and the human condition as manifested in the visual arts. A visit to an art museum is required.

1078 ARTT104-1 MW 12:30pm - 1:45pm 15-week
1079 ARTT104-ONL1 ONLINE 13-week

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.



No/Low Cost Textbooks: At FCC, this symbol indicates specific course sections in which textbooks are available for less than \$40. These sections require regular access to the Internet as most of the resources are in a digital format. Note that certain no/low cost textbook courses (e.g., science labs, art studio classes) have textbooks available for less than \$40 but may require purchase of additional course materials and supplies.

ARTT 105 - The History of Art: Renaissance to Modern (3)

Gen Ed Arts; Cultural Competence

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly AR 105)

Surveys the major developments in painting, sculpture and architecture from the Italian Renaissance to the present. Explores multi-cultural diversity through the study of the history of civilization, religion, myth, literature, politics and the human condition as manifested in the visual arts. A visit to an art museum is required.

1929	ARTT105-1	TTH	9:30am - 10:45am	15-week
2040	ARTT105-2	TTH	12:30pm - 1:45pm	15-week

ARTT 106 - Drawing I (3)

Gen Ed Arts

Prerequisite: ENGL 70 OR Prerequisites or Co-requisites: ENGL 75 or (ESOL 72 and ESOL 73)
(formerly AR 106)

Introduces the development of observational skills and rendering techniques through the use of still life and other subject matter. Develops an understanding of the elements of composition and arts vocabulary. These skills will be used to assess works of art. Students will work primarily in black and white, though color pastels may be explored. Students must furnish supplies.

1085	ARTT106-1	MW	8:00am - 10:00am	15-week
1080	ARTT106-2	MW	9:30am - 11:30am	15-week
1081	ARTT106-3	M	12:30pm - 4:30pm	15-week
1082	ARTT106-4	MW	3:15pm - 5:15pm	15-week
1083	ARTT106-5	TTH	10:00am - 12:00pm	15-week
1084	ARTT106-6	TTH	12:30pm - 2:30pm	15-week
1100	ARTT106-7	F	9:00am - 1:00pm	15-week
1086	ARTT106-8	M	5:30pm - 9:30pm	15-week

Note: Students must furnish own supplies.

ARTT 108 - Introduction to Color Theory and Design (3)

Prerequisite: ENGL 70 OR Prerequisites or Co-requisites: ENGL 75 or (ESOL 72 and ESOL 73)
(formerly AR 115)

Introduces students to the basic principles and elements of color theory. Through lectures, still images, and in-class studio work, students will develop an awareness of color and a deeper understanding of color theory and practice. Topics include the scientific, psychological, and aesthetic aspects of color. Historic examples of color trends in art and design will also be discussed.

1093	ARTT108-1	MW	3:30pm - 5:30pm	15-week
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Note: Students must furnish own supplies.

ARTT 110 - Introduction to Watercolor I (3)

Prerequisite: ENGL 70 OR Prerequisites or Co-requisites: ENGL 75 or (ESOL 72 and ESOL 73)
(formerly AR 207)

Introduces transparent watercolor techniques including wash and dry brush, ink, and watercolor and expanded uses intermixing with mixed media.

1097	ARTT110-1C	F	9:00am - 1:00pm	15-week
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Note: Students must furnish own supplies.

ARTT 111 - Watercolor II (3)

Prerequisite: ARTT 110
(formerly AR 210)

Expands techniques developed in ARTT 110 emphasizing personal expression in watercolor painting. Explores the various advanced methods in watercolor painting, observing works of traditional and contemporary artists.

1098	ARTT111-1C	F	9:00am - 1:00pm	15-week
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Note: Students must furnish own supplies.

ARTT 113 - Pottery I (3)

Gen Ed Arts

Prerequisite: ENGL 70 OR Prerequisites or Co-requisites: ENGL 75 or (ESOL 72 and ESOL 73)
(formerly AR 113)

Explores clay as a medium for the expression of art. Uses various production techniques, decorating and glazing methods to achieve well-conceived and designed objects of ceramic art.

1087	ARTT113-1	M	12:30pm - 4:30pm	15-week
2102	ARTT113-2	T	12:30pm - 4:30pm	15-week
1088	ARTT113-3	W	9:00am - 1:00pm	15-week
1089	ARTT113-4	TH	9:00am - 1:00pm	15-week
2066	ARTT113-5	SAT	9:00am - 1:00pm	15-week
1090	ARTT113-6	M	5:30pm - 9:30pm	15-week
1091	ARTT113-7	W	5:30pm - 9:30pm	15-week

Note: Students must furnish own supplies.

ARTT 114 - Pottery II (3)

Prerequisite: ARTT 113
(formerly AR 114)

Advances the study of the nature of ceramic art. Skills and techniques learned in Pottery I are refined and advanced. Chemical information and historical traditions are elaborated upon to prepare the student for the production of fine ceramic art.

1092	ARTT114-1	F	9:00am - 1:00pm	15-week
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Note: Students must furnish own supplies.

ARTT 204 - Illustration I (3)

Prerequisite: ARTT 106
(formerly AR 204)

Concentrates on the development of hand skills and concepts, which are an important part of the magic of narrative picture making. Explores material resources and their proper use for visual communication. Students must furnish supplies.

1095	ARTT204-1C	MW	12:30pm - 2:30pm	15-week
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Note: Students must furnish own supplies.

ARTT 205 - Illustration II (3)

Prerequisite: ARTT 204
(formerly AR 205)

Develops individual style and interpretation. While class assignments are given, individual preferences are welcomed and encouraged. Considers illustration for books, social comment, etc. Study and discussion of slides and sometimes films on the work of past masters and current trends. Critiques and discussions on works in progress.

1096	ARTT205-1C	MW	12:30pm - 2:30pm	15-week
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Note: Students must furnish own supplies.

ARTT 210 - Sculpture (3)

Prerequisite: ARTT 102 or ARTT 113
(formerly AR 203)

Introduces students to a variety of sculptural practices. A number of methods for producing sculpture will be explored including both subtractive and additive processes. Sculpture's long and broad history will provide students with precedents for class projects and will connect student work to the continuum of art history. Students will provide all materials required for completion of projects.

1094	ARTT210-1C	TH	1:30pm - 5:30pm	15-week
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Note: Students must furnish own supplies.

ARTT 220 - Intermediate Sculpture (3)

Prerequisite: ARTT 210 or AR 203
(formerly AR 213)

Offers further investigation of material and techniques introduced in Sculpture. Assignments will focus on a limited number of concepts. This provides the students with a framework to begin the process of portfolio development and the opportunity to work in series. Students will provide all materials required for completion of projects.

1099	ARTT220-1C	TH	1:30pm - 5:30pm	15-week
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Note: Student must furnish own supplies.

ASLS: American Sign Language Studies

ASLS 120 - Visual Gestural Communication (3)

(formerly ASLS 101)

Trains students visual acuity (receptive and expressive) and coordination of body movements. Emphasis is on mime, gestures and facial expressions. Through class activities and movement, students communicate without using the spoken voice. This class is designed to be a foundation for American Sign Language 1-3. It is recommended that ASLS 121 be taken concurrently with ASLS 120.

1102 ASLS120-1	TTH	11:00am - 12:15pm	15-week
2026 ASLS120-2	TTH	5:30pm - 6:45pm	15-week

ASLS 121 - American Sign Language I (3)

Gen Ed Humanities

Co-requisite: ASLS 120
(formerly ASLS 102)

Presents the basic skills used in American Sign Language. Includes vocabulary and grammar related to the exchange of personal information, introductions and negotiating the environment of sign conversation. Uses workbooks and videotapes. (First of four courses in ASL. Credit by examination is available.)

1103 ASLS121-1	MW	8:00am - 9:15am	15-week
1104 ASLS121-2	MW	9:30am - 10:45am	15-week
2252 ASLS121-3	MW	9:30am - 10:45am	15-week
1105 ASLS121-4	MW	11:00am - 12:15pm	15-week
1106 ASLS121-5	MW	12:30pm - 1:45pm	15-week
1107 ASLS121-6	TTH	9:30am - 10:45am	15-week
1108 ASLS121-7	TTH	11:00am - 12:15pm	15-week
1109 ASLS121-8	TTH	12:30pm - 1:45pm	15-week
1110 ASLS121-9	SAT	9:00am - 11:45am	15-week
1947 ASLS121-10	M	5:30pm - 8:00pm	15-week
1115 ASLS121-WE1	MW	3:30pm - 4:45pm	13-week

Note: This web enhanced course requires completion of selected online assignments.

ASLS 122 - American Sign Language II (4)

Gen Ed Humanities

Prerequisite: ASLS 121 or ASLS 102
(formerly ASLS 103)

Continues the American Sign Language sequence and further develops communication competencies in sign language above the basic level. Introduces transcription symbols, sentence types, time pronominalization, subjects and objects, classifiers, locatives, pluralization, and temporal and distributional aspects. Develops receptive/expressive skills. Features additional information about the Deaf community and Deaf culture.

1111 ASLS122-1	MW	2:00pm - 3:15pm	15-week
1112 ASLS122-2	W	5:30pm - 8:05pm	15-week
2253 ASLS122-3	TTH	11:00am - 12:15pm	15-week

ASLS 123 - American Sign Language Fingerspelling and Number Use (3)

Prerequisite: Grade of B or better in ASLS 122 or ASLS 103
(formerly ASLS 100)

Provides an in-depth study of American Sign Language Fingerspelling and Numbering. ASL Fingerspelling and Numbering is a crucial component of ASL. Focuses on developing receptive and expressive fingerspelling and numbering skills. Through class activities, this course covers names of people, cities, states, titles of books, movies, brand names, and lexicalized fingerspelling. This course also covers five systems in ASL Number Use: cardinal, ordinal, incorporation, unique, and sports system.


1101 ASLS123-1	MW	3:30pm - 4:45pm	15-week
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ASLS 124 - Introduction to Deaf Community and History (3)

Gen Ed Emerging Issues; Cultural Competence

(formerly ASLS 106)

Introduces students to the American Deaf Community through historical events. Topics include the development of American Sign Language, modes of communication, laws concerning Deaf people, professions within the Deaf community, education of Deaf children, and the importance and value of Deaf Culture.

2254 ASLS124-1	MW	12:30pm - 1:45pm	15-week
1968 ASLS124-HYB1	T	5:30pm - 6:45pm	15-week
1113 ASLS124-ONL1		ONLINE	15-week

ASLS 223 - American Sign Language III (4)

Gen Ed Humanities

Prerequisite: Grade of B or better in ASLS 122 or ASLS 103
(formerly ASLS 202)

Continues the American Sign Language sequence, with an expansion of conversational language skills as the medium and communication. Students will also get extensive exposure to the Deaf culture information. Each of the five units in this text revolves around a major language function: locating things around the house; complaining and making requests; talking about life events, nationalities, and family histories; describing objects; and talking about the weekend. The language learned through this communicative approach is the language used in everyday conversation. By learning language functions in interactive contexts, conversational skills are developed in confirming and correcting information; opening and closing conversations; asking for clarification; agreeing, declining, or hedging; and using appropriate response behaviors.

1114 ASLS223-1	MW	5:30pm - 6:45pm	15-week
1975 ASLS223-2	TTH	5:30pm - 6:45pm	15-week

ASLS 224 - American Sign Language IV (4)

Gen Ed Humanities

Prerequisite: Grade of B or better in ASLS 223 or ASLS 202
(formerly ASLS 203)

Continues the American Sign Language sequence. Features comprehension in medium and longer stories, narratives, and dialogues presented by the instructor and deaf ASL users. Students express self-generated stories. Presents hypothetical issues and problems. Includes interaction with the Deaf community in both directed and non-directed activities.

2083 ASLS224-1	TTH	9:30am - 10:45am	15-week
2028 ASLS224-2	TTH	2:00pm - 3:15pm	15-week

ASLS 225 - American Sign Language V (4)

Gen Ed Humanities

Prerequisites: Grade of B or better in ASLS 224 or ASLS 203
(formerly ASLS 207 experimental)

Presents the advanced skills used in American Sign Language. Includes vocabulary and grammar related to the exchange of storytelling, ASL idioms, analyzing ASL concepts, and more complicated ASL skills. This is the last of a five-semester ASL sequence. Skills developed from previous courses allow students to share personal and biographical stories and retell stories with simple plots, such as children's stories. Students will increase their understanding of a competence in using conversational strategies and culturally appropriate interaction skills.


2043 ASLS225-1	TTH	5:00pm - 6:15pm	15-week
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BIOT: Biotechnology

BIOT 102 - Introduction to Biotechnology (3)

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly BPM 102)

Presents the tenets of Current Good Manufacturing Practices (cGMPs) and regulations relevant to the biotechnology and bioprocessing manufacturing industries. Importance of inspections and monitoring are discussed. Work-related issues are introduced such as workplace conduct, employer expectations, company organization and policy, personal safety, and industrial hygiene. May include one or more mandatory field trips and/or guest lecturers.

1497 BIOT102-ONL1		ONLINE	15-week
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BIOT 103 - Laboratory Techniques (1)

Prerequisites: Completion of high school biology or chemistry is strongly recommended AND (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101 or MATH 101A or MA 103 or MA 103A or MATH 110 or MA 105 or MATH 120 or MATH 120A or MA 206 or MA 206A or MATH 127 or MA 207 or appropriate score on mathematics placement test)
(formerly BPM 103)

Focuses on the basic principles and procedures used in all laboratory courses. Includes safety, equipment usage, areas of the lab and testing involved, quality control/quality assurance, lab math, and professionalism.

1498 BIOT103-1	TTH	5:00pm - 7:30pm	1st 7 1/2-week
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BIOT 130 - Forensic Biology (4)

Gen Ed Science

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101 or MATH 101A or MA 103 or MA 103A or MATH 110 or MA 105 or MATH 120 or MATH 120A or MA 206 or MA 206A or MATH 127 or MA 207 or appropriate score on mathematics placement test)
(formerly BI 130)

Introduces the principles and concepts of the biological aspects of forensic science. Examines the role of the laboratory in criminal investigation and human identification using forensic pathology, serology, anthropology, molecular biology, and other specializations.

1486	BIOT130-1LC	M	8:00am - 10:35am	15-week
1487	BIOT130-11LB	W	8:00am - 10:30am	15-week
1943	BIOT130-2LC	M	11:00am - 1:35pm	15-week
1944	BIOT130-21LB	W	11:00am - 1:30pm	15-week
2019	BIOT130-3LC	T	8:00am - 10:35am	15-week
2020	BIOT130-31LB	TH	8:00am - 10:30am	15-week
1488	BIOT130-4LC	T	11:00am - 1:35pm	15-week
1489	BIOT130-41LB	TH	11:00am - 1:30pm	15-week

Note: Students must register for corresponding lecture (LC) and lab (LB).


1490	BIOT130-ONL1		ONLINE	15-week
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BIOT 140 - Biotechnology and Society (3)

Gen Ed Science

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101/MATH 101A or MA103/MA103A or MATH 110 or MA 105 or MATH 120/MATH 120A or MA206/MA206A or MATH 127 or MA 207 or appropriate score on mathematics placement test)
(formerly BI 140)

Presents an overview of biotechnology and its scientific foundation through introductory investigations of the cell, protein structure and function, genetic expression, ecological and evolutionary interactions, and technological applications and issues. Introduces how science blends with consumer applications, regulatory information and social issues to provide a detailed perspective of the interrelationship among science, technology and society. May include one or more mandatory field trips, and/or guest lecturers.

1491	BIOT140-ONL1		ONLINE	13-week
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Biotechnology Notes:

BIOT102 - Bioprocessing Environment offered fall semester only.

BIOT103 - Laboratory Techniques I offered fall semester only.

BIOT110 - Bioprocessing Measurements offered spring semester only.

BIOT214 - Techniques in Bioproduction offered spring semester only.

BLDT: Building Trades

BLDT 101 - Introduction to Building Trades (3)

Prerequisite or Co-requisite: ENGL 70 or ENGL 75 or ESOL 70 or ESOL 72
(formerly BLD 101)

Introduces general aspects of building trades, the building process, and its phases. Emphasizes health and safety issues related to the building trades. Explores print reading, building design, building site planning, site preparation, and estimating as it relates to construction. Includes an overview of applicable equipment and materials required in the building trades.

1891	BLDT101-1	M	6:00pm - 8:30pm	15-week
1328	BLDT101-2	T	6:00pm - 8:30pm	15-week

Note: Class held at FCC's Monroe Center

BLDT 110 - Fundamentals of HVACR (4)

Prerequisite or Co-requisite: ENGL 70 or ENGL 75 or ESOL 70 or ESOL 72
(formerly BLD 109)

Covers fundamentals of heating, cooling, ventilation, humidity control, and basic refrigeration. Students will receive hands-on experience in a lab setting.

1329	BLDT110-HYB1	TTH	6:00pm - 9:00pm	1st 7 1/2-week
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Note: Class held at FCC's Monroe Center, Building Trades fee: \$71.40

BLDT 111 - Controls for HVACR (3)

Prerequisite: BLD 110 or BLD 109
(formerly BLD 110)

Covers the topics of controls in HVACR with respect to thermostats; pressure, safety and temperature devices; and valves. In a lab environment students will be able to identify and apply usage of these components.

1330	BLDT111-HYB1	TTH	6:00pm - 8:30pm	2nd 7 1/2-week
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Note: Class held at FCC's Monroe Center, Building Trades fee: \$71.40

BLDT 113 - Fossil Fuels & Hydronic Heating (3)

Prerequisite: BLD 111 or BLD 110
(formerly BLD 114)

Covers the topics of fossil fuel heating devices, hydronic and forced air equipment. Students will apply troubleshooting, installation, service, and preventative maintenance techniques on these systems in a lab setting.

1331	BLDT113-HYB1	MW	6:00pm - 8:30pm	2nd 7 1/2-week
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Note: Class held at FCC's Monroe Center, Building Trades fee: \$71.40

BLDT 120 - Introduction to Welding (4)

Prerequisite or Co-requisite: ENGL 70 or ENGL 75 or ESOL 70 or ESOL 72
(formerly BLD 121)

Introduces the basic processes in the welding field. Emphasizes welding safety. Introduces the various types of welding equipment, identification and selection of filler material, types of welds, and the different welding positions.

1892	BLDT120-1	MW	6:00pm - 9:00pm	15-week
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Note: Class held at FCC's Monroe Center, Building Trades Welding fee: \$100

BLDT 121 - Welding Symbols & Blueprint Reading (2)

Prerequisite or Co-requisite: ENGL 70 or ENGL 75 or ESOL 70 or ESOL 72
(formerly BLD 120)

Introduces various types of prints used in the welding industry. Topics include print reading, measurements, metallurgy, types of welds and joints, and welding symbols.

1332	BLDT121-1	TTH	5:00pm - 6:00pm	15-week
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Note: Class held at FCC's Monroe Center, Building Trades Welding fee: \$100

BLDT 140 - Fundamentals of Structural Wiring (4)

Prerequisite or Co-requisite: ENGL 70 or ENGL 75 or ESOL 70 or ESOL 72
(formerly BLD 141)

Covers basic principles and fundamentals of electricity and electrical work. Course will include components of schematics and blueprints, importance and role of the National Electrical Code, and safety. Students will receive hands-on experience with tools of the trade, wiring, and installing components of accessory terminations.

1333	BLDT140-HYB1	TTH	6:00pm - 9:00pm	1st 7 1/2-week
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Note: Class held at FCC's Monroe Center, Building Trades fee: \$71.40

BLDT 143 - Specialized Systems (3)

Prerequisite: BLD 140 or BLD 141
(formerly BLD 146)

Covers topics in the electrical field such as CAT5, CAT6, CATV, fiber optics, fire alarms, photovoltaic, and electric controls. Students will receive hands-on experience working with materials and components in a lab setting. Students will also be introduced to the National Electrical Code (NEC) codes governing these various sub-fields to the electrical industry.

1894	BLDT143-HYB1	MW	6:00pm - 8:30pm	2nd 7 1/2-week
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Note: Class held at FCC's Monroe Center, Building Trades fee: \$71.40

BLDT 212 - HVAC Installation & Troubleshooting (3)

Prerequisite: BLD 111 or BLD 110
(formerly BLD 113)

Teaches basics of troubleshooting, installation, service and preventative maintenance techniques of HVAC equipment. Course includes EPA CFC certification. Hands-on experience will be conducted in a lab setting where students will demonstrate and apply these techniques.

1844	BLDT212-HYB1	MW	6:00pm - 8:30pm	1st 7 1/2-week
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Note: Class held at FCC's Monroe Center, Building Trades fee: \$71.40

BLDT 223 - Advanced Welding: SMAW 4G (3)

Prerequisite: BLDT 222 or BLD 122
(formerly BLD 128)

Focuses on Shielded Metal Arc Welding (SMAW) and oxyfuel and plasma cutting on carbon steel. Students will perform SMAW welder performance qualification tests on limited thickness test plates in the 4G position on carbon steel in accordance with American Welding Society D1.1 Structural Welding Code; this leads to an in-house certification.

2223 BLDT223-1 TTH 6:00pm - 8:30pm 15-week

Note: Class held at FCC's Monroe Center, Building Trades Welding fee: \$100

BLDT 224 - Advanced Welding: GTAW (3)

Prerequisite: BLDT 120 or BLD 121; *Prerequisite or Co-requisite:* BLDT 121 or BLD 120
(formerly BLD 125)

Introduces Gas Tungsten Arc Welding (GTAW) on carbon steel, stainless steel, and aluminum. Topics include welding safety, basic machine maintenance, and welding techniques.

1845 BLDT224-1 TTH 6:00pm - 8:30pm 15-week

Note: Class held at FCC's Monroe Center, Building Trades Welding fee: \$100

BLDT 241 - Residential Electric (3)

Prerequisite: BLDT 140 or BLD 141
(formerly BLD 142)

Advances student knowledge in the National Electrical Code (NEC) and its application. Topics covered will include NEC calculations, as well as print reading, circuitry, schematics, materials, and circuit testing. Hands-on applications will be conducted in a lab setting.

1334 BLDT241-HYB1 TTH 6:00pm - 8:30pm 2nd 7 1/2-week

Note: Class held at FCC's Monroe Center, Building Trades fee: \$71.40

BLDT 242 - Commercial Electric (3)

Prerequisite: BLDT 241 or BLD 142
(formerly BLD 145)

Continues the concepts and skills covered in the first two courses of the electrical building trades program. This course covers wiring methods mainly used in commercial construction. Topics covered to include: conduit (bending, installation), commercial lighting (fluorescent, HID), and transformers. Students will also have an overview of the applicable sections of the National Electrical Code (NEC), including box/conduit fill, and load calculations.

1893 BLDT242-HYB1 MW 6:00pm - 8:30pm 1st 7 1/2-week

Note: Class held at FCC's Monroe Center, Building Trades fee: \$71.40

BMGT: Business Studies

BMGT 103 - Introduction to Business (3)

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR *Co-requisite:* ENGL 75
(formerly BU 103)

Introduces the role of business in society, the primary functions within a business, and external forces that affect business activities. Explores the role of entrepreneurs and forms of business organization. Describes how teamwork, communication, and motivation play an important role in achieving organizational goals.

1578 BMGT103-HYB1	M	9:30am - 11:15am	15-week	
1580 BMGT103-HYB2	M	12:30pm - 1:45pm	15-week	
1581 BMGT103-HYB3	T	9:30am - 10:45am	15-week	
1583 BMGT103-HYB4	T	11:00am - 12:15pm	15-week	
1579 BMGT103-HYB5	W	9:30am - 10:45am	15-week	
1582 BMGT103-HYB6	W	12:30pm - 1:45pm	15-week	
2199 BMGT103-HYB7	W	6:00pm - 8:35pm	15-week	
1584 BMGT103-HYB8	TH	2:00pm - 3:15pm	15-week	
2198 BMGT103-HYB9	SAT	12:00pm - 1:15pm	15-week	
1586 BMGT103-ONL1		ONLINE	1st 7 1/2-week	
2127 BMGT103-ONL2		ONLINE	2nd 7 1/2-week	
1585 BMGT103-ONL3		ONLINE	15-week	

Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

BMGT 109 - Entrepreneurship and Small Business Enterprise (3)

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR *Co-requisite:* ENGL 75
(formerly BU 109)

Surveys starting and successfully managing a small business focusing on aspects of entrepreneurship including information, operations, human resources, finance, marketing, and general administration.

1587 BMGT109-HYB1	TH	6:00pm - 9:00pm	1st 7 1/2-week	
1588 BMGT109-ONL1		ONLINE	2nd 7 1/2-week	

Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

BMGT 110 - Personal Financial Management (3)

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR *Co-requisite:* ENGL 75
(formerly BU 110)

Develops a comprehensive approach to managing personal finances including financial planning, budgeting, financing consumer purchases, risk management, investments, and retirement planning.

1589 BMGT110-ONL1		ONLINE	15-week	
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Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

NO COST / LOW COST TEXTBOOKS

FCC offers classes that have free or low cost textbooks



Within this schedule, if a course has this icon, it means the textbook materials for the specified course section are available for less than \$40. Certain no/low cost textbook courses (e.g., science labs, art studio classes) have textbooks available for less than \$40 but may require purchase of additional course materials and supplies.

When you register for classes, check the "Notes" section to see if the course offers a NO COST/LOW COST textbook option. FCC is committed to making college more affordable with more faculty adopting lower cost textbook options.

BMGT 120 - Business Communications (3)

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)

(formerly BU 273)

Emphasizes the theory and practice of oral, written, and interpersonal communication used in the workplace. Focus is placed on writing business correspondence and reports, planning and delivering effective presentations, and developing teamwork and collaboration skills.

1596 BMGT120-HYB1	TH	11:00am - 12:15pm	15-week	
1597 BMGT120-ONL1		ONLINE	15-week	\$


\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

BMGT 211 - Business Law (3)

Prerequisite or Co-requisite: ENGL 101

(formerly BU 211)

Defines the nature and development of law in the United States with a particular emphasis on how the law applies to businesses and how the law adapts and remains relevant in the face of constantly changing economic, political, social, and technological conditions. Students will describe and critique contracts, agency and employment, negotiable instruments, and sales.

1590 BMGT211-1	MW	2:00pm - 3:15pm	15-week	
1591 BMGT211-HYB1	T	6:00pm - 8:35pm	2nd 7 1/2-week	
1592 BMGT211-ONL1		ONLINE	15-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

BMGT 221 - Public Relations (3)

Prerequisite or Co-requisite: BMGT 103

(formerly BU 221)

Examines the field of public relations, defined as a strategic communication process that builds mutually beneficial relationships between organizations and their publics. Explores the field's beginnings, identifies influential professionals throughout its history, and analyzes the theories behind its practices, whether in business, nonprofits, or government. Contrasts the differences between public relations and marketing, utilizing consumer and community relations techniques.

2215 BMGT221-ONL1		ONLINE	2nd 10-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

BMGT 223 - Human Resource Management (3)

Prerequisite or Co-requisite: BMGT 103

(formerly BU 223)

Explores personnel administration procedures in business and government organizations. Includes study of work group labor management relations; recruitment, placement training, and promotion of employees; work measurement and simplification; personnel records; wage and job classification; wage incentive systems; and fringe benefits.

2216 BMGT223-ONL1		ONLINE	2nd 10-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

BMGT 225 - Marketing (3)

Prerequisite or Co-requisite: BMGT 103

(formerly BU 225)

Analyzes the marketing of goods, services, and organizations in a global economy. Develops a conceptual base for understanding the role of marketing in a business environment through activities and strategies employed by marketers. Explores major components of the marketing mix focusing on pricing, product, distribution, advertising, retailing, and wholesaling.

1593 BMGT225-1	MW	11:00am - 12:15pm	15-week	
2024 BMGT225-ONL1		ONLINE	15-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

BMGT 227 - Principles of Management (3)

Prerequisite or Co-requisite: BMGT 103

(formerly BU 227)

Reviews principles of management in business and other organizations. Emphasizes management functions including planning, organizing, staffing, directing, controlling, and coordinating. Explores the role leaders play in strategic planning, change management, innovation, decision making, and motivating employees/teams.

1594 BMGT227-HYB1	M	6:00pm - 9:00pm	1st 7 1/2-week	
1595 BMGT227-ONL1		ONLINE	15-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

BMGT 281 - Global Awareness in the Work Environment (3)

Gen Ed Emerging Issues; Cultural Competence

Prerequisite or Co-requisite: ENGL 101

(formerly BU 281)

Promotes awareness of cultural diversity in a workplace. Analyzes and adapts business culture and structure to global environments.

1598 BMGT281-HYB1	T	12:30pm - 1:45pm	15-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

BMGT 290 - Project Management (3)

Prerequisite or Co-requisite: CMIS 101

(formerly BU 290)

Examines concepts and practices of project management and their universal application to all types of organizations. Students will analyze the roles of the project manager and project team and utilize techniques for effective project planning, management, control, closeout, and evaluation.

2144 BMGT290-ONL1		ONLINE	2nd 7 1/2-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

BSCI: Biological Science

BSCI 55 - Preparation for Allied Health (0) [3]

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 70 and ESOL 71) OR (Co-requisite: ENGL 75) AND (MA 81 or MATH 67 or MA 83 or MA 85 or appropriate score on mathematics placement test)

(formerly BI 55)

Presents basic science concepts and science study skills. A preparatory course for students who have limited science background.

1409 BSCI55-1	MW	11:00am - 12:15pm	15-week
1410 BSCI55-2	T	8:00am - 10:35am	15-week
1411 BSCI55-3	W	6:00pm - 8:35pm	15-week


BSCI 100 - Fundamental Concepts of Biology (4)

Gen Ed Science

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 81 or MATH 67 or MA 83 or MA 85 or MATH 101 or MATH 101A or MA 103 or MA 103A or MATH 120 or MATH 120A or MA 206 or MA 206A or MATH 127 or MA 207 or appropriate score on mathematics placement test OR Prerequisite or Co-requisite: MATH 110 or MA 105)

(formerly BI 100)

Explores basic biological concepts involved in understanding the structure, function, and evolution of organisms. Introduces organization of living matter, metabolism, genetics, evolution, and ecology, and their application to everyday life. This one semester laboratory course is intended for non-STEM (science, technology, engineering, and math) majors, and is designed to provide students with an appreciation of biological concepts and their current applications. Meets the requirement for a general education science lab course.

1412 BSCI100-1LC	M	8:00am - 10:35am	15-week
1413 BSCI100-11LB	W	8:00am - 10:30am	15-week
1414 BSCI100-2LC	MW	9:30am - 10:45am	15-week
1415 BSCI100-21LB	W	12:30pm - 3:00pm	15-week
1873 BSCI100-3LC	MW	11:00am - 12:15pm	15-week
1874 BSCI100-31LB	M	12:30pm - 3:00pm	15-week
2151 BSCI100-4LC	T	8:00am - 10:35am	15-week
2152 BSCI100-41LB	TH	8:00am - 10:30am	15-week
1418 BSCI100-5LC	TTH	2:00pm - 3:15pm	15-week
1419 BSCI100-51LB	T	11:00am - 1:30pm	15-week
1416 BSCI100-6LC	T	12:30pm - 3:05pm	15-week
1417 BSCI100-61LB	TH	12:30pm - 3:00pm	15-week
1420 BSCI100-7LC	SAT	9:00am - 11:30am	15-week
1421 BSCI100-71LB	SAT	12:15pm - 2:45pm	15-week
1422 BSCI100-8LC	T	6:00pm - 8:35pm	15-week
1423 BSCI100-81LB	TH	6:00pm - 8:30pm	15-week
1424 BSCI100-HYBC		ONLINE	15-week
1425 BSCI100-HYBB	F	9:30am - 12:00pm	15-week


Note: Students must register for corresponding lecture (LC) and lab (LB).

BSCI 105 - Human Ecology (3)

Gen Ed Science

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101 or MATH 101A or MA 103 or MA 103A or MATH 110 or MA 105 or MATH 120 or MATH 120A or MA 206 or MA 206A or MATH 127 or MA 207 or appropriate score on mathematics placement test)
(formerly BI 202)

Investigates physical environments of human beings and the effect of technologies on the environment. Emphasizes small group investigations of air, water, and soil pollution and the rapidly expanding population as it affects the natural ecosystem within Frederick County and the Eastern seaboard. Some Friday or Saturday field trips may be required.

2021 BSCI105-1	MW	9:30am - 10:45am	15-week
1494 BSCI105-ONL1		ONLINE	13-week

BSCI 106 - General Ecology (4)

Gen Ed Science

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101/MATH 101A or MA103/MA103A or MATH 110 or MA 105 or MATH 120/MATH 120A or MA206/MA206A or MATH 127 or MA 207 or appropriate score on mathematics placement test)
(formerly BI 201)

Provides an overview of the interactions among living things and their abiotic environments, emphasizing factors which affect the abundance and distribution of living things. The laboratory will focus on using field experiences to develop topics covered in the lecture. Meets the requirement for a general education science lab course. Some Friday or Saturday field trips may be required.

1492 BSCI106-1LC	TTH	11:00am - 12:15pm	15-week
1493 BSCI106-11LB	T	12:30pm - 3:00pm	15-week

Note: Students must register for corresponding lecture (LC) and lab (LB).

BSCI 107 - Study of the Human Body (3)


Gen Ed Science

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101 or MATH 101A or MA 103 or MA 103A or MATH 110 or MA 105 or MATH 120 or MATH 120A or MA 206 or MA 206A or MATH 127 or MA 207 or appropriate score on mathematics placement test)
(formerly BI 117)

Examines the human body and its relationships to health, disease, and the environment. Covers basic concepts of anatomy, physiology, genetics, cancer, disease, immunology, aging, human evolution, and/or other related topics. For the non-science major. Students cannot receive credit for both BSCI 117 and BSCI 107.

1940 BSCI107-1	TTH	2:00pm - 3:15pm	15-week
1475 BSCI107-2	W	6:00pm - 8:30pm	15-week
2113 BSCI107-WE1	TTH	2:00pm - 3:15pm	13-week

Note: This web enhanced course requires completion of selected online assignments.

1474 BSCI107-ONL1		ONLINE	13-week
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BSCI 117 - Human Biology (4)

Gen Ed Science

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101 or MATH 101A or MA 103 or MA 103A or MATH 110 or MA 105 or MATH 120 or MATH 120A or MA 206 or MA 206A or MATH 127 or MA 207 or appropriate score on mathematics placement test)
(formerly BI 107)

Presents a study of the human body and its relationships to health, disease, and the environment. Covers basic concepts of anatomy, physiology, genetics, cancer, disease, immunology, aging, human evolution, and/or related topics. For the non-science major. Meets the requirement for a general education science lab course. Students cannot receive credit for both BSCI 107 and BSCI 117.

1877 BSCI117-1LC	MW	2:00pm - 3:15pm	15-week
1876 BSCI117-11LB	M	9:30am - 12:00pm	15-week

Note: Students must register for corresponding lecture (LC) and lab (LB).

BSCI 150 - Principles of Biology I (4)

Gen Ed Science

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 145 or MATH 145S or MA 130 or MA 130S or MATH 120 or MATH 120A or MA 206 or MA 206A or MATH 127 or MA 207 or appropriate score on mathematics placement test or Prerequisite or Co-requisite: MATH 165 or MA 111)
(formerly BI 101)

Explores the basic biological principles common to all living organisms, including biological chemistry, bioenergetics and metabolism, cellular and molecular biology, and classical and molecular genetics. Methods of scientific inquiry and data analysis are studied and practiced. BSCI 150 is the first of a two semester series that together with BSCI 160 is a comprehensive survey of modern biology and is intended for STEM (science, technology, engineering, and math) majors and pre-allied health majors. Meets the requirement for a general education science lab course.

1426 BSCI150-1LC	M	9:30am - 12:05pm	15-week
1427 BSCI150-11LB	W	9:30am - 12:00pm	15-week
1428 BSCI150-2LC	M	12:30pm - 3:05pm	15-week
1429 BSCI150-21LB	W	12:30pm - 3:00pm	15-week
1437 BSCI150-3LC	MW	12:30pm - 1:45pm	15-week
1438 BSCI150-31LB	M	9:30am - 12:00pm	15-week
1430 BSCI150-4LC	T	8:00am - 10:35am	15-week
1431 BSCI150-41LB	TH	8:00am - 10:30am	15-week
1432 BSCI150-5LC	TTH	8:00am - 9:15am	15-week
1433 BSCI150-51LB	T	11:00am - 1:30pm	15-week
1434 BSCI150-52LB	TH	11:00am - 1:30pm	15-week

Note: Students registering for BSCI150-5LC must also register for BSCI150-51LB or BSCI150-52LB.

1435 BSCI150-6LC	TTH	11:00am - 12:15pm	15-week
1436 BSCI150-61LB	T	2:00pm - 4:30pm	15-week
1439 BSCI150-7LC	F	9:00am - 11:35am	15-week
1440 BSCI150-71LB	F	12:30pm - 3:00pm	15-week
1938 BSCI150-8LC	SAT	9:00am - 11:35am	15-week
1939 BSCI150-81LB	SAT	12:15pm - 2:45pm	15-week
1441 BSCI150-9LC	M	6:00pm - 8:35pm	15-week
1442 BSCI150-91LB	W	6:00pm - 8:30pm	15-week

Note: Students must register for corresponding lecture (LC) and lab (LB).

BSCI 160 - Principles of Biology II (4)

Gen Ed Science

Prerequisite: BSCI 150 or BI 101
(formerly BI 102)

Continues the comprehensive survey of modern biology begun in BSCI 150 with an emphasis on mechanisms of evolution, methods of phylogenetic reconstruction and analysis, diversity of life, and ecology. Surveys biological diversity of all eukaryotic domains and kingdoms, including the study of various anatomical, physiological, and behavioral adaptations for life in different habitats. Select vertebrate body systems are studied. Intended for STEM (science, technology, engineering, and math) majors, and pre-allied health majors. Meets the requirement for a general education science lab course.

1443 BSCI160-1LC	W	12:30pm - 3:05pm	15-week
1444 BSCI160-11LB	M	12:30pm - 3:00pm	15-week

Note: Students must register for corresponding lecture (LC) and lab (LB).



No/Low Cost Textbooks: At FCC, this symbol indicates specific course sections in which textbooks are available for less than \$40. These sections require regular access to the Internet as most of the resources are in a digital format. Note that certain no/low cost textbook courses (e.g., science labs, art studio classes) have textbooks available for less than \$40 but may require purchase of additional course materials and supplies.

BSCI 201 - Anatomy and Physiology I (4)


Gen Ed Science

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 145 or MATH 145S or MA 130 or MA 130S or MATH 120 or MATH 120A or MA 206 or MA 206A or MATH 127 or MA 207 or appropriate score on mathematics placement test OR Prerequisite or Co-requisite: MATH 165 or MA 111) AND (BSCI 55 or BSCI 150 or BI 101 or BSCI 223 or BI 120 or CHEM 101) (formerly BI 103)

Presents a study of physiology according to the body systems approach. Emphasizes relationships between form and function at both the microscopic and gross levels of organization. Includes basic anatomical terminology, concepts of cell biology, histology, integumentary system, skeletal system, muscular system, nervous system, special senses, and endocrine system. BSCI 201 is the first course in a two-semester sequence and is intended for STEM (science, technology, engineering, and math) majors, and pre-allied Health majors. Meets the requirement for a general education science lab course.

1445 BSCI201-1LC	MW	8:00am - 9:15am	15-week
1446 BSCI201-11LB	M	9:30am - 12:00pm	15-week
1447 BSCI201-12LB	W	9:30am - 12:00pm	15-week

Note: Students registering for BSCI201-1LC must also register for BSCI201-11LB or BSCI201-12LB.

1448 BSCI201-2LC	MW	9:30am - 10:45am	15-week
1449 BSCI201-21LB	M	12:30pm - 3:00pm	15-week
1450 BSCI201-3LC	TTH	8:00am - 9:15am	15-week
1451 BSCI201-31LB	T	9:30am - 12:00pm	15-week
1452 BSCI201-4LC	TTH	11:00am - 12:15pm	15-week
1453 BSCI201-41LB	T	12:30pm - 3:00pm	15-week
2168 BSCI201-5LC	TTH	11:00am - 12:15pm	15-week
2169 BSCI201-51LB	TH	12:30pm - 3:00pm	15-week
1456 BSCI201-6LC	SAT	9:00am - 11:30am	15-week
1457 BSCI201-61LB	SAT	12:15pm - 2:45pm	15-week
1458 BSCI201-7LC	M	5:30pm - 8:05pm	15-week
1459 BSCI201-71LB	W	5:30pm - 8:00pm	15-week
1454 BSCI201-HYBC		ONLINE	15-week
1455 BSCI201-HYBB	W	12:30pm - 3:00pm	15-week

Note: Students must register for corresponding lecture (LC) and lab (LB).

1460 BSCI201-LK1C	TTH	5:00pm - 7:35pm	1st 7 1/2-week
1461 BSCI201-LK1B	TTH	7:45pm - 10:15pm	1st 7 1/2-week

Note: BSCI 201-LK1C and BSCI 201-LK1B – Students must register for corresponding BSCI 201 and BSCI 202 (LK) sections together.

BSCI 202 - Anatomy and Physiology II (4)

Gen Ed Science

Prerequisite: BSCI 201 or BI 103 (formerly BI 104)

Presents a study of physiology according to the body systems approach. Emphasizes relationships between form and function at both the microscopic and gross levels of organization. Includes cardiovascular system, lymphatic system and immunity, respiratory system, digestive system and metabolism, urinary system, fluid/electrolyte balance, acid/base balance, and reproductive system. BSCI 202 is the second course in a two-semester sequence and is intended for STEM (science, technology, engineering, and math) majors, and pre-allied health majors. Meets the requirement for a general education science lab course.

1462 BSCI202-1LC	MW	12:30pm - 1:45pm	15-week
1463 BSCI202-11LB	W	9:30am - 12:00pm	15-week
1466 BSCI202-2LC	F	8:00am - 10:35am	15-week
1467 BSCI202-21LB	F	11:00am - 1:30pm	15-week
1468 BSCI202-3LC	SAT	9:00am - 11:30am	15-week
1469 BSCI202-31LB	SAT	12:15pm - 2:45pm	15-week
1470 BSCI202-4LC	M	5:30pm - 8:05pm	15-week
1471 BSCI202-41LB	W	5:30pm - 8:00pm	15-week
1464 BSCI202-HYBC		ONLINE	15-week
1465 BSCI202-HYBB	T	12:30pm - 3:00pm	15-week

Note: Students must register for corresponding lecture (LC) and lab (LB).

1472 BSCI202-LK1C	TTH	5:00pm - 7:35pm	2nd 7 1/2-week
1473 BSCI202-LK1B	TTH	7:45pm - 10:15pm	2nd 7 1/2-week

Note: BSCI 202-LK1C and BSCI 202-LK1B – Students must register for corresponding BSCI 201 and BSCI 202 (LK) sections together.

BSCI 223 - Microbiology for Allied Health (4)

Gen Ed Science

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 145 or MATH 145S or MA 130 or MA 130S or MATH 120 or MATH 120A or MA 206 or MA 206A or MATH 127 or MA 207 or appropriate score on mathematics placement test OR Prerequisite or Co-requisite: MATH 165 or MA 111) AND (BSCI 55 or BSCI 105 or BI 101 or BSCI 201 or BI 103 or CHEM 101) (formerly BI 120)

Covers the basic principles of cell chemistry and microbiology with respect to human physiology. Includes cell physiology, growth and metabolism of microorganisms, important groups of pathogenic microorganisms, antimicrobial agents, immunology, and introductory biochemistry. Intended for allied health students. Meets the requirement for a general education science lab course.

1476 BSCI223-1LC	MW	9:30am - 10:45am	15-week
1477 BSCI223-11LB	MW	11:00am - 12:15pm	15-week
1482 BSCI223-2LC	MW	12:30pm - 1:45pm	15-week
1483 BSCI223-21LB	MW	2:00pm - 3:15pm	15-week
1941 BSCI223-3LC	TTH	8:00am - 9:15am	15-week
1942 BSCI223-31LB	TTH	9:30am - 10:45am	15-week
1478 BSCI223-4LC	TTH	2:00pm - 3:15pm	15-week
1479 BSCI223-41LB	TTH	12:30pm - 1:45pm	15-week
1480 BSCI223-5LC	SAT	12:15pm - 2:45pm	15-week
1481 BSCI223-51LB	SAT	9:00am - 11:30am	15-week
1484 BSCI223-6LC	TTH	6:20pm - 7:35pm	15-week
1485 BSCI223-61LB	TTH	5:00pm - 6:15pm	15-week

Note: Students must register for corresponding lecture (LC) and lab (LB).

BSCI 263 - Elements of Microbiology (4)

Prerequisites: CHEM 101 and (BSCI 105 or BI 101 or BSCI 201 or BI 103) (formerly BI 203)

Covers the basic principles of cell chemistry and microbiology with respect to human physiology. Includes cell physiology, growth and metabolism of microorganisms, important groups of pathogenic microorganisms, antimicrobial agents, immunology, and introductory biochemistry. Intended for allied health students.

1495 BSCI263-1LC	TTH	9:30am - 10:45am	15-week
1496 BSCI263-11LB	TTH	11:00am - 12:15pm	15-week

Note: Students must register for corresponding lecture (LC) and lab (LB).

Biology Notes:

BSCI240 - Genetics offered spring semester only.

BSCI263 - Elements of Microbiology offered fall semester only.

CADT: Computer Aided Design Technology

CADT 101 - AutoCAD I (3)

Prerequisite or Co-requisite: ENGL 70 or ENGL 75 or ESOL 72 (formerly CAD 101)

Introduces AutoCAD software and its application as a drawing tool. Students will utilize basic AutoCAD commands to create two-dimensional production and architectural drawings. Students will use templates, layer control, dimensioning, editing, text, symbol creation, and blocks to create and modify geometrical designs and print/plot drawings for presentation.

1599 CADT101-HYB1	TH	5:00pm - 8:00pm	1st 7 1/2-week
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CADT 102 - AutoCAD II (3)

Prerequisite or Co-requisite: CADT 101 (formerly CAD 102)

Extends and integrates the study of AutoCAD at an intermediate level. Students will create pictorial views and three-dimensional drawings. Students will gain an understanding of three-dimensional coordinates; create and work with composite, mesh, and solid models; manipulate materials in AutoCAD; and use cameras, walkthroughs, and flybys to view models.

1600 CADT102-HYB1	M	5:00pm - 8:00pm	2nd 7 1/2-week
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CADT 110 - Introduction to SolidWorks (3)

Prerequisite: ENGL 70 or ESOL 70

Introduces solid modeling software and its application as a design/drawing tool. Content covers basic features used to create, edit, document, and print parts and assemblies. Students will be able to create 3D models from which tangible counterparts could be created. Students will gain an understanding of important geometric constraints such as perpendicularity, concentricity, symmetry, angularity, parallelism, and others, that help them make appropriate design decisions on specific models as well as in assemblies.

2217 CADT110-HYB1 M 5:00pm - 8:00pm 1st 7 1/2-week

CADT 130 - Revit (BIM) (3)

Prerequisite: ENGL 70 or ESOL 70

(formerly CAD 130)

Presents Autodesk Revit software, a Building Information Modeling (BIM) program, and its application as a design/drawing tool throughout the design process. Allows students to create designs in 3D, annotate with 2D drafting elements, and access building information from the building models database. Students will have a thorough knowledge of many of the Revit basics needed to be productive in a classroom or office environment.

2025 CADT130-HYB1 TH 5:00pm - 8:00pm 2nd 7 1/2-week

CADT 150 - Architectural Drawing and Design (3)

Prerequisite or Co-requisite: ENGL 70 or ENGL 75 or ESOL 70 or ESOL 72

(formerly CAD 200)

Applies and demonstrates the basic principles and concepts of architectural drawing and design, and their application. Develops an understanding of programming and schematic design. Introduces fundamental drawing practices, drawing systems, and presentation techniques. Students will create architectural sketches, drawings, and models.

2197 CADT150-HYB1 W 5:00pm - 8:00pm 1st 7 1/2-week

CADT 210 - Residential Architecture I (4)

Prerequisite: CADT 101; Prerequisite or Co-requisite: CADT 130

(formerly CAD 201)

Examines the basics of residential architecture. Content covers the language of architecture, the makeup of a set of plans, and the geometry of drawing parts of houses. Students will identify and create architectural designs including floor plans, foundation plans, site plans, and roof plans.

1886 CADT210-HYB1 W 5:00pm - 8:45pm 1st 7 1/2-week

CADT 220 - Residential Architecture II (4)

Prerequisite: CADT 210

(formerly CAD 202)

Discovers and analyzes intermediate concepts of residential architecture. Continues the study of architecture terminology, building techniques, building conventions, and residential building design that were introduced in Residential Architecture I. Students will be able to develop and present supplemental drawing including electrical plans, mechanical and plumbing plans, and stair plans.

2027 CADT220-HYB1 W 5:00pm - 8:45pm 2nd 7 1/2-week

CADT 230 - Civil Drafting I with CAD (3)

Prerequisite or Co-requisite: CADT 102

(formerly CAD 205)

Analyzes and surveys fundamental concepts of civil drafting and design of civil engineering projects. Students will explore career fields in civil engineering and design including survey, land development, environmental, highway, and utilities. Students will use CAD software to create and revise civil drawings including site surveys, plot plans, record plats, utility drawings, and plan profiles. Students will develop an understanding of the relationship of GIS applications to civil engineering.

2145 CADT230-HYB1 T 5:00pm - 8:45pm 2nd 7 1/2-week

CCJS: Criminal Justice

CCJS 101 - Introduction to Criminal Justice (3)

Prerequisite: ENGL 70 or ENGL 75 or ESOL 72 or Co-requisite: ENGL 75

(formerly CJ 101)

Presents a history of criminal justice, with emphasis on English antecedents important to the administration of justice in the United States. Introduces the United States Constitution and Supreme Court decisions affecting individual rights and law enforcement practices. Includes career orientation through an analysis of criminal justice agencies.

1702 CCJS101-1 MW 11:00am - 12:15pm 15-week

2176 CCJS101-2 MW 2:00pm - 3:15pm 15-week

1948 CCJS101-3 TTH 12:30pm - 1:45pm 15-week

2011 CCJS101-ONL1 ONLINE 13-week

CCJS 201 - Criminal Law (3)

Prerequisite: ENGL 101

(formerly CJ 110)

Explores the history and purpose of criminal law. Also examines elements of substantive criminal common law as modified by statute. Introduces legal research and a case study review of appellate court decisions relative to selected aspects of criminal law.

1703 CCJS201-1 TTH 9:30am - 10:45am 15-week

1704 CCJS201-2 M 6:00pm - 8:30pm 15-week

CCJS 204 - Police Operational Services (3)

Prerequisite: CCJS 201 or CJ 110

(formerly CJ 204)

Examines police operational techniques and strategies, incident analysis, patrol deployment, traffic enforcement theory and practice, crime prevention and community relations, and the investigative process. Explores the police officer's role as a manager of community crime prevention resources. Includes analysis of recommended practices for maintaining a police officer's health and safety.

1706 CCJS204-1 W 6:00pm - 8:30pm 15-week

CCJS 214 - The Correctional Process (3)

Prerequisite: CCJS 101

(formerly CJ 214)

Surveys the juvenile and adult correctional process from adjudication through probation or parole.

1705 CCJS214-1 MW 12:30pm - 1:45pm 15-week

CCJS 220 - Criminal Evidence & Procedure (3)

Prerequisite: CCJS 201 or CJ 110

(formerly CCJS 220)

Examines the United States Constitutional limitations on law enforcement, emphasizing arrest, use of force and search and seizure. Rules of evidence of particular importance to the law enforcement function including: the hearsay rule and exceptions; documentary, opinion, corpus delicti and circumstantial evidence; character and past crimes; evidentiary privileges; jurisdiction and venue; and witnesses.

1707 CCJS220-1 T 6:00pm - 8:30pm 15-week



No/Low Cost Textbooks: At FCC, this symbol indicates specific course sections in which textbooks are available for less than \$40. These sections require regular access to the Internet as most of the resources are in a digital format. Note that certain no/low cost textbook courses (e.g., science labs, art studio classes) have textbooks available for less than \$40 but may require purchase of additional course materials and supplies.

CHEM: Chemistry

CHEM 100 - Chemistry and Society (4)

Gen Ed Science

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101/MATH 101A or MA103/MA103A or MATH 110 or MA 105 or MATH 120/MATH 120A or MA206/MA206A or MATH 127 or MA 207 or appropriate score on mathematics placement test)

(formerly CH 100)

Explores important concepts of modern chemistry. Emphasizes connection between basic scientific principles and the current technologies of our society. Laboratory experiments illustrate the process of scientific discovery. No background in science is required. Intended for non-science majors. Will not serve as a prerequisite for CHEM 102, CHEM 201, or advanced science courses. Meets the requirement for a general education science lab course.

1499 CHEM100-1LC TH 8:00am - 10:35am 15-week

1500 CHEM100-11LB T 8:00am - 10:30am 15-week

Note: Students must register for corresponding lecture (LC) and lab (LB).

CHEM 101 - General Chemistry I (4)

Gen Ed Science

Prerequisites: Completion of high school chemistry strongly recommended AND (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 145/MATH 145S or MA 130/MA 130S or MATH 120/MATH 120A or MA 206/MA 206A or MATH 127 or MA 207 or appropriate score on mathematics placement test OR Prerequisite or Co-requisite: MATH 165 or MA 111)

(formerly CH 101)

Examines the concepts underlying modern chemistry including atomic and molecular structure, bonding, states of matter, and solutions. Intended for science majors, technology majors (STEM), and pre-allied health major. Laboratory experiments illustrate the lecture material. Meets the requirement for a general education science lab course.

1501 CHEM101-1LC MW 9:30am - 10:45am 15-week

1502 CHEM101-11LB M 11:00am - 1:30pm 15-week

1503 CHEM101-2LC MW 11:00am - 12:15pm 15-week

1504 CHEM101-21LB M 8:00am - 10:30am 15-week

1505 CHEM101-3LC MW 11:00am - 12:15pm 15-week

1506 CHEM101-31LB W 8:00am - 10:30am 15-week

1507 CHEM101-4LC MW 12:30pm - 1:45pm 15-week

1508 CHEM101-41LB M 2:00pm - 4:30pm 15-week

2022 CHEM101-5LC MW 2:00pm - 3:15pm 15-week

1880 CHEM101-51LB W 11:00am - 1:30pm 15-week

1509 CHEM101-6LC TTH 9:30am - 10:45am 15-week

1510 CHEM101-61LB T 11:00am - 1:30pm 15-week

1511 CHEM101-7LC F 11:00am - 1:35pm 15-week

1512 CHEM101-71LB F 8:00am - 10:30am 15-week

1515 CHEM101-8LC TTH 2:00pm - 3:15pm 15-week

1516 CHEM101-81LB TH 11:00am - 1:30pm 15-week

1517 CHEM101-9LC F 8:00am - 10:35am 15-week

1518 CHEM101-91LB F 11:00am - 1:30pm 15-week

1519 CHEM101-10LC SAT 9:00am - 11:30am 15-week

1520 CHEM101-101B SAT 12:15pm - 2:45pm 15-week


1523 CHEM101-11LC M 5:30pm - 8:05pm 15-week

1524 CHEM101-111B W 5:30pm - 8:00pm 15-week

1521 CHEM101-12LC T 6:00pm - 8:35pm 15-week

1522 CHEM101-121B TH 6:00pm - 8:30pm 15-week

Note: Students must register for corresponding lecture (LC) and lab (LB).

1525 CHEM101-ONL1  ONLINE 15-week

Note: CHEM 101 in the online format is very intense. Completion of high school chemistry and a strong science background is recommended. Students should be prepared to work hard to do well in this class.

CHEM 102 - General Chemistry II (4)

Gen Ed Science

Prerequisite: Grade of C or better in CHEM 101

(formerly CH 102)

Continues examining the concepts underlying general chemistry: intermolecular forces; chemistry of solutions; kinetics; equilibrium; acid-base chemistry; thermochemistry; electrochemistry; nuclear chemistry; chemistry of metals and nonmetals; organic chemistry including basic structures, nomenclature, and functional groups; mass spectrometry; and visible and infrared spectroscopies.

1526 CHEM102-1LC MW 2:00pm - 3:15pm 15-week

1527 CHEM102-11LB W 11:00am - 1:30pm 15-week

1528 CHEM102-2LC TTH 9:30am - 10:45am 15-week

1529 CHEM102-21LB T 12:30pm - 3:00pm 15-week

1532 CHEM102-3LC T 9:30am - 12:05pm 15-week

1533 CHEM102-31LB TH 9:30am - 12:00pm 15-week

1530 CHEM102-4LC W 5:30pm - 8:00pm 15-week

1531 CHEM102-41LB M 5:30pm - 8:00pm 15-week

Note: Students must register for corresponding lecture (LC) and lab (LB).

CHEM 201 - Organic Chemistry I (4)

Prerequisite: Grade of C or better in CHEM 102

(formerly CH 201)

Focuses on structure, nomenclature, reactions and uses of hydrocarbons, alkyl halides, alcohols, and compounds containing related functional groups. Mass spectrometry, infrared, and nuclear magnetic resonance spectroscopy are also covered. Lab experiments introduce basic organic chemistry techniques, synthesize and purify organic compounds, and provide hands-on experience with infrared spectroscopy.

2189 CHEM201-1LC MW 2:00pm - 3:15pm 15-week

2190 CHEM201-11LB M 11:00am - 1:55pm 15-week

1534 CHEM201-2LC TTH 11:00am - 12:15pm 15-week

1535 CHEM201-21LB TH 12:30pm - 3:25pm 15-week

1945 CHEM201-3LC M 5:30pm - 8:05pm 15-week

1946 CHEM201-31LB W 5:30pm - 8:25pm 15-week

Note: Students must register for corresponding lecture (LC) and lab (LB).

Chemistry Notes:

CHEM 100 - Chemistry and Society offered in spring semester only.

CHEM 202 - Organic Chemistry II offered in spring and summer semesters only.

CHIN: World Languages: Chinese

CHIN 101 - Introductory Chinese I (4)

Gen Ed Humanities

(formerly LC 101)

Introduces the fundamentals of the Chinese language and culture. Develops communicative competence in the four basic language skills (speaking, listening, reading, and writing). The Pinyin phonetic system of Mandarin Chinese and the Chinese characters are introduced in this course.

2082 CHIN101-1 TTH 12:30pm - 2:10pm 15-week






CMIS: Computer and Information Sciences

CMIS 101 - Information Systems and Technology (3)

Gen Ed Computer Literacy

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR *Co-requisite:* ENGL 75 (formerly CIS 101)

Explores the fundamentals of information systems and relevant technologies. This course surveys the terminologies, types, components, functions, architectures, and development life cycle of information systems. Topics include roles, values, impacts, applications, security concerns, social issues, ethics, and responsibilities related to the use of information systems in businesses. Students also learn productivity applications, such as word processing, spreadsheet, presentation, and database software.

1601	CMIS101-HYB1	M	9:30am - 10:45am	13-week	\$
1604	CMIS101-HYB2	W	9:30am - 10:45am	13-week	\$
1602	CMIS101-HYB3	MW	11:00am - 12:15pm	13-week	\$
1603	CMIS101-HYB4	MW	12:30pm - 1:45pm	13-week	\$
1605	CMIS101-HYB5	W	2:00pm - 3:15pm	2nd 10-week	\$
1606	CMIS101-HYB6	T	9:30am - 10:45am	13-week	\$
1607	CMIS101-HYB7	TTH	11:00am - 12:15pm	13-week	\$
1608	CMIS101-HYB8	TTH	12:30pm - 1:45pm	13-week	\$
1609	CMIS101-HYB9	TTH	2:00pm - 3:15pm	13-week	\$
1613	CMIS101-HY10	M	5:15pm - 7:00pm	2nd 10-week	\$
1612	CMIS101-HY11	T	5:00pm - 7:00pm	2nd 7 1/2-week	\$
1611	CMIS101-HY12	W	5:30pm - 7:00pm	13-week	\$
2064	CMIS101-ONL1		ONLINE	1st 7 1/2-week	\$
2221	CMIS101-ONL2		ONLINE	1st 10-week	\$
1614	CMIS101-ONL3		ONLINE	13-week	\$
2178	CMIS101-ONL4		ONLINE	2nd 10-week	\$
1615	CMIS101-ONL5		ONLINE	2nd 7 1/2-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMIS 105 - Introduction to Programming (2)

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR *Co-requisite:* ENGL 75 or ESOL 72 or ESOL 73 (formerly CIS 107)

Introduces programming and is aimed at students with no prior programming knowledge or skills. Covers basics of programming including variables, decision-making statements, and iterative statements. Students create logical solutions to novel problems using tools such as pseudocode and flowchart. Students write, test, and run elementary programs to solve problems using a high-level programming language.

1971	CMIS105-HYB1	T	2:30pm - 3:45pm	2nd 7 1/2-week	
1970	CMIS105-HYB2	T	5:15pm - 7:00pm	2nd 7 1/2-week	

CMIS 106 - Object Design and Programming (3)

Gen Ed Computer Literacy

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND *Prerequisite or Co-requisite:* MATH 81 or MATH 83 or MATH 85 or appropriate score on mathematics placement test (formerly CIS 106)

Covers basics of object-oriented programming, fundamentals of computer information systems, impact of information technology on the economic, political and cultural development of society as well as the ethical, societal, and legal aspects of information technology. Students will design, implement, document, and debug object-oriented programs to solve problems by utilizing various data types and algorithms, control structures, encapsulation, and inheritance. Students will participate in structured walkthroughs and discussions, create Unified Modeling Language (UML) diagrams in designing solutions, and debug errors within the designed solutions. Requires no prior programming experience.

1616	CMIS106-HYB1	MW	9:30am - 10:45am	13-week	
1617	CMIS106-HYB2	MW	11:00am - 12:15pm	13-week	
1618	CMIS106-HYB3	W	12:30pm - 2:00pm	13-week	
1619	CMIS106-HYB4	TTH	9:30am - 10:45am	13-week	
1620	CMIS106-HYB5	TTH	11:00am - 12:15pm	13-week	
1621	CMIS106-HYB6	T	12:30pm - 1:45pm	13-week	
1858	CMIS106-HYB7	W	5:15pm - 7:00pm	13-week	
1623	CMIS106-HYB8	TH	7:15pm - 9:00pm	13-week	
1872	CMIS106-ONL1		ONLINE	13-week	

CMIS 111E - Spreadsheets (3)

Prerequisite or Co-requisite: CMIS 101 or (CMIS 105 or CIS 107) or CMIS 106 (formerly CIS 111E)


Covers the basic and intermediate features of a commercial spreadsheet software package. Students design a variety of worksheets and charts; create formulas and functions, work with a spreadsheet's database features; apply 'what if' techniques and interchange data with other applications.

1624	CMIS111E-HYB1	M	5:15pm - 6:45pm	2nd 10-week
1625	CMIS111E-ONL1		ONLINE	13-week

CMIS 111L - UNIX/Linux Operating System (3)

Prerequisite or Co-requisite: (CMIS 105 or CIS 107) or CMIS 106 or (CMIS 120 or CIS 111M) (formerly CIS 111L)

Explores the practical use and operation of an open-source operating system (Linux/Unix). Students will learn how to use basic Unix commands, shell scripting, and various system utilities.

1626	CMIS111L-HYB1	TH	12:00pm - 1:45pm	13-week
1981	CMIS111L-HYB2	W	7:15pm - 8:45pm	13-week
1819	CMIS111L-ONL1		ONLINE	2nd 10-week

CMIS 111R - Business Software Applications (3)

(formerly CIS 111R)

Emphasizes an integrated approach. Covers different software applications, from spreadsheet to word processor, to graphs, to the file manager, to communication files. Provides numerous hands-on assignments and exercises. Students gain practical experience using a computer to solve problems that arise in the automated office environment.

1630	CMIS111R-ONL1		ONLINE	2nd 10-week
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CMIS 111V - Virtualization and Cloud Essentials (3)

Prerequisite or Co-requisite: CMIS 106 or (CMIS 105 or CIS 107) or (CMIS 120 or CIS 111M) (formerly CIS 111V)

Surveys the virtualization technology and applications. Introduces the business value and impact of virtualization and cloud computing, essential characteristics of cloud computing, cloud technologies and applications, cloud computing architecture, and cloud service models as well as cloud adoption and deployment. Topics include virtualization concepts, virtualization infrastructure, virtualization in cloud environment, business and technical perspective of cloud computing, cloud models, cloud economics, cloud computing services, and application as well as adoption and deployment of cloud computing. Covers the objectives of Amazon Web Services (AWS) Certified Cloud Practitioner exam and CompTIA Cloud Essentials certification exam.

2214	CMIS111V-HYB1	M	7:15pm - 8:45pm	2nd 10-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMIS 117 - Data Science Essentials (3)

Prerequisite: ENGL 70 OR *Prerequisites or Co-requisites:* ENGL 75 or (ESOL 72 and ESOL 73) (formerly CIS 117)

Introduces concepts and techniques of data collection and discovery as well as computer based data analysis tools. Surveys data wrangling, data journalism, data visualization, big data analytics, and data engineering technologies, such as Hadoop and MapReduce. Topics include the data organization and repository, data science process, inductive data-driven modeling, statistical inference, logistic regression, and exploratory data analysis.

2181	CMIS117-ONL1		ONLINE	2nd 7 1/2-week
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CMIS 118 - Data Analytics Using Spreadsheets (3)

Prerequisite or Co-requisite: CMIS 101 or (CMIS 105 or CIS 107) or CMIS 106 or CMIS 111E or CMIS 111R (formerly CIS 118)


Covers the theory and techniques of data modeling and data analysis using spreadsheets. Students learn to summarize data, explore data, produce accumulated data, and visualize data by utilizing spreadsheet software, such as MS Excel.

2182	CMIS118-HYB1	M	7:00pm - 8:30pm	2nd 7 1/2-week
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CMIS 120 - PC Operating Systems (3)

Prerequisite or Co-requisite: CMIS 121 or CIS 212
(formerly CIS 111M)


Explores the installation, configuration, and operations of operating systems. Students learn to set up, configure, troubleshoot, and maintain hardware devices and software applications on an operating system. Covers the objectives of CompTIA A+ certification exam. It is required that students take this course and CMIS 121 PC Repair & Diagnostics in the same semester.

1627	CMIS120-HYL1	M	2:30pm - 3:45pm	13-week
<i>Note: Students must also register for CMIS121-HYL1.</i>				
1966	CMIS120-HYL2	W	9:25am - 10:50am	1st 10-week
<i>Note: Students must also register for CMIS121-HYL2.</i>				
1628	CMIS120-HYL3	T	5:00pm - 6:15pm	13-week
<i>Note: Students must also register for CMIS121-HYL3.</i>				
1629	CMIS120-ONLK		ONLINE	13-week
<i>Note: Students must also register for CMIS121-ONLK.</i>				

CMIS 121 - PC Repair & Diagnostics (3)

Prerequisite or Co-requisite: CMIS 120 or CIS 111M
(formerly CIS 212)

Introduces diagnosis and troubleshooting of personal computers. This course covers the hardware and software troubleshooting techniques, including diagnosis software, board replacement, storage, and memory troubleshooting. Covers the objectives of CompTIA A+ certification exam. It is required that students take this course and CMIS 120 PC Operating Systems in the same semester.

1652	CMIS121-HYL1	M	3:45pm - 5:00pm	13-week
<i>Note: Students must also register for CMIS120-HYL1.</i>				
1967	CMIS121-HYL2	W	10:50am - 12:15pm	1st 10-week
<i>Note: Students must also register for CMIS120-HYL2.</i>				
1653	CMIS121-HYL3	T	6:15pm - 7:30pm	13-week
<i>Note: Students must also register for CMIS120-HYL3.</i>				
1654	CMIS121-ONLK		ONLINE	13-week
<i>Note: Students must also register for CMIS120-ONLK.</i>				

CMIS 140 - Java Programming (3)

Prerequisite or Co-requisite: CMIS 106
(formerly CIS 140)

Introduces Java programming language with an emphasis on object-oriented principles. Students utilize library classes in developing Java standalone applications and applets. Topics include Graphical User Interface (GUI) programming, event-driven programming, inheritance, and polymorphism.

1631	CMIS140-HYB1	W	7:15pm - 9:00pm	13-week
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CMIS 173 - Healthcare Information Technology (3)

Prerequisite or Co-requisite: CMIS 101 or (CMIS 105 or CIS 107) or CMIS 106 or (CMIS 120 or CIS 111M)
(formerly CIS 173)

Prepares students to become healthcare information technology technicians. Topics covered include healthcare-related regulatory requirements, healthcare terminology/acronyms, medical business operations, electronic health records (EHRs), and healthcare specific security best practices. Students will obtain the knowledge and skills required to implement, deploy, and support health IT systems in medical facilities.

1878	CMIS173-ONL1		ONLINE	2nd 7 1/2-week
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CMIS 175 - Game Theory and Design (3)

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly CIS 175)

Covers game theory and design. Topics include the roles of game designers, game structures and elements as well as game development stages and methods. Students learn about designing, prototyping, and playtesting games.

1635	CMIS175-HYB1	T	5:15pm - 6:45pm	1st 5-week
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CMIS 176 - Game Creation (3)

Prerequisite or Co-requisite: CMIS 101 or (CMIS 105 or CIS 107) or CMIS 106 or CMIS 175
(formerly CIS 176)

Covers the creation of basic games. This hands-on course guides students step by step through the basics of building interactive games. Students learn to create computer games utilizing current technologies, such as web page design/development languages, animation/simulation software, and game engines.

1636	CMIS176-HYB1	T	5:15pm - 6:45pm	2nd 10-week
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CMIS 177 - Interactive 3D Technology (3)

Prerequisite or Co-requisite: CMIS 101 or (CMIS 105 or CIS 107) or CMIS 106
(formerly CIS 177)

Surveys the current 3 dimensional (3D) technologies and introduces the design and creation of virtual interactive 3D models. Covered techniques include mesh modeling, texturing, lighting, rigging, animating, and rendering. Students learn to design and develop computer generated interactive 3D worlds using 3D production tools such as Blender.

1637	CMIS177-HYB1	T	2:00pm - 4:30pm	1st 7 1/2-week
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CMIS 178 - 3D Modeling and Animation (3)

Prerequisite or Co-requisite: CMIS 177
(formerly CIS 178)



Introduces fundamentals of creating and animating 3 dimensional (3D) computer modeling. The industry standard 3D modeling and animation software are surveyed and explored. This course covers Autodesk Maya Certified Professional exam topics and objectives. Topics include 3D modeling concepts and 3D animation process. Students learn to create and animate 3D models using 3D modeling tools.

1638	CMIS178-HYB1	T	2:00pm - 4:30pm	2nd 7 1/2-week	\$
<i>\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.</i>					

CMIS 179 - Cybersecurity Fundamentals (3)

Prerequisite or Co-requisite: CMIS 101 or (CMIS 105 or CIS 107) or CMIS 106 or (CMIS 120 or CIS 111M)
(formerly CIS 179)

Introduces the Essential Body of Knowledge for IT security and the fundamentals of cybersecurity, including the cyber architecture, components of security practices, and cybersecurity-related legislative framework. Students learn to identify risks, threats, and vulnerabilities relevant to information technology resources and to analyze the significance of security models and issues associated with security management. Surveys the software lifecycle and software assurance.

1821	CMIS179-HYB1	W	12:30pm - 1:45pm	2nd 7-week	\$
1879	CMIS179-HYB2	M	5:15pm - 6:45pm	2nd 10-week	\$
2183	CMIS179-ONL1		ONLINE	1st 7 1/2-week	\$
1639	CMIS179-ONL2		ONLINE	2nd 7 1/2-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMIS 200 - IT Support Services (3)

Prerequisite or Co-requisite: (CMIS 120 or CIS 111M) or (CMIS 121 or CIS 212)
(formerly CIS 200)

Introduces the fundamentals, operations, roles, and responsibilities of information technology (IT) support services. Students practice problem-solving and communication skills appropriate in the computer user-support environment. Best practices in customer support and professional work habits are emphasized throughout the course. Topics include incident identification, incident management, information collection skills, communication skills, personal skills, technical skills, security skills, troubleshooting skills, training skills, and business skills.

1822	CMIS200-ONL1		ONLINE	2nd 7 1/2-week
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CMIS 201 - Computer Science I (4)

Prerequisite: (MA 81 or MATH 67 or MA 83 or MA 85 or a appropriate score on mathematics placement test) and (Grade of C or better in CMIS 106) and Co-requisite: CMIS 140
(formerly CIS 201)

Emphasizes object-oriented design, data abstraction and programming beyond an introductory level. Introduces user interfaces and graphics through the study of object design. Emphasizes object-oriented software engineering including Unified Modeling Language (UML). Investigates fundamental sorting and searching algorithms, introductory dynamic data structures and event-driven programming techniques. Develops programming skills using a language that supports the object-oriented paradigm.

1648	CMIS201-HYB1	TH	2:00pm - 3:45pm	15-week
1647	CMIS201-HYB2	W	5:15pm - 7:00pm	13-week

CMIS 202 - Computer Science II (4)

Prerequisite: Grade of C or better in CMIS 201
(formerly CIS 202)


Emphasizes algorithms, data structures, and object-oriented software engineering. Introduces algorithmic analysis including asymptotic notation, empirical performance measurements, and time/space tradeoffs. Covers fundamental computing algorithms including sorting, searching, and manipulating dynamic data structures, such as lists, stacks, queues, trees, graphs and hash tables. Investigates recursion including applications to algorithms and data structures. Integrates further software engineering concepts including data abstraction and participation in team programming projects. Projects will be completed using a language that supports the object-oriented paradigm (Java).

1649	CMIS202-HYB1	TH	5:15pm - 7:00pm	13-week
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CMIS 203 - Systems Analysis & Design (3)

Prerequisite: CMIS 106
(formerly CIS 203)

Presents concepts of structured systems analysis and design techniques such as problem definition, cost analysis, charting and scheduling, implementation planning and documentation. Emphasizes project management, communication and analytical skills.

1650	CMIS203-HYB1	W	2:00pm - 3:30pm	13-week	\$
1979	CMIS203-HYB2	M	5:15pm - 6:45pm	13-week	\$
2184	CMIS203-ONL1		ONLINE	1st 10-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMIS 204 - Computer & Information Sciences Project (3)

Prerequisite or Co-requisite: CMIS 203
(formerly CIS 204)

Assigns a project commensurate with student's background and training, and carries it through from system analysis and design to program preparation and implementation.

1651	CMIS204-ONL1		ONLINE	2nd 10-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMIS 208 - C++ Programming (3)

Prerequisite: CMIS 106
(formerly CIS 208)

Emphasizes object-oriented programming in C++. This course provides a comprehensive coverage of C++ features, including arrays, strings, pointers, references, classes, inheritance, polymorphism, function overloading, function overriding, virtual function, and template. Students learn to design and implement object-oriented programs in C++ programming language.

2185	CMIS208-HYB1	M	5:15pm - 8:15pm	2nd 10-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMIS 217 - Cybercrime and Digital Forensics (3)

Prerequisite or Co-requisite: CMIS 111L or CMIS 111V or CMIS 120 or CIS 111M
(formerly CIS 217)

Covers the fundamentals of computer forensics, and the techniques and processes involved in identifying, collecting, preserving, and analyzing digital evidence. Surveys the contemporary crime and related legal issues and laws.

1656	CMIS217-HYB1	T	5:15pm - 6:45pm	13-week	\$
1655	CMIS217-ONL1		ONLINE	2nd 10-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMIS 218 - Information Security (3)

Prerequisite or Co-requisite: (CMIS 105 or CIS 107) or CMIS 106 or (CMIS 120 or CIS 111M)
(formerly CIS 218)

Covers the fundamentals of information security and assurance. Topics include cryptography, security architecture and controls, risk management and governance, disaster recovery planning and management, as well as security frameworks, standards, and policies. Students learn to protect information systems from unauthorized access in order to ensure confidentiality, integrity, and availability.

2187	CMIS218-HYB1	T	7:00pm - 8:45pm	2nd 10-week	
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CMIS 219 - Ethical Hacking (3)

Prerequisite or Co-requisite: CMIS 111L
(formerly CIS 219)

Covers the fundamentals of protecting information technology resources from cyber attacks. Students learn the tools and penetration testing methodologies used by ethical hackers, as well as the methods and tools to protect against attacks and vulnerabilities. Surveys computer crime-related laws and regulations.

1657	CMIS219-HYB1	W	5:15pm - 7:00pm	13-week	\$
2186	CMIS219-ONL1		ONLINE	2nd 10-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMIS 222 - Computer Organization (4)

Prerequisite: CMIS 106
(formerly CIS 222)

Introduces the organization and essential functions of computer systems. This course surveys the components of computer systems from the architecture point of view and provides an in-depth discussion on topics including central processor unit (CPU) structure, instruction sets, data representation, computer arithmetic, digital logic, memory architectures, and parallel processing. Students will also explore the support of operating systems from programming perspectives.

1658	CMIS222-HYB1	TH	7:15pm - 8:45pm	2nd 10-week	
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CMIS 225C - Computer Programming Language: Mobile Applet Programming (3)

Prerequisite: CMIS 106
(formerly CIS 225C)

Introduces applet programming for mobile devices using the Android operating system.

1824	CMIS225C-HYB1	M	7:00pm - 8:45pm	2nd 10-week	
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CMIS 227 - Game Programming (4)

Prerequisite: (CMIS 105 or CIS 107) or CMIS 106
(formerly CIS 227)

Covers the development of computer games using a high-level programming language. Introduces game development aspects and techniques through creation of computer programs. This course also surveys the modern game engines. Students learn to develop computer game programs for specific game engines and platforms.

1660	CMIS227-HYB1	T	7:15pm - 8:45pm	13-week	
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CMIS 228 - Simulation and Game Development (4)

Prerequisite: (CMIS 105 or CIS 107) or CMIS 106 or CMIS 177 or CMIS 178
(formerly CIS 228)

Covers the development of digital interactive contents used in computer games and computerized simulations. This course introduces students to the current game engines and simulation software used to build comprehensive and interactive computer games and simulations.

2015	CMIS228-HYB1	T	5:00pm - 7:00pm	13-week	
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CMIS 280 - Networking Fundamentals (3)

Prerequisite or Co-requisite: CMIS 120 or CIS 111M
(formerly CIS 180)

Reviews hardware, operating systems, and other networking principles. Includes comprehensive networking skill sets necessary for the CompTIA Network exam.

1640	CMIS280-HYB1	T	3:00pm - 5:00pm	1st 7 1/2-week	
1641	CMIS280-HYB2	TH	7:00pm - 9:00pm	1st 7 1/2-week	

CMIS 281 - Security Fundamentals (3)

Prerequisite or Co-requisite: CMIS 280 or CIS 180
(formerly CIS 170)

Provides students with the knowledge and skills to implement, maintain and secure network services, network devices, and network traffic. Builds on foundational network concepts, computer hardware, and operating systems principles.

1632	CMIS281-HYB1	T	3:00pm - 5:00pm	2nd 7 1/2-week	
1633	CMIS281-HYB2	TH	7:00pm - 9:00pm	2nd 7 1/2-week	

CMIS 290 - Cisco 1 Network Fundamentals (3)

Prerequisite or Co-requisite: CMIS 106 or (CMIS 120 or CIS 111M)
(formerly CIS 190)

Covers networking fundamentals, Open Systems Interconnection (OSI) network reference model, and Transmission Control Protocol/Internet Protocol (TCP/IP). Topics include network topologies, protocols, IP addressing, subnet masks, and Ethernet. Students will also learn the basic network design and cable installation.

1643	CMIS290-ONL1		ONLINE	1st 7 1/2-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMIS 291 - Cisco 2 Routing Technologies (3)

Prerequisite or Co-requisite: CMIS 280 or CIS 180 or CMIS 290 or CIS 190 (formerly CIS 191)

Introduces the routing protocols and concepts, as well as the fundamentals of Cisco routers. Students learn to install, configure, customize, operate, maintain, and troubleshoot Cisco routers and relevant components.

1644 CMIS291-ONL1  **ONLINE** **2nd 7 1/2-week** **\$**
\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMIS 292 - Cisco 3 Switching Technologies (3)

Prerequisite or Co-requisite: CMIS 291 or CIS 191 (formerly CIS 192)

Surveys switching protocols, Local Area Networks (LANs), and LAN switching. Students will analyze, configure, verify, and troubleshoot routing protocols, including routing for IPv4 and IPv6, EIGRP for IPv4 and IPv6, as well as OSPF for IPv4 and IPv6. This course also covers LAN switch operations and virtual private networks.

1645 CMIS292-HYB1 **M** **5:00pm - 7:30pm** **1st 7 1/2-week**

CMIS 293 - Cisco 4 WAN Technologies (3)

Prerequisite or Co-requisite: CMIS 292 or CIS 192 (formerly CIS 193)


Introduces the principles and implementation of Wide Area Networks (WANs). Topics include the traffic control and access control lists (ACLs), services and protocols for wide-area access, Point-to-Point (PPP) protocols and WAN, as well as the concepts and operations of frame relay. Students learn to configure, verify, and troubleshoot WANs.

1646 CMIS293-HYB1 **M** **5:00pm - 7:30pm** **2nd 7 1/2-week**

CMIS 295 - Cloud Security (3)

Prerequisite or Co-requisite: CMIS 111V or CMIS 266 or (CMIS 280 or CIS 180) or (CMIS 290 or CIS 190) (formerly CIS 223)

Covers the essentials of the cloud security technologies, mechanisms, and standards/frameworks as outlined by Cloud Security Alliance (CSA) and National Institute of Standards and Technology (NIST) Cloud Computing Security Standards. Surveys cloud governance, certification compliance, and accreditation. Students learn to analyze risk in cloud environments and cloud security solutions, create and secure public and private cloud instances, and secure cloud applications.

1659 CMIS295-HYB1 **TH** **5:15pm - 6:45pm** **13-week** **\$**
1823 CMIS295-ONL1  **ONLINE** **1st 10-week** **\$**

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMTE: Construction Management Technology

CMTE 100 - Occupational Safety & Health (2)

Identifies factors and practices that aid in accident prevention and elimination of hazards in the workplace. Topics will include liability, standards, OSHA, hazard control, accident investigation, and safety management.

2218 CMTE100-1 **T** **5:00pm - 7:00pm** **15-week**

CMTE 101 - Construction Management (3)

Prerequisite or Co-requisite: ENGL 70 or ENGL 75 or (ESOL 72 and ESOL 73) (formerly CON 101)

Introduces the construction management process, each party's roles and responsibilities, forms of construction management delivery systems, and construction documents. Students will describe the role of the construction manager within the context of ensuring timely, high quality, profitable, and safe construction projects.

1661 CMTE101-ONL1  **ONLINE** **15-week**

CMTE 130 - Materials & Methods of Construction (3)

Prerequisite or Co-requisite: ENGL 70 or ENGL 75 or (ESOL 72 and ESOL 73) (formerly CON 132)

Provides the construction manager with a fundamental understanding of materials and methods of construction. Emphasizes properties of materials, engineering methods, construction methods, testing methods, and related building codes. This course focuses on soil, earthwork, foundations, paving, concrete, masonry, thermal products, roofing, wood construction, steel construction, exterior and interior finishes, glazing, windows, doors, exterior wall systems, cladding, interior walls/partitions, finish ceilings, and flooring.

1662 CMTE130-1 **TH** **5:00pm - 7:35pm** **15-week**

CMTE 140 - Architectural Blueprint Reading (3)

Prerequisite or Co-requisite: ENGL 70 or ENGL 75 or (ESOL 72 and ESOL 73) (formerly CON 140)

Introduces basic blueprint and construction document reading methodology. Develops the practice of utilizing construction documents as an important communication tool in the construction process. Areas of focus include views, symbols, scales, dimensions, materials, construction methods, and terminology used in the various disciplines included in construction documents.

2220 CMTE140-1 **M** **5:00pm - 7:35pm** **15-week**

CMTE 200 - Site Management (3)

Prerequisites or Co-requisites: (CMTE 101 or BLDT 101) and (CMTE 130 or CON 132) (formerly CON 203)

Examines the principles that apply to planning and managing construction project field operations. Major areas of focus include documentation and recordkeeping, jobsite layout and control, project safety, jobsite labor relations, subcontracting and purchasing, time and cost control, changes and claims, quality management, payments, and project closeout.

1663 CMTE200-1 **TH** **5:00pm - 7:35pm** **15-week**

CMTE 210 - Construction Project Cost Estimating (3)

Prerequisites: (CMTE 101 or CMTE 130 or CON 133 or CADT 101) and CMIS 101 and (MA 80 or appropriate score on mathematics placement test) (formerly CON 204)

Introduces cost estimating concepts and methodologies that apply to the construction industry. Areas of emphasis include estimating techniques, quantity take-off, pricing, material and labor estimation, estimating by division, bidding, and computer applications.

1664 CMTE210-1 **T** **5:00pm - 7:35pm** **15-week**

CMTE 220 - Construction Project Scheduling (3)

Prerequisites: CMTE 101 and CMTE 140 (formerly CON 206)

Introduces the concepts and procedures in preparing a project schedule. Bar charts, critical path method, and computer applications are examined. Students will use sample projects and case studies to apply scheduling concepts.

2219 CMTE220-1 **W** **5:00pm - 7:35pm** **15-week**

COMM: Communications

COMM 101 - Introduction to Communication Studies (3)

Gen Ed Communications

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75 (formerly CMSP 101)

Introduces students to the basic theories and practical applications of human communication as it relates to their communication experiences. These include interpersonal situations, intercultural experiences, small group interactions, and public communication. Students will be given opportunities to develop their effectiveness in the speaking-listening communicative setting as well as develop knowledge of the communication process as a system.

2248 COMM101-1 **MW** **9:30am - 10:45am** **15-week**
1834 COMM101-2 **MW** **12:30pm - 1:45pm** **15-week**
1167 COMM101-3 **TTH** **9:30am - 10:45am** **15-week**
1978 COMM101-4 **TTH** **2:00pm - 3:15pm** **15-week**
1953 COMM101-5 **M** **6:00pm - 8:35pm** **15-week**



No/Low Cost Textbooks: At FCC, this symbol indicates specific course sections in which textbooks are available for less than \$40. These sections require regular access to the Internet as most of the resources are in a digital format. Note that certain no/low cost textbook courses (e.g., science labs, art studio classes) have textbooks available for less than \$40 but may require purchase of additional course materials and supplies.

COMM 103 - Public Speaking (3)

Gen Ed Communications

Prerequisite: ENGL 70 or ENGL 75 or ESOL 72 or Co-requisite: ENGL 75 (formerly CMSP 103)

Emphasizes the attainment of understanding and skill in public speaking. Assignments require analyzing the audience, researching, organizing, outlining, supporting and delivering a variety of extemporaneous speeches.

1140	COMM103-1	MW	8:00am - 9:15am	15-week	\$
1141	COMM103-2	MW	9:30am - 10:45am	15-week	\$
1142	COMM103-3	MW	11:00am - 12:15pm	15-week	\$
2255	COMM103-4	MW	12:30pm - 1:45pm	15-week	\$
1144	COMM103-5	TTH	9:30am - 10:45am	15-week	\$
1145	COMM103-6	TTH	12:30pm - 1:45pm	15-week	\$
1146	COMM103-7	TTH	2:00pm - 3:15pm	15-week	\$
1147	COMM103-8	W	6:00pm - 8:35pm	15-week	\$
1143	COMM103-WE1	MW	2:00pm - 3:15pm	13-week	\$
2029	COMM103-WE2	TTH	11:00am - 12:15pm	13-week	\$

Note: This web enhanced course requires completion of selected online assignments.

1148	COMM103-ONL1	📱	ONLINE	15-week	\$
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Note: Four mandatory on-campus meetings: Wednesdays, 6:00pm-8:00pm on 9/12, 10/10, 11/7, and 12/5.

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

COMM 103H - Public Speaking (3)

Gen Ed Communications

Prerequisite: ENGL 70 or ENGL 75 or ESOL 72 or Co-requisite: ENGL 75 (formerly CMSP 103)

Emphasizes the attainment of understanding and skill in public speaking. Assignments require analyzing the audience, researching, organizing, outlining, supporting and delivering a variety of extemporaneous speeches.

1149	COMM103H-1	TTH	11:00am - 12:15pm	15-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

COMM 105 - Small Group Communication (3)

Gen Ed Communications; Cultural Competence

Prerequisite: ENGL 70 or ENGL 75 or ESOL 72 or Co-requisite: ENGL 75 (formerly CMSP 105)

Offers skills development in verbal, non-verbal and intercultural communication, listening, observation, leadership, and participation in groups. Emphasizes collaborative learning through researching and analyzing questions of fact and policy, problem solving and decision making, interacting and reaching consensus.

1906	COMM105-1	MW	8:00am - 9:15am	15-week	
1150	COMM105-2	MW	9:30am - 10:45am	15-week	
1151	COMM105-3	MW	11:00am - 12:15pm	15-week	
1152	COMM105-4	MW	11:00am - 12:15pm	15-week	
1153	COMM105-5	MW	12:30pm - 1:45pm	15-week	
1154	COMM105-6	MW	2:00pm - 3:15pm	15-week	
1155	COMM105-7	MW	3:30pm - 4:45pm	15-week	
1156	COMM105-8	TTH	8:00am - 10:35am	2nd 7 1/2-week	
1157	COMM105-9	TTH	9:30am - 10:45am	15-week	
2030	COMM105-10	TTH	9:30am - 10:45am	15-week	
2031	COMM105-11	TTH	9:30am - 12:05pm	1st 7 1/2-week	
1808	COMM105-12	TTH	11:00am - 12:15pm	15-week	
2209	COMM105-13	TTH	11:00am - 1:35pm	1st 7 1/2-week	
1158	COMM105-14	TTH	12:30pm - 1:45pm	15-week	
1954	COMM105-15	TTH	12:30pm - 1:45pm	15-week	
1159	COMM105-16	TTH	2:00pm - 3:15pm	15-week	
1160	COMM105-17	TTH	3:30pm - 4:45pm	15-week	
1162	COMM105-18	M	6:00pm - 8:35pm	15-week	
1164	COMM105-19	TTH	6:00pm - 8:35pm	2nd 7 1/2-week	
1161	COMM105-WE1	F	11:00am - 1:30pm	13-week	

Note: This web enhanced course requires completion of selected online assignments.

COMM 107 - Career Communication (3)

Gen Ed Communications

Prerequisite: ENGL 70 or ENGL 75 or ESOL 73 or Co-requisite: ENGL 75 (formerly CMSP 107)

Offers students knowledge and skills needed to communicate within their prospective professions and with others outside those professions. Assignments in interview, group discussion and extemporaneous speaking are adapted to individual students.

1165	COMM107-1	TTH	9:30am - 10:45am	15-week	
2210	COMM107-2	MW	12:30pm - 3:00pm	1st 7 1/2-week	
1166	COMM107-ONL1	📱	ONLINE	15-week	

Note: Mandatory on-campus session: Saturday, 10/26/19 at 8:30am-12:30pm.

Inclement Weather make-up date: Saturday, 11/2/19 at 8:30am-12:30pm.

COMM 109 - Basic Conflict Mediation (3)

Gen Ed Communications

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) (formerly CMSP 109)

Presents the 7-Step Model of mediation, which includes strategic listening, handling power imbalances, and dealing with intense emotions. Students will engage in role plays and simulations for hands-on experience. Students will also conduct critical analyses of varying conflict resolution theories and mediation styles through discussion and written reflections.

1955	COMM109-1	F	10:00am - 3:20pm	2nd 7 1/2-week	
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COMM 111 - Introduction to Mass Communication (3)

Gen Ed Communications

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75 (formerly CMM 101)

Surveys the history, structure, functions, and effects of mass media, and explores careers in the field of mass media. Focuses on the application and significance of media literacy in analyzing the impact of the various media on society and the individual, and examines how the media effectively fulfill their purposes as deliverers of information, persuasion, entertainment, and culture.

1116	COMM111-1	MW	8:00am - 9:15am	15-week	
1117	COMM111-2	MW	2:00pm - 3:15pm	15-week	
2211	COMM111-3	TH	6:00pm - 10:00pm	1st 7 1/2-week	
1908	COMM111-WE1	MW	12:30pm - 1:45pm	13-week	

Note: This web enhanced course requires completion of selected online assignments.

1118	COMM111-ONL1	📱	ONLINE	5-week	
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ECED: Early Childhood Development

ECED 101 - Child Development & Behavior (3)

Prerequisite: ENGL 70 or ENGL 75 or ESOL 72 (formerly ED 100)

Introduces basic growth and developmental principles necessary to work with young children from birth to twelve years old. Emphasizes the social, emotional, physical, and cognitive developmental stages of the young child. This course meets the Maryland State Department Office of Child Care Licensing & Credentialing requirements. This course is 45 hours of the 90 hours required for Preschool Lead Teacher.

1714	ECED101-1	MW	9:30am - 10:45am	15-week	
1723	ECED101-ONL1	📱	ONLINE	15-week	

ECED 105 - Introduction to Early Childhood Education (3)

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) (formerly ECD 101)

Examines conceptual framework for understanding the role of the early childhood education professional. Content focuses on the profession of early childhood education in the context of historical, philosophical, and social influences. Units of study also review contemporary trends, issues and practices in the field of early childhood education.

1708	ECED105-1	TTH	9:30am - 10:45am	15-week	
1709	ECED105-ONL1	📱	ONLINE	15-week	

ECED 125 - Methods and Materials in Early Childhood (3)

Prerequisite or Co-requisite: ECED 105 or ECD 101
(formerly ECD 104)

Designed to teach the methods and proper use of materials in presenting creative learning experiences to young children in the areas of language, creative dramatics, art, music, movement, math, science, emergent literacy, and outdoor activities. This course meets the state requirements for Office of Child Care Licensing & Credentialing. This course is 45 hours of the 90 hours required for Preschool Lead Teacher. Fifteen hours of documented observation are required.

1710 ECED125-1	MW	11:00am - 12:15pm	15-week
1711 ECED125-ONL1		ONLINE	15-week

ECED 135 - Infants & Toddlers Development and Care (3)

Prerequisite: ENGL 70 or ENGL 75 or ESOL 72 or Co-requisite: ENGL 75
(formerly ECD 106)


Examines the best practices designed to meet the needs of infants and toddlers as related to their physical growth and development, mental health, and human relationships. Attention will be given to the family and child's multicultural customs, gender equity, and children with special needs, while insuring quality program development and implementation in out of home care environments. Content will focus on the caregiver, the child, and the program being provided to meet the learning needs of the infant and toddler. This course meets the state requirements of Office of Child Care Licensing and Credentialing for Infant/Toddler Lead Teacher.

1712 ECED135-ONL1		ONLINE	2nd 7 1/2-week
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ECED 145 - Child Health, Safety and Nutrition (3)

Prerequisite: ENGL 70 or ENGL 75 or ESOL 72 or Co-requisite: ENGL 75
(formerly ECD 107)

Presents a survey of the health, safety and nutritional needs of young children. Includes required state and federal codes. Emphasizes the establishment and maintenance of a safe and healthy learning environment.

2057 ECED145-ONL1		ONLINE	15-week
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ECED 155 - Activities for the School-Age Child (3)

Prerequisite: ENGL 70 or ENGL 75 or ESOL 72 or Co-requisite: ENGL 75
(formerly ECD 108)

Examines developmentally appropriate principles, materials, and methods used with school age children ages 6 to 12. Specific consideration given to planning activities for school age child care. Students plan and present lessons in the areas of physical, cognitive, and social development. This course meets the state requirements of Office of Child Care Licensing and Credentialing for School Age Teacher.

1961 ECED155-ONL1		ONLINE	1st 7 1/2-week
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ECED 245 - Directed Practicum in Early Childhood (3)

Prerequisites: ECED 101 or ED 100, ECED 105 or ECD 101, ECED 125 or ECD 104, ECED 135 or ECD 106, ECED 215 or ECD 213, and EDUC 230 or ED 203
(formerly ECD 210)

Offers students an opportunity to conduct structured observation and participate in activities in an early childhood setting. Students will provide assistance to the classroom instructor and may be required to assume major responsibility for the full range of teaching and care giving duties for a group of young children. In addition, students will complete a course portfolio. Students will participate in 60 hours of directed practicum at an assigned site (4 hours per week).

1713 ECED245-1	T	9:00am - 1:00pm	15-week
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No/Low Cost Textbooks: At FCC, this symbol indicates specific course sections in which textbooks are available for less than \$40. These sections require regular access to the Internet as most of the resources are in a digital format. Note that certain no/low cost textbook courses (e.g., science labs, art studio classes) have textbooks available for less than \$40 but may require purchase of additional course materials and supplies.


ECON: Economics

ECON 201 - Principles of Macroeconomics (3)

Gen Ed Economics

Prerequisite or Co-requisite: ENGL 101 and (Any credit math course or appropriate score on mathematics placement test)
(formerly EC 201)

Explores concepts of macroeconomics including national accounts, national income analysis, unemployment, inflation, and business cycles, along with fiscal and monetary policies and the monetary system with an essentially macro-economic approach.

1665 ECON201-1	MW	9:30am - 10:45am	15-week	
1667 ECON201-2	TTH	8:00am - 9:15am	15-week	
1668 ECON201-3	TTH	9:30am - 10:45am	15-week	
1669 ECON201-4	TTH	11:00am - 12:15pm	15-week	
1666 ECON201-HYB1	W	2:00pm - 3:15pm	15-week	
1670 ECON201-HYB2	SAT	9:00am - 11:35am	1st 7 1/2-week	
1671 ECON201-HYB3	M	6:00pm - 9:00pm	1st 7 1/2-week	
1672 ECON201-HYB4	T	6:00pm - 9:00pm	2nd 7 1/2-week	
1673 ECON201-ONL1		ONLINE	15-week	
2110 ECON201-ONL2		ONLINE	15-week	

 *Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.*

ECON 201H - Principles of Macroeconomics (3)

Gen Ed Economics

Prerequisite or Co-requisite: ENGL 101 and (Any credit math course or appropriate score on mathematics placement test)
(formerly EC 201)

Explores concepts of macroeconomics including national accounts, national income analysis, unemployment, inflation, and business cycles, along with fiscal and monetary policies and the monetary system with an essentially macro-economic approach.







2000 ECON201H-1	TTH	12:30pm - 1:45pm	15-week	
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 *Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.*

ECON 202 - Principles of Microeconomics (3)

Prerequisite: ECON 201
(formerly EC 202)

Explores the behavior of individual consumers and business firms and emphasizes price theory, the impact of different market structures upon economic activity, distribution, international trade, and economic development with an essentially micro-economic approach.

1674 ECON202-1	MW	9:30am - 10:45am	15-week	
1675 ECON202-2	TTH	8:00am - 9:15am	15-week	
2076 ECON202-HYB1	SAT	9:00am - 11:30am	2nd 7 1/2-week	
1676 ECON202-HYB2	M	6:00pm - 9:00pm	2nd 7 1/2-week	
1677 ECON202-ONL1		ONLINE	15-week	

 *Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40*





EDPS: Educational Psychology

EDPS 210 - Human Growth and Development (3)

Gen Ed Education

Prerequisite or Co-requisite: ENGL 101
(formerly ED/PS 208)

Presents central concepts related to parameters of human development through the life span. Includes physical, social, emotional and mental development at the various stages of life. Considers the influence of culture as well as individual differences.

1724	EDPS210-1	MW	8:00am - 9:15am	15-week	
2228	EDPS210-2	MW	9:30am - 10:45am	15-week	
2229	EDPS210-3	MW	2:00pm - 3:15pm	15-week	
1727	EDPS210-4	TTH	9:30am - 10:45am	15-week	
1725	EDPS210-5	TTH	11:00am - 12:15pm	15-week	
1726	EDPS210-6	TTH	12:30pm - 1:45pm	15-week	
1729	EDPS210-HYB1	T	6:00pm - 7:15pm	2nd 7 1/2 week	
2012	EDPS210-ONL1		ONLINE	15-week	\$
1730	EDPS210-ONL2		ONLINE	13-week	\$
2224	EDPS210-ONL3		ONLINE	1st 7 1/2-week	
1731	EDPS210-ONL4		ONLINE	2nd 7 1/2-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

EDPS 210H - Human Growth and Development (3)

Gen Ed Education

Prerequisite or Co-requisite: ENGL 101
(formerly ED/PS 208)

Presents central concepts related to parameters of human development through the life span. Includes physical, social, emotional and mental development at the various stages of life. Considers the influence of culture as well as individual differences.

2230	EDPS210H-1	TTH	2:00pm - 3:15pm	15-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.


EDUC: Education

EDUC 110 - Schools and Society (3)

Gen Ed Education

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly ED 102)


Examines the historical, philosophical, and social development of American education. Students will learn methods, concepts, and principles of education. They analyze and reflect on the processes of teaching and learning. They explore the interrelationships of education, social institutions, and pluralistic culture. Students will also reflect on ways that values, skills, and experience shape and are shaped by schooling and society. Observations, teaching, and a portfolio are required. Fifteen hours of documented observation are required.

1716	EDUC110-1	MW	11:00am - 12:15pm	15-week	
1715	EDUC110-2	TTH	12:30pm - 1:45pm	15-week	
1986	EDUC110-3	TTH	2:00pm - 3:15pm	15-week	
1717	EDUC110-ONL1		ONLINE	15-week	

EDUC 220 - Educational Psychology (3)

Prerequisite: PSYC 101
(formerly ED 202)

Introduces the nature and theories of learning processes. Focuses on classroom interaction and its influence upon the learning process and the growth and development of the child. (This course satisfies the Maryland State Department of Education professional education course work in human learning.) Fifteen hours of documented observation are required.


2231	EDUC220-1	MW	11:00am - 12:15pm	15-week	
1949	EDUC220-2	MW	2:00pm - 3:15pm	15-week	
1718	EDUC220-ONL1		ONLINE	15-week	

EDUC 230 - Foundations of Special Education (3)

Cultural Competence

Prerequisite: EDUC 110 or ED 102 or ECED 105 or ECD 101
(formerly ED 203)

Provides an overview of critical issues and strategies related to educating students who have been identified as exceptional. The course content focuses on historical and legal foundations of special education, inclusive education, developmental characteristics of exceptional students, and strategies for accommodating students. (This course satisfies the Maryland State Department of Education professional education course work in inclusion of special populations.) Fifteen hours of documented observation are required.

1719	EDUC230-1	MW	9:30am - 10:45am	15-week	
2232	EDUC230-2	TTH	9:30am - 10:45am	15-week	
1720	EDUC230-ONL1		ONLINE	15-week	

EDUC 240 - Processes and Acquisition of Reading (3)

Prerequisites: 30 credits including ENGL 101 and PSYC 101 or teacher certification
(formerly ED 214)

Assists pre-service and in-service teachers in understanding the reading acquisition process through observation and analysis of reading and written language development and the study of current issues in reading research. The course is organized around current, accepted, research-based theoretical models that account for individual differences in reading. The course includes an introduction to language structures, including spoken syllables, phonemes, graphemes, and morphemes. Participants will apply knowledge of the core areas of language to reading acquisition in terms of first and second language acquisition, typical development, and exceptionalities. Participants will be introduced to current scientific research related to literacy acquisition.

1721	EDUC240-1	MW	12:30pm - 1:45pm	15-week	
1722	EDUC240-ONL1		ONLINE	15-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

EMGT: Emergency Management

EMGT 101 - Disaster, Crisis, and Emergency Management (3)

Gen Ed Emerging Issues

Prerequisite: ENGL 70 OR Prerequisites or Co-requisites: ENGL 75 or (ESOL 72 and ESOL 73)
(formerly EM 101 and ID 225)


Introduces students to the dynamic and relevant world of disaster, crisis, and emergency management. Conducts a review of the history, social, political, and economic implications of disasters, giving students the opportunity to explore the world of Emergency Management and experience the satisfaction of serving, survivability, and the heartache of devastation. Provides experience with effective writing, critical thinking, and historical and social awareness as students examine the emergencies of past, present, and future.

1804	EMGT101-1	TTH	11:00am - 12:15pm	15-week	
1805	EMGT101-ONL1		ONLINE	15-week	

EMGT 104 - Disaster Response and Recovery (3)

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly EM 104)

Provides students with an understanding of disaster response and recovery operations in emergency management. Examines the nature of emergencies and disasters; presenting opportunities to identify the human responses in the disaster process, assess current procedures for response operations, review recovery policies and programs, and explore methods to promote the return to normalcy. Places additional specific focus on the understanding of the roles of multiple stakeholders in both response and recovery.

1959	EMGT104-ONL1		ONLINE	15-week	
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EMGT 111 - Preparing and Securing the Homeland (3)

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly EM 111)

Provides students with a thorough understanding of the strategic, political, legal, and organizational challenges associated with the protection of the U.S. homeland. Examines the range of potential threats to the U.S. homeland, including the historical foundation of terrorism. Introduces the role of emergency management in the response to the growing threat of domestic and international terrorism. Focuses on the implications of homeland security challenges and policies for constitutional rights, legal protections, and civil liberties.

2225	EMGT111-ONL1		ONLINE	15-week	
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EMGT 130 - Integrated Emergency Management (3)

Prerequisite or Co-requisite: (EMGT 101 or ID 225) or FIRE 107
(formerly EM 130)

Provides students with an understanding of the concept of Integrated Emergency Response to disasters and other critical incidents. Students examine the role of Integrated Emergency Preparedness in the government environment, and expand the understanding to public-private cooperation in emergency management.


Note: While not an official prerequisite, students are encouraged to take EMGT 106 prior to (or during the same semester as) they intend to enroll for this course.

1895 EMGT130-ONL1  **ONLINE** **15-week**

EMGT 201 - Public Safety GIS and Technology (3)

Prerequisite or Co-requisite: (EMGT 101 or ID 225) or FIRE 107 or GISA 101
(formerly EM 201)

Introduces students to the technologies, applications, and tools relevant to the current emergency management professional environment. Explores the impact of a rapidly improving technological environment on all phases of the emergency management process and discusses potential means of leveraging technology to improve known deficiencies. Focuses intensively on the applications of Geographic Information Systems (GIS) technology with a view to preparing students for its necessary use in emergency management careers. Offers experience in working with, creating, and interpreting GIS maps and other visual products. Discusses the future changes and challenges facing the emergency management discipline as a result of continued technological growth.

1896 EMGT201-ONL1  **ONLINE** **15-week**

EMGT 221 - Public Safety Leadership and Ethics (3)

Prerequisite or Co-requisite: EMGT 201 or FIRE 201 or CCJS 204
(formerly EM 221)

Provides the student with understanding of leadership theories, skills, and techniques for application in public safety. Introduces the concept of effective leadership in public safety by identifying leadership models utilized in management throughout the lifecycle of incidents, and evaluating current public safety leaders.

2188 EMGT221-HYB1 **M** **5:00pm - 7:30pm** **15-week**

EMGT 297 - Emergency Management Capstone (3)

Prerequisite: ENGL 101; *Prerequisite or Co-requisite:* EMGT 220 and EMGT 221
(formerly EM 297)

As the culminating experience for the Emergency Management Track II major, this course enables students to exercise critical thinking and evaluation skills, while applying comprehension of the emergency management discipline. Students will write a research paper, under the supervision of a faculty mentor, which demonstrates the ability to analyze and synthesize the theories and practices to reduce vulnerability to hazards and mitigate disasters.

2054 EMGT297-HYB1 **T** **5:00pm - 7:30pm** **15-week** 

 *Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.*

ENGL: English

ENGL 70 - Introduction to College Reading and Writing (0) [6]

Prerequisite: Appropriate scores on the reading and writing placement tests
(formerly EN 70)

Provides extended practice with academic writing based on college-level texts. The course stresses the interaction between critical reading, writing, and thinking. The course offers structured practice and support with writing academic essays, improving reading comprehension, and increasing critical reading skills to succeed in future college academic tasks. Students are guided to become flexible, confident, and independent readers and writers.


















1917 ENGL70-1 **MW** **9:00am - 11:30am** **15-week** 
1984 ENGL70-2 **TTH** **11:00am - 1:30pm** **15-week** 
1918 ENGL70-3 **MW** **6:00pm - 8:30pm** **15-week** 

 *Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.*

ENGL 75 - Reading and Writing in the Academic Disciplines (0) [4]

Prerequisite: Appropriate scores on the reading and writing placement tests
(formerly EN 75)

Promotes the integrated approach to the development of active reading and writing strategies for the tasks and texts students encounter in college. The course stresses the interaction among the reader, the text, and the context and one's ability to critically respond to a variety of writing situations. The course addresses whole discourse and sentence-level matters. Students are guided to become independent readers and writers.

1919 ENGL75-1	MW	8:00am - 9:40am	15-week	
1921 ENGL75-2	MW	9:00am - 10:40am	15-week	
1923 ENGL75-3	MW	11:00am - 12:40pm	15-week	
1977 ENGL75-4	MW	1:00pm - 2:40pm	15-week	
1982 ENGL75-5	MW	3:00pm - 5:30pm	2nd 10-week	
2177 ENGL75-6	TTH	8:00am - 9:40am	15-week	
1920 ENGL75-7	TTH	9:00am - 10:40am	15-week	
1922 ENGL75-8	TTH	11:00am - 12:40pm	15-week	
1924 ENGL75-9	TTH	1:00pm - 2:40pm	15-week	
1925 ENGL75-10	TTH	3:00pm - 4:40pm	15-week	
1985 ENGL75-11	MW	6:00pm - 7:40pm	15-week	
1988 ENGL75-12	TTH	6:00pm - 7:40pm	15-week	
1927 ENGL75-HYB1	M	11:00am - 12:45pm	15-week	
1991 ENGL75-HYB2	M	1:00pm - 2:45pm	15-week	
1998 ENGL75-HYB3	T	11:00am - 12:45pm	15-week	
1926 ENGL75-HYB4	W	1:00pm - 2:45pm	15-week	
1990 ENGL75-HYB5	TH	11:00am - 12:45pm	15-week	

 *Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.*

ENGL 100 - Advanced Reading for Composition (2)

Prerequisites: (Grade of C or better in ENGL 70 or ENGL 75) OR (appropriate scores on the reading and writing placement tests) OR (ESOL 72 and ESOL 73); *Co-requisite:* ENGL 101
(formerly ACE 100)

Provides supplemental reading and writing support for students co-enrolled in English Composition (ENGL 101). The course targets critical reading strategies necessary for success in ENGL 101 and other college-level courses that require intensive reading. Students are guided to become independent readers capable of engaging in rigorous academic conversations.

1376 ENGL100-LK1	MW	9:30am - 10:20am	15-week	
1377 ENGL100-LK2	MW	12:00pm - 12:50pm	15-week	
1861 ENGL100-LK3	MW	12:00pm - 12:50pm	15-week	
1378 ENGL100-LK4	MW	2:30pm - 3:20pm	15-week	
1379 ENGL100-LK5	TTH	9:30am - 10:20am	15-week	
1380 ENGL100-LK6	TTH	12:00pm - 12:50pm	15-week	
1862 ENGL100-LK7	TTH	12:00pm - 12:50pm	15-week	
1381 ENGL100-LK8	TTH	2:30pm - 3:20pm	15-week	
1382 ENGL100-LK9	TTH	7:25pm - 8:15pm	15-week	

Note: Students must also register for corresponding ENGL 101 linked (LK) section.

 *Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.*

ENGL 101 - English Composition (3)

Gen Ed English

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR (satisfactory performance on the writing assessment and satisfactory performance on the reading assessment)
(formerly EN 101)

Develops students' ability to use writing, reading, research, and thinking processes to create documented essays that demonstrate the conventions of academic writing.

1335 ENGL101-1	MW	8:00am - 9:15am	15-week
1336 ENGL101-2	MW	8:00am - 9:15am	15-week
1338 ENGL101-3	MW	9:30am - 10:45am	15-week
1339 ENGL101-4	MW	9:30am - 10:45am	15-week
1340 ENGL101-5	MW	11:00am - 12:15pm	15-week
1341 ENGL101-6	MW	11:00am - 12:15pm	15-week
1342 ENGL101-7	MW	12:30pm - 1:45pm	15-week
1343 ENGL101-8	MW	12:30pm - 1:45pm	15-week
2118 ENGL101-9	MW	1:00pm - 2:15pm	15-week
1345 ENGL101-10	MW	2:00pm - 3:15pm	15-week
1346 ENGL101-11	MW	2:00pm - 3:15pm	15-week
1347 ENGL101-12	MW	3:30pm - 4:45pm	15-week
1348 ENGL101-13	MW	3:30pm - 5:50pm	2nd 10-week
1349 ENGL101-14	TTH	8:00am - 9:15am	2nd 10-week
1936 ENGL101-15	TTH	8:00am - 9:15am	15-week
1351 ENGL101-16	TTH	9:30am - 10:45am	15-week
1350 ENGL101-17	TTH	9:30am - 10:45am	15-week
2010 ENGL101-18	TTH	9:30am - 10:45am	15-week
1352 ENGL101-19	TTH	11:00am - 12:15pm	15-week
1353 ENGL101-20	TTH	11:00am - 12:15pm	15-week
1355 ENGL101-21	TTH	12:30pm - 1:45pm	15-week
1356 ENGL101-22	TTH	12:30pm - 1:45pm	15-week
1357 ENGL101-23	TTH	2:00pm - 3:15pm	15-week
2009 ENGL101-24	TTH	2:00pm - 3:15pm	15-week
1358 ENGL101-25	TTH	3:30pm - 4:45pm	15-week
1359 ENGL101-26	F	9:00am - 11:30am	15-week
1360 ENGL101-27	SAT	9:00am - 11:30am	15-week
1361 ENGL101-28	M	6:00pm - 8:30pm	15-week
1362 ENGL101-29	T	6:00pm - 8:30pm	15-week
1363 ENGL101-30	W	6:00pm - 8:30pm	15-week
1364 ENGL101-31	TH	6:00pm - 8:30pm	15-week
1344 ENGL101-HYB1	M	12:30pm - 1:45pm	15-week
2236 ENGL101-HYB2	T	11:00am - 12:15pm	15-week
2174 ENGL101-HYB3	W	12:30pm - 1:45pm	15-week
2008 ENGL101-HYB4	TH	11:00am - 12:15pm	15-week
1337 ENGL101-WE1	MW	9:30am - 10:45am	13-week
1992 ENGL101-WE2	MW	2:00pm - 3:15pm	13-week
2124 ENGL101-WE3	TTH	9:30am - 10:45am	13-week
1354 ENGL101-WE4	TTH	11:00am - 12:15pm	13-week
1993 ENGL101-WES	TTH	3:30pm - 4:45pm	13-week

Note: This web enhanced course requires completion of selected online assignments.

1365 ENGL101-ONL1		ONLINE	15-week	\$
1366 ENGL101-ONL2		ONLINE	15-week	\$
1367 ENGL101-ONL3		ONLINE	1st 10-week	\$
1368 ENGL101-ONL4		ONLINE	2nd 10-week	\$

Note: Open to all students who meet the requirements of ENGL 101 irrespective of students' major; students in business-related programs are encouraged to enroll.

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

1369 ENGL101-LK1	MW	8:00am - 9:15am	15-week
1370 ENGL101-LK2	MW	10:30am - 11:45am	15-week
1859 ENGL101-LK3	MW	10:30am - 11:45am	15-week
1371 ENGL101-LK4	MW	1:00pm - 2:15pm	15-week
1372 ENGL101-LK5	TTH	8:00am - 9:15am	15-week
1373 ENGL101-LK6	TTH	10:30am - 11:45am	15-week
1860 ENGL101-LK7	TTH	10:30am - 11:45am	15-week
1374 ENGL101-LK8	TTH	1:00pm - 2:15pm	15-week
1375 ENGL101-LK9	TTH	6:00pm - 7:15pm	15-week

Note: Students must also register for corresponding ENGL 100 linked (LK) section.

ENGL 101H - English Composition (3)

Gen Ed English

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR (satisfactory performance on the writing assessment and satisfactory performance on the reading assessment)
(formerly EN 101)

Develops students' ability to use writing, reading, research, and thinking processes to create documented essays that demonstrate the conventions of academic writing.

1383 ENGL101H-1	MW	9:30am - 10:45am	15-week	
1384 ENGL101H-2	MW	12:30pm - 1:45pm	15-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40

ENGL 102 - English Composition and Literature (3)

Gen Ed Humanities; Gen Ed Communications

Prerequisite: ENGL 101
(formerly EN 102)

Reinforces, through an examination of literature, the reading, writing, critical thinking, and information literacy skills introduced in English Composition. By exploring literary texts from fiction, poetry, and drama, students learn to clarify their own values and identities as well as develop a better understanding of ideas and cultures beyond their own experience.

1385 ENGL102-1	MW	8:00am - 9:15am	15-week
1386 ENGL102-2	MW	9:30am - 10:45am	15-week
1388 ENGL102-3	MW	12:30pm - 1:45pm	15-week
1389 ENGL102-4	MW	2:00pm - 3:15pm	15-week
1390 ENGL102-5	TTH	9:30am - 10:45am	15-week
1391 ENGL102-6	TTH	11:00am - 12:15pm	15-week
1392 ENGL102-7	TTH	12:30pm - 1:45pm	15-week
1394 ENGL102-8	M	6:00pm - 8:30pm	15-week
2078 ENGL102-HYB1	W	7:30pm - 8:50pm	15-week
1387 ENGL102-WE1	MW	11:00am - 12:15pm	13-week

Note: This web enhanced course requires completion of selected online assignments.

1395 ENGL102-ONL1		ONLINE	15-week
1396 ENGL102-ONL2		ONLINE	1st 7 1/2-week
1393 ENGL102-ONL3		ONLINE	2nd 7 1/2-week

ENGL 201 - British Literature Anglo-Saxon Period to the Eighteenth Century (3)

Gen Ed Humanities

Prerequisite: ENGL 101
(formerly EN 201)

Surveys the literature of Great Britain from the Anglo-Saxon period to the eighteenth century. The growth of a nation, social classes, the rise and questioning of the monarchy, the role of women, and early colonialism are explored through poetry, prose fiction and nonfiction, and drama.

2227 ENGL201-1	TTH	3:30pm - 4:45pm	15-week
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ENGL 203 - American Literature Pre-Colonial through Civil War Periods (3)

Gen Ed Humanities

Prerequisite: ENGL 101
(formerly EN 203)

Surveys American literature from its pre-contact beginnings. Culture clash, settlement, rebellion, and the rise of a democratic republic are explored through histories, diaries, sermons, pamphlets, poetry, essays, and fiction.

1397 ENGL203-1	MW	12:30pm - 1:45pm	15-week
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ENGL 205 - World Literature through 1650 C.E. (3)

Gen Ed Humanities; Cultural Competence

Prerequisite: ENGL 101
(formerly EN 205)

Surveys selected works of western and non-western literature from their beginnings through 1650 C.E. Cultural and historical contexts are explored through a wide range of literary forms.

2046 ENGL205-1	TTH	2:00pm - 3:15pm	15-week
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ENGL 210 - Creative Writing (3)

Prerequisite: ENGL 101
(formerly EN 210)

Introduces skills of writing fiction and/or poetry and/or creative nonfiction. The complexities of creative writing as a craft and an art are explored through analysis of representative works, study of techniques, and extensive practice.

1398 ENGL210-1 MW 2:00pm - 3:15pm 15-week

ENGL 216 - The Short Story (3)

Gen Ed Humanities

Prerequisite: ENGL 101
(formerly EN 216)

Surveys a wide variety of short stories that explore themes relevant to life experiences. Analyzes the elements of the short story with emphasis on thematic development and relevance of the stories to life experiences in a variety of cultures and nations.

1820 ENGL216-ONL1 ONLINE 15-week

ENGL 219 - Technical Writing (3)

Prerequisite: ENGL 101
(formerly EN 219)

Develops the skills necessary for effective professional communication and workplace writing. Students compose a variety of texts, including professional e-mails and letters, microblogs (social media content), web page content, informal and formal reports, graphics, and presentations.

2104 ENGL219-ONL1 ONLINE 15-week

ENGL 227 - Multiculturalism and Literature: Borders, Boundaries, and Belonging (3)

Gen Ed Humanities; Cultural Competence

Prerequisite: ENGL 101
(formerly EN 227)

Examines the diverse views of humankind and the human condition through the reading of selected works from a variety of historically underrepresented groups.

2173 ENGL227-1 TTH 12:30pm - 1:45pm 15-week

ENGL 231 - English Language Studies (3)

Gen Ed Humanities

Prerequisite: ENGL 101
(formerly EN 231)

Introduces English language studies through a linguistics perspective, promoting a systematic approach to the study of language. Focuses on prescriptive versus descriptive approaches to grammar and syntax; sub-disciplines of linguistics: phonology, morphology, semantics, stylistics, discourse analysis, and sociolinguistics; English language variation, change, and development; and the role of English language in a multicultural society.

1401 ENGL231-ONLC ONLINE 15-week

ENGL 231H - English Language Studies (3)

Gen Ed Humanities

Prerequisite: ENGL 101
(formerly EN 231)

Introduces English language studies through a linguistics perspective, promoting a systematic approach to the study of language. Focuses on prescriptive versus descriptive approaches to grammar and syntax; sub-disciplines of linguistics: phonology, morphology, semantics, stylistics, discourse analysis, and sociolinguistics; English language variation, change, and development; and the role of English language in a multicultural society.

1402 ENGL231H-ONLC ONLINE 15-week



No/Low Cost Textbooks: At FCC, this symbol indicates specific course sections in which textbooks are available for less than \$40. These sections require regular access to the Internet as most of the resources are in a digital format. Note that certain no/low cost textbook courses (e.g., science labs, art studio classes) have textbooks available for less than \$40 but may require purchase of additional course materials and supplies.

ENGL 241 - Journalism Publication Practicum (3)

Gen Ed Humanities; Cultural Competence; Gen Ed Communications

Prerequisite: ENGL 101
(formerly EN/CMM 241)

Provides instruction and laboratory experience in writing, editing, designing, and publishing print and digital content for The Commuter. Students receive practical experience in journalistic and social media content, curation, editing, design, photography, and digital production using industry standard software. Students will create and produce three journalistic publications per semester.

1399 ENGL241-1 MW 2:00pm - 3:15pm 15-week

ENGR: Engineering

ENGR 100 - Introduction to Engineering Design (3)

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) and {(MATH 165 or MA 111) or [(MATH 145 or MATH 145S or MA 130 or MA 130S) and MA 131]}
(formerly EG 100)

Develops basic concepts of engineering approaches to problem solving and the skills for the design and timely fabrication of the designed product.

1536 ENGR100-1	M	11:30am - 2:05pm	15-week	\$
2195 ENGR100-2	T	12:30pm - 3:05pm	15-week	\$
1980 ENGR100-3	TH	6:00pm - 8:35pm	15-week	\$

Note: Class held at FCC's Monroe Center

\$ *Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.*

ENGR 110 - Engineering Statics (3)

Prerequisites: ENGR 100 and (MATH 185 or MA 210)
(formerly EG 110)

Introduces static equilibrium of rigid bodies. Topics include scalars and vectors, forces, free-body diagrams, structural analysis, friction, center of gravity, and moment of inertia.

1537 ENGR110-1 MW 2:30pm - 3:45pm 15-week

Engineering Notes:

ENGR110 - Engineering Statics offered fall semester only.

ENGR210 - Mechanics of Materials offered spring semester only.

ENGR212 - Engineering Dynamics offered spring semester only.

ESOL: ESL (English as a Second Language)

ESOL 70 - Academic Reading I (0) [4]

(formerly ESL 70)

Designed for students whose native language is not English, but who have a working knowledge of the English language. This course focuses on developing the strategies, vocabulary, and fluency necessary for comprehension of academic texts. Placement is based upon students' performance on the college's assessment. Students who successfully complete this course may enroll in ESOL 72: Academic Reading II.

1403 ESOL70-1	MW	9:00am - 10:15am	15-week
2154 ESOL70-2	MW	6:00pm - 7:55pm	13-week

Note: All ESL courses will require approval for Fall registration. Online registration will not be available for ESL courses.

ESOL 71 - Academic Grammar & Writing I (0) [4]

(formerly ESL 71)

Designed for students whose native language is not English, but who have a working knowledge and understanding of the English language. Includes integrated instruction in grammar and writing with emphasis on developing the grammar proficiency for academic writing necessary for success in subsequent ESOL courses. Placement is based upon students' performance on the college's assessment. Students who successfully complete this course may enroll in ESOL 73: Academic Grammar & Writing II.

1404 ESOL71-1	MW	11:00am - 1:45pm	15-week
1871 ESOL71-2	TTH	6:00pm - 7:15pm	13-week

Note: All ESL courses will require approval for Fall registration. Online registration will not be available for ESL courses.

ESOL 72 - Academic Reading II (0) [4]

Prerequisites: Placement based on the College's assessment OR successful completion of ESOL 70 (formerly ESL 72)

Designed for students whose native language is not English, but who have advanced knowledge of the English language. This course focuses on developing proficiency in the employment of a variety of reading strategies and usage, and comprehension of college-level vocabulary necessary for success in credit courses. Placement is based upon students' performance on the college's assessment or completion of ESOL 70: Academic Reading I. Students who successfully complete this course and ESOL 73: Academic Grammar & Writing II may enroll in ENGL 101: English Composition.

1405 ESOL72-1	TTH	9:00am - 10:45am	15-week
1406 ESOL72-2	MW	6:00pm - 7:55pm	13-week

Note: All ESL courses will require approval for Fall registration. Online registration will not be available for ESL courses.

ESOL 73 - Academic Grammar & Writing II (0) [4]

Prerequisites: Placement based on the College's assessment OR completion of ESOL 71 (formerly ESL 73)

Designed for students whose native language is not English, but who have advanced knowledge and understanding of the English language. Includes integrated instruction in grammar and writing with an emphasis on developing grammatical variety and sophistication for academic communication as well as an introduction to integrating sources in academic essay writing. Placement is based upon students' performance on the college's assessment or successful completion of ESOL 71: Academic Grammar & Writing I. Students who successfully complete this course and ESOL 72: Academic Reading II may enroll in ENGL 101: English Composition.

1407 ESOL73-1	TTH	11:00am - 1:45pm	15-week
1408 ESOL73-2	TTH	6:00pm - 7:55pm	13-week

Note: All ESL courses will require approval for Fall registration. Online registration will not be available for ESL courses.

FILM: Film & Video

FILM 101 - Introduction to Film (3)

Gen Ed Arts

Prerequisite or Co-requisite: ENGL 70 or (ESOL 70 and ESOL 71) (formerly CMM 103)

Presents an analytical and interpretative study of film masterworks. Covers the historical development of film from silent short movies to the present and includes an analysis of film from several perspectives: artistic, technological, social and economic.

1909 FILM101-1	MW	9:30am - 10:45am	15-week
1119 FILM101-2	M	1:00pm - 3:30pm	15-week
2063 FILM101-3	TTH	9:30am - 10:45am	15-week
1120 FILM101-4	TTH	6:00pm - 8:35pm	1st 7 1/2-week
1121 FILM101-ONL1	📱	ONLINE	15-week
1122 FILM101-ONL2	📱	ONLINE	2nd 7 1/2-week

FILM 144 - Digital Video Production (4)

(formerly CMM 152)

Develops digital video production skills pertaining to camera operation, set design, studio lighting, audio recording, video editing, and professional crew roles and responsibilities. Extensive hands-on active learning provides an insight into on set studio productions and real world applications. As a member of a production team, students participate in the design and execution of an effective digital video production.

1131 FILM144-1C	MW	9:00am - 10:40am	15-week	\$
1132 FILM144-2C	MW	1:00pm - 2:40pm	15-week	\$
1133 FILM144-3C	TTH	9:00am - 10:40am	15-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

FILM 244 - Digital Film Production (4)

Prerequisite: FILM 144 or CMM 152 (formerly CMM 252)

Develops digital film production skills pertaining to preproduction, production, and post production. Extensive hands-on active learning provides an insight into script writing, budgeting, scheduling, field production, sound design, and non-linear post production. As a member of a production team, students will be required to create a production book, digital film, and DVD as part of their professional portfolio.

1134 FILM244-1C	MW	9:00am - 10:40am	15-week	\$
1135 FILM244-2C	MW	1:00pm - 2:40pm	15-week	\$
1136 FILM244-3C	TTH	9:00am - 10:40am	15-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

FILM 254 - Postproduction: The Art of Editing (4)

Prerequisite: FILM 144 or CMM 152 or FILM 244 or CMM 252 (formerly CMM 254)

Develops practical skills in digital editing through a series of demonstrations and intensive hands-on exercises. Students will study various editing styles and philosophies while designing and completing assigned editing projects using professional postproduction software. Effective electronic media management and postproduction processes are emphasized.

1137 FILM254-1C	TTH	1:00pm - 2:40pm	15-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

FILM 255 - Advanced Postproduction & Motion Graphics (4)

Prerequisite: FILM 254 (formerly CMM 261)

Develops advanced skills in digital postproduction and motion graphics through a series of demonstrations and intensive hands-on exercises. By studying various editing styles and philosophies, students will design and complete assigned postproduction projects using professional software packages.

1138 FILM255-1C	TTH	1:00pm - 2:40pm	15-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

FIRE: Fire Service Administration

FIRE 101 - Fire Protection Systems (3)

Prerequisite: ENGL 70 OR *Prerequisites or Co-requisites:* ENGL 75 or (ESOL 72 and ESOL 73) (formerly FSA 101)

Provides information relating to the design features and operation of fire alarm systems. Design principles involved in structural fire protection and automatic suppression systems, including fire resistance and endurance, flame spread evaluation, smoke control, special hazard fire suppression systems, water supply for fire protection, and evaluation of sprinkler system designs will be examined.

2261 FIRE101-1	F	8:00am - 11:00am	15-week
1825 FIRE101-2	TH	7:00pm - 10:00pm	15-week

FIRE 103 - Fire Investigation and Analysis (3)

Prerequisite: ENGL 70 OR *Prerequisites or Co-requisites:* ENGL 75 or (ESOL 72 and ESOL 73) (formerly FSA 103)

Examines technical, investigative, legal, and managerial approaches to arson. Includes the fundamentals needed for proper fire science interpretation, recognition of origin and cause, preservation and documentation of evidence, scene security, motives of the fire setter, and types of fire causes.

1826 FIRE103-1	M	8:00am - 11:00am	15-week
2262 FIRE103-2	T	8:00am - 11:00am	15-week

FIRE 201 - Fire and Emergency Services Administration (3)

Prerequisite: FIRE 101; *Prerequisite or Co-requisite:* ENGL 101 (formerly FSA 201)

Introduces the student to the organization and management of a fire and emergency services department and the relationship of government agencies to the fire service. New technologies, changing organizational structures, personnel and equipment, municipal fire protection planning, manpower and training, and financial management are examined. Emphasis is placed on fire and emergency service, ethics, and leadership from the perspective of the company officer.

Note: If student is not an active firefighter, they must establish a mentor who is a FD Chief Officer.

2100 FIRE201-1	M	7:00pm - 10:00pm	15-week
2101 FIRE201-2	T	7:00pm - 10:00pm	15-week

FREN: World Languages: French

FREN101 - Introductory French I (3)

Gen Ed Humanities

(formerly LF 101)

Introduces the fundamentals of French grammar and vocabulary. Develops oral and reading skills in the language and competence in answering basic questions. Through the reading of lifelike dialogues, students gain insight into French culture, thought, and expression.

1168 FREN101-1	MW	12:30pm - 1:45pm	15-week	\$
1169 FREN101-ONL1		ONLINE	15-week	\$

Note: Introductory level language courses are not open to native or fluent speakers of the target language. These are beginning language courses. Students with prior language knowledge should discuss placement with the World Languages Program Manager.

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

GEOG: Geography

GEOG 101 - Elements of Geography (3)

Gen Ed Geography

Prerequisite: ENGL 70 or ENGL 75 or ESOL 72

(formerly GG 101)

Explores elements of man's environment and the changes resulting from natural and human agents. Includes map reading and interpretation.

1732 GEOG101-1	MW	9:30am - 10:45am	15-week	
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GEOG 102 - Cultural Geography (3)

Gen Ed Geography; Cultural Competence

Prerequisite: ENGL 70 or ENGL 75 or ESOL 72

(formerly GG 102)

Studies man in his regional settings, with emphasis on the interrelationships of physical and cultural phenomena.

1733 GEOG102-1	TTH	11:00am - 12:15pm	15-week	
1734 GEOG102-ONL1		ONLINE	13-week	

GERM: World Languages: German

GERM 102 - Introductory German II (3)

Gen Ed Humanities

Prerequisite: GERM 101

(formerly LG 102)

Continues to build upon the structures learned in GERM 101. Students will improve fluency as they learn new grammar and vocabulary. Through the reading of lifelike dialogues, students gain insight into aspects of life in German-speaking countries, thought, and expression.

2070 GERM102-HYB1	TBA	15-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

GISA: Geographic Information Systems

GISA 101 - Introduction to Geographic Information Systems with ArcGIS (3)

(formerly GIS 101)

Introduces the principles of geospatial technologies and the use/application of Geographic Information Systems (GIS) software and data. Develops student understanding of the fundamental concepts and applications of GIS, spatial data, and GIS software packages including Esri's ArcGIS Desktop Suite. Discusses the need for skills in data management, conversion, and compilation using GIS software and provides practice in a computer lab environment. Note: Students taking the course should be proficient with the use of personal computers in a Windows operating environment.

2179 GISA101-ONL1		ONLINE	15-week	
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GRPH: Graphic Design

GRPH 105 - Basic Darkroom to Digital Photography (3)

Gen Ed Arts

Prerequisite: ENGL 70 or ENGL 75 or ESOL 72 or Co-requisite: ENGL 75

(formerly CMM 105)

Explores photography as a medium for artistic expression through analysis of photographic masterworks and other forms of visual art. Examines standards of professional photography and the means by which photographic works of artistic integrity are identified and comprehended. Presents basic principles of camera work in film and digital formats. Black & white and color printing techniques are also studied. For the beginning photographer.

2069 GRPH105-1	TTH	9:30am - 12:00pm	15-week	\$
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Note: Students must furnish own supplies., 1st 8-weeks held at Hood College, Archaeology Lab, Tatem 228, Darkroom Tatem 301; 2nd 7-weeks held at FCC Main Campus, Room F107

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

GRPH 111 - Graphic Design I (3)

Prerequisite: ENGL 70 OR Prerequisites or Co-requisites: ENGL 75 or (ESOL 72 and ESOL 73)

(formerly CMM 111)

Prepares the student for the print graphic design field through the use of the computer as a tool. Introduces design vocabulary, methods, and technology through lecture, examples, and hands-on project work. Emphasizes Adobe Illustrator, Adobe Photoshop, and Adobe InDesign.

1123 GRPH111-1	MW	9:30am - 10:45am	15-week	\$
1124 GRPH111-2	TTH	11:00am - 12:15pm	15-week	\$
1125 GRPH111-3	TTH	12:30pm - 1:45pm	15-week	\$
1126 GRPH111-4	TTH	6:00pm - 7:30pm	13-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

GRPH 112 - Graphic Design II (3)

Prerequisite: GRPH 111

(formerly CMM 112)

Emphasizes solving a variety of design problems using the computer and contemporary graphics software. Includes real world design assignments to gain experience in dealing with clients, meetings, project management, cost effectiveness, and color printing prepress. Provides an overview of the historical and functional use of design. Emphasizes intermediate design skills using the industry standard Adobe Creative Suite.

1139 GRPH112-1	MW	11:00am - 12:15pm	15-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

GRPH 114 - Web Design I (3)

Prerequisite: ENGL 70 OR Prerequisites or Co-requisites: ENGL 75 or (ESOL 72 and ESOL 73)

(formerly CMM 114)

Presents beginning level design for the Internet. Taught from a design perspective. Students learn software, hardware, and design principles used to produce successful web sites. Assignments include the design and creation of web publications. Lectures cover the study and critique of contemporary web design. Emphasizes HTML, Adobe Dreamweaver, Adobe Photoshop, and website content management systems.

1127 GRPH114-1	TH	2:00pm - 4:30pm	15-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.



No/Low Cost Textbooks: At FCC, this symbol indicates specific course sections in which textbooks are available for less than \$40. These sections require regular access to the Internet as most of the resources are in a digital format. Note that certain no/low cost textbook courses (e.g., science labs, art studio classes) have textbooks available for less than \$40 but may require purchase of additional course materials and supplies.

GRPH 131 - Darkroom Photography I (4) (formerly CMM 131)

Provides a basic understanding of photography as technique and craftsmanship, photography in communications, as a method of expression and the scientific basis of photography. Covers the basic techniques with cameras, exposure of film, developing of film, printmaking, composition, light, action photography, manipulation of the image in the darkroom, basic chemistry of photography, sensitometry and color as it is seen. Students provide cameras and accessory equipment.

2067	GRPH131-1LC	T	6:00pm - 8:35pm	15-week	\$
2068	GRPH131-1LB	TH	6:00pm - 8:35pm	15-week	\$
2257	GRPH131-2Lc	M	3:00pm - 5:35pm	15-week	
2256	GRPH131-2Lb	W	3:00pm - 5:35pm	15-week	

Note: Students must register for corresponding lecture (LC) and lab (LB)., Course meets at Hood College, Rooms Tatem 228 and Tatem 301

Note: Course meets at Hood College, Rooms Tatem 228 and Tatem 301

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

GRPH 132 - Digital Photography I (3) (formerly CMM 132)

Designed for students interested in digital photographic processes. The class will introduce basic concepts for acquiring digital images and the process of manipulating the image through the use of a Macintosh computer with Adobe Photoshop software. Hands-on instruction with Photoshop will include making selections, cropping images, using paint and editing tools and working with color and brush palettes. A portfolio of digital photographic work will be produced by the end of the semester.

1129	GRPH132-1	TTH	9:30am - 10:45am	15-week	\$
1130	GRPH132-2	T	2:00pm - 4:30pm	15-week	\$
2038	GRPH132-3	F	10:00am - 12:30pm	15-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

GRPH 215 - Professional and Transfer Portfolio (1)

Prerequisite: GRPH 112 or GRPH 212

(formerly CMM 115)

Designed for communications graphics students who are ready to transfer to a Bachelor's program, or are applying for an internship, or are seeking a job. Students will revise existing portfolios and design self-promotion materials including an effective resume and cover letter for the computer graphics profession.

1128	GRPH215-1	MW	12:30pm - 1:45pm	2nd 5-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

HCTI: Hospitality Culinary Tourism Institute

HCTI 101 - Sanitation and Food Safety (1)

Prerequisite: ENGL 70 OR Prerequisites or Co-requisites: ENGL 75 or (ESOL 72 and ESOL 73)

(formerly HOS 121)

Develops an understanding of basic principles of sanitation and safety in food, beverage, and hospitality operations including the HACCP system. The course focuses on procedures and protocol recommended for the prevention of foodborne illnesses. Successful passing of the National Restaurant Association ServSafe exam is required and earns certification as a ServSafe Food Protection Manager.

2047	HCTI101-1	F	9:00am - 12:00pm	1st 5-week	
1856	HCTI101-ONL1	📖	ONLINE	1st 5-week	

Note: Class held at FCC's Monroe Center

HCTI 102 - Culinary I (3)

Prerequisite: (MA 80 or appropriate score on mathematics placement test); Prerequisite or Co-requisite:

HCTI 101 or HOS 121 or current ServSafe Food Manager Certification

(formerly HOS 112)

Examines the basic concepts, skills, and attributes related to preparation of food: knife skills, product identification, and culinary terminology. Measures, prepares, and converts standardized recipes. Learns and applies classical cooking principles and techniques to food preparation. Topics include stock and sauce preparation; egg/breakfast cookery; product qualities; preparation of vegetables, fruit, and starches; and dietary guidelines and nutrition principles. Demonstrates proper food sanitation and safety practices. Learns and applies good sustainability practices for food service operations. Extra fees required.

1679	HCTI102-1	T	9:00am - 2:00pm	15-week	
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Note: Class held at FCC's Monroe Center, Culinary fee: \$121. Students are required to have a proper chef uniform and basic knife kit. Both may be purchased at the FCC Bookstore on campus.

HCTI 103 - Culinary II (3)

Prerequisites: (HCTI 101 or HOS 121) and (HCTI 102 or HOS 112)

(formerly HOS 113)

Emphasizes meat, poultry, and seafood fabrication and cookery. Introduces and discusses dietary guidelines and principles of nutrition including alternative diets. Teaches methods for making various types of soups. Expands on sauce, vegetable, legume, grain, and starch cookery with demonstrations of proper plating techniques. Reinforces knife skills; recipe conversions and measurements; cooking principles and terminology; sanitation and safe food handling; and sustainability practices. Extra fees required.

1887	HCTI103-1	M	4:30pm - 9:30pm	15-week	
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Note: Class held at FCC's Monroe Center, Culinary fee: \$121. Students are required to have a proper chef uniform and basic knife kit. Both may be purchased at the FCC Bookstore on campus.

HCTI 104 - Baking I (3)

Prerequisite: (MA 80 or appropriate score on mathematics placement test); Prerequisite or Co-requisite:

HCTI 101 or HOS 121 or current ServSafe Food Manager Certification

(formerly HOS 114)

Provides students with the basic skills required for entry-level work in a bakery or pastry shop of a food service operation. These skills include working in a safe and sanitary manner; reading, scaling and accurately following a recipe; demonstrating proper use of terminology, tools, and equipment; preparing, baking, and evaluating cookies, cakes, breads, pastries, pies, and tarts. Beginning plating techniques, cake decorating, and dietary alternatives are explored. Extra fees required.

1680	HCTI104-1	TH	9:00am - 2:00pm	15-week	
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Note: Class held at FCC's Monroe Center, Culinary fee: \$121. Students are required to have a proper chef uniform and basic knife kit. Both may be purchased at the FCC Bookstore on campus.

HCTI 105 - Baking II (4)

Prerequisites: (HCTI 101 or HOS 121) and (HCTI 104 or HOS 114)

(formerly HOS 214)

Builds upon learned basic skills and theories to develop proficiency in baking and pastry production. Students will further explore a range of classical and modern baking preparations for breads, doughs, cakes, custards, fillings, sauces, toppings, and pastries, and expand on recipe modifications for alternative dietary requirements. Introduces principles of chocolate work and sugar work. Explores approaches to assembling, finishing, and presenting baked goods and pastries. Extra fees required.

1888	HCTI105-1	W	4:30pm - 9:30pm	15-week	
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Note: Class held at FCC's Monroe Center, Culinary fee: \$121. Students are required to have a proper chef uniform and basic knife kit. Both may be purchased at the FCC Bookstore on campus.

HCTI 120 - Purchasing & Cost Control (3)

Prerequisite or Co-requisite: (HCTI 101 or HOS 121) and (HCTI 102 or HOS 112)

(formerly HOS 123)

Examines food purchasing as a process and emphasizes the dynamics of managing the flow of food through the operation. Provides an introduction to inventory control procedures and examines factors that influence menu planning. Emphasizes establishing operating standards, monitoring actual results, and taking corrective action to account for variances. Examines variable and fixed costs, calculating components of prime costs, and provides understanding of various cost controls to optimize profitability. Introduces students to the budgeting process.

1889	HCTI120-HYB1	T	6:00pm - 8:40pm	2nd 7 1/2-week	
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Note: Class held at FCC's Monroe Center

HCTI 150 - Introduction to Hospitality Management (3)

Prerequisites: (MA 80 or appropriate score on mathematics placement test) and {(Prerequisite: ENGL 70) OR

(Prerequisite or Co-requisite: ENGL 75 or [ESOL 72 and ESOL 73])}

(formerly HOS 110)

Introduces students to the history of various careers in the hospitality industry. Develops an understanding of the hospitality industry by taking a management perspective in introducing students to the organization and structure of various sectors including: travel and tourism, meeting/convention and event planning, hotels, healthcare, restaurants, retail, contract food service, clubs, cruise ships, casino hotels, and more. Examines the forces and issues that are shaping the current and future hospitality industry. Topics include various aspects of hospitality operations and information on delivering excellent customer service. Students will earn certification from the American Hotel Lodging Educational Institute (AHLIE) as a Certified Guest Service Professional (CGSP®).

1678	HCTI150-HYB1	T	6:00pm - 8:40pm	1st 7 1/2-week	
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HCTI 155 - Event Management (3)

Prerequisite: ENGL 70 OR Prerequisites or Co-requisites: ENGL 75 or (ESOL 72 and ESOL 73)
(formerly HOS 161)

Discusses and demonstrates aspects of planning and implementing an event for success. Included is a project where students will be involved in a hands-on experience of planning an event while utilizing the skills learned in class.

1890 HCTI155-HYB1 TH 6:00pm - 8:40pm 1st 7 1/2-week \$

Note: Class held at FCC's Monroe Center

\$ *Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.*

HCTI 160 - Hospitality Operations (3)

Prerequisites or Co-requisites: (HCTI 101 or HOS 121) and (HCTI 150 or HOS 110)
(formerly HOS 163)

Learn the primary responsibilities of a hospitality manager and principles and practices involved in managing the day to day operations of a hospitality business. Topics include various aspects of hospitality operations such as classifying hotels and guests, hotel organization, front office operations, hospitality applications and systems, safety and security risks and controls, housekeeping operations, front office accounting, reading financial reports, maximizing sales, and facility maintenance.

1897 HCTI160-HYB1 T 6:00pm - 8:40pm 2nd 7 1/2-week

Note: Class held at FCC's Monroe Center

HCTI 200 - Garde Manger (4)

Prerequisite or Co-requisite: HCTI 103 or HOS 113
(formerly HOS 210)

Provides students with skills and knowledge in preparing food from the cold kitchen. Explores preparation of cold soups, canapés, hors d'oeuvres, forcemeat, charcuterie, garnishes, and food preservation techniques. Students will learn how to prepare display trays, platter, and buffets with emphasis on presentation design and workmanship. Develops techniques for preparation of sandwiches, salads, and dressings. Discusses categories and types of cheese, and carving techniques for decorative fruit and vegetables. Extra fees required.

1847 HCTI200-1 T 4:30pm - 9:30pm 15-week \$

Note: Class held at FCC's Monroe Center, Culinary fee: \$121. Students are required to have a proper chef uniform and basic knife kit. Both may be purchased at the FCC Bookstore on campus.

\$ *Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.*

HCTI 220 - Food and Beverage Operations (3)

Prerequisite or Co-requisite: (HCTI 120 or HOS 123) or (HCTI 160 or HOS 163)
(formerly HOS 216)

Provides an analysis of different types of food service operations, beginning with an overview of the food service segment of the hospitality industry. Detailed consideration is given to food and beverage operations, management principles and leadership styles, human resource functions, and employment laws. Examines all operational functions to include marketing, menu planning, production, service, beverage management and responsible alcohol service, sanitation and safety issues, facility design and equipment, and accounting.

1930 HCTI220-HYB1 TH 6:00pm - 8:40pm 2nd 7 1/2-week

Note: Class held at FCC's Monroe Center

HCTI 225 - International and American Regional Cuisine (4)

Cultural Competence

Prerequisite: HCTI 200 or HOS 210; Co-requisite: HCTI 230
(formerly HOS 240)

Provides advanced training in the preparation of International and American regional cuisines. Students will prepare recipes including meats, poultry, seafood, vegetables, and desserts, as well as explore cuisines from a cultural, geographical, religious, and historical perspective. Emphasis is placed on flavor profiles and cooking techniques associated with regions and their international influence. Introduction to wine varietals from around the world, distillation, and fermentation of beverages. Extra fees required.

2164 HCTI225-1 W 9:00am - 2:00pm 15-week

Note: Class held at FCC's Monroe Center

Culinary fee: \$121. Students are required to have a proper chef uniform and basic knife kit. Both may be purchased at the FCC Bookstore on campus.

\$ *Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.*

HCTI 230 - Restaurant Production and Service (4)

Prerequisite: (HCTI 160 or HOS 163) or (HCTI 200 or HOS 210)
(formerly HOS 250)

Provides the capstone student experience of applying learned knowledge and skills in an operational restaurant setting. Students rotate through the dining room and kitchen in this intensive course. Front-of-the-House students train and carry out dining room rules of service from set-up to closing. Back-of-the-House students learn brigade station responsibilities of à la carte preparation, cooking, and plating techniques. All students work together applying communication, problem solving, and time management skills to provide quality customer service to guests. Students develop a food service concept to include all key operational elements. Extra fees required.

2165 HCTI230-1 TH 2:30pm - 9:30pm 15-week

Class held at FCC's Monroe Center, Culinary fee: \$121. Students are required to have a proper chef uniform and basic knife kit. Both may be purchased at the FCC Bookstore on campus.

\$ *Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.*

HCTI 255 - Applied Hospitality Management (3)

Prerequisite or Co-requisite: HCTI 160 or HOS 163
(formerly HOS 261)

Provides leadership and management tools in the hospitality industry to enhance guest service and profitability by introducing students to topics such as managing organizational change, traditional management roles and styles versus leadership in the twenty-first century, quality management, continuous improvement, power and empowerment, communication skills, goal setting and coaching, high-performance teams, diversity, strategic career planning, and ethics.

2023 HCTI255-HYB1 M 6:00pm - 8:40pm 1st 7 1/2-week

Note: Class held at FCC's Monroe Center

HCTI 260 - Hospitality Business Analysis (3)

Prerequisite or Co-requisite: HCTI 255 or HOS 261
(formerly HOS 263)

Explores a new, multidisciplinary approach to business analysis that utilizes revenue management, blending together elements of marketing, operations, and finance management. Students will learn the various components of revenue management, and how to use them when performing business analyses and recommending business enhancements.

2166 HCTI260-HYB1 M 6:00pm - 8:40pm 2nd 7 1/2-week

HCTI 265 - HCTI Practicum (1)

Prerequisite or Co-requisite: (HCTI 103 or HOS 113) or (HCTI 255 or HOS 261)
(formerly HOS 265)

Provides leadership and management tools in the hospitality industry to enhance guest service and profitability. Topics include managing organizational change, traditional management roles and styles versus leadership quality management, continuous improvement, power and empowerment, communication skills, goal setting and coaching, high-performance teams, diversity, strategic career planning, and ethics.

2235 HCTI265-1 TBA 15-week

HIST: History

HIST 101 - History of Western Civilization I (3)

Gen Ed History

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly HI 101)

Examines the ancient Greeks and Romans, the rise and development of Christianity, the medieval period, and the Renaissance. This course, which focuses on the significant political, economic, social, cultural, and religious developments, is a survey of Western Civilization from its foundation through 1500.

1735 HIST101-1 MW 8:00am - 9:15am 15-week

1736 HIST101-2 TTH 11:00am - 12:15pm 15-week

1737 HIST101-ONL1 ONLINE 13-week

HIST 102 - History of Western Civilization II (3)

Gen Ed History

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)

(formerly HI 102)

Examines the Reformation, Absolutism, the Enlightenment, the political revolutions of the eighteenth century, the Industrial Revolution, imperialism, nationalism, fascism, the World Wars, the Cold War, and globalization. This course, which focuses on the significant political, economic, social, cultural, and religious developments, is a survey of Western Civilization from 1500 through the present.

1738 HIST102-1	TTH	11:00am - 12:15pm	15-week
1739 HIST102-WE1	TTH	2:00pm - 3:15pm	13-week

Note: This web enhanced course requires completion of selected online assignments.

HIST 121 - World History I (3)

Gen Ed History; Cultural Competence

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)

(formerly HI 121)

Examines the rise and development of agriculture, the development of primary states, secondary states and empires, and the origins and spread of monotheistic culture. This course is a survey of World History from its foundation through 1500.

2073 HIST121-1	TTH	12:30pm - 1:45pm	15-week
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HIST 201 - History of the United States I (3)

Gen Ed History

Prerequisite or Co-requisite: ENGL 101

(formerly HI 201)

Examines colonial America, the American Revolution, the Constitution, the federal period, sectional conflict, and the Civil War. This period lays the foundation of the American experiment and includes the study of political, constitutional, economic, social, and cultural trends from the founding to 1865.

1741 HIST201-1	MW	12:30pm - 1:45pm	15-week
1745 HIST201-2	W	6:00pm - 8:35pm	15-week
1740 HIST201-WE1	MW	9:30am - 10:45am	13-week

Note: This web enhanced course requires completion of selected online assignments.

1742 HIST201-ONL1		ONLINE	15-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

HIST 202 - History of the United States II (3)

Gen Ed History

Prerequisite or Co-requisite: ENGL 101

(formerly HI 202)

Examines industrialization, progressivism, World War I, the Twenties, the Depression, the New Deal, World War II, the Cold War, and post-war America. This course emphasizes America's rise to a world power and includes the study of political, constitutional, economic, social, and cultural trends from 1865 to the present.

1743 HIST202-1	MW	11:00am - 12:15pm	15-week
1744 HIST202-2	TTH	3:30pm - 6:00pm	2nd 7 1/2-week

HIST 212 - Civil War (3)

Prerequisite or Co-requisite: ENGL 101

(formerly HI 212)

Examines the causes of the Civil War, the constitutional crisis confronting the Union, the conduct of the war by both the Union and Confederacy, the economic and social conditions of the homefront, the status and condition of African Americans and the wartime origins of Reconstruction.

1950 HIST212-1	T	6:00pm - 8:35pm	15-week
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HIST 217 - African-American History (3)

Gen Ed History; Cultural Competence

Prerequisite or Co-requisite: ENGL 101

(formerly HI 217)

Surveys African-American history from the arrival of the first Africans in 1619 to the present. Includes the major economic, political, and social forces that have helped shape the role of the African American in the history of America.

1827 HIST217-1	TTH	11:00am - 12:15pm	15-week
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HLTH: Health Education

HLTH 100 - Stress Management Techniques (1)

(formerly HE 115)

Introduces the basic concepts of stress management and focuses on coping strategies and techniques to reduce stress.

2246 HLTH100-1	F	9:30am - 11:30am	2nd 7 1/2-week
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HLTH 150 - Health Education (3)

Gen Ed Wellness

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75

(formerly HE 204)



Covers basic areas of health, including mental health, fitness, nutrition, weight control, sexual health, drugs and alcohol, disease and consumer and environmental health.

1020 HLTH150-1	MW	12:30pm - 1:45pm	15-week
1021 HLTH150-2	TTH	9:30am - 10:45am	15-week
1022 HLTH150-3	TTH	11:00am - 12:15pm	15-week
1024 HLTH150-ONL1		ONLINE	15-week
2117 HLTH150-ONL2		ONLINE	15-week

HLTH 160 - Stress Management (3)

(formerly HE 201)

Examines current theories regarding the nature and sources of stress in life. Students are introduced to the physiology and psychology of stress. A variety of stress management techniques and coping strategies are explored.

1013 HLTH160-1	MW	11:00am - 12:15pm	15-week
1015 HLTH160-2	TTH	12:30pm - 1:45pm	15-week
1016 HLTH160-3	TTH	2:00pm - 3:15pm	15-week
1014 HLTH160-4	W	9:30am - 12:00pm	15-week
1017 HLTH160-5	T	5:00pm - 7:35pm	15-week
2077 HLTH160-HYB1	TH	9:30am - 10:50am	1st 7 1/2-week
1018 HLTH160-ONL1		ONLINE	15-week
1019 HLTH160-ONL2		ONLINE	15-week

HONR: Honors

Many courses available at Frederick Community College (FCC) are offered in an honors format. The courses have the same approved core learning outcomes and content requirements as regular courses. Honors courses are smaller, emphasize critical thinking/research projects, and typically stress a high level of reading, writing, and discussion. In addition to prerequisites listed for the individual honors courses, prerequisites for all honors courses include testing placement or the recommendation of a faculty member or the student's advisor. Course descriptions and prerequisites for courses being offered in a given semester are listed under their academic area in this catalog.

Note: Honors contracts are available for numerous other courses at FCC. Contact the Honors Coordinator (bthompson@frederick.edu) for information and an application.

ACCE 110H - Academic Engagement Seminar (3)

Gen Ed Emerging Issues; Cultural Competence

Prerequisite or Co-requisite: ENGL 70 or ENGL 75 OR (ESOL 70 and ESOL 71) OR (ESOL 72 and ESOL 73)

(formerly ACE 101)

Introduces first-year students to current, real-world issues as they advance their critical thinking, communication, and research skills. Students will explore questions of local, national, and global significance through multicultural contexts, while building relationships with their classmates, instructor, and other college personnel. Additionally, students will use campus resources and co-curricular events to enhance their educational experience and foster their college success.

1972 ACCE110H-1C	MW	2:00pm - 3:15pm	15-week
2079 ACCE110H-2C	TTH	9:30am - 10:45am	13-week

Note: This web enhanced course requires completion of selected online assignments.

COMM 103H - Public Speaking (3)

Gen Ed Communications

Prerequisite: ENGL 70 or ENGL 75 or ESOL 72 or Co-requisite: ENGL 75 (formerly CMSP 103)

Emphasizes the attainment of understanding and skill in public speaking. Assignments require analyzing the audience, researching, organizing, outlining, supporting and delivering a variety of extemporaneous speeches.

1149 COMM103H-1 TTH 11:00am - 12:15pm 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

ECON 201H - Principles of Macroeconomics (3)

Gen Ed Economics

Prerequisite or Co-requisite: ENGL 101 and (Any credit math course or appropriate score on mathematics placement test) (formerly EC 201)

Explores concepts of macroeconomics including national accounts, national income analysis, unemployment, inflation, and business cycles, along with fiscal and monetary policies and the monetary system with an essentially macro-economic approach.

2000 ECON201H-1 TTH 12:30pm - 1:45pm 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

EDPS 210H - Human Growth and Development (3)

Gen Ed Education

Prerequisite or Co-requisite: ENGL 101 (formerly ED/PS 208)

Presents central concepts related to parameters of human development through the life span. Includes physical, social, emotional and mental development at the various stages of life. Considers the influence of culture as well as individual differences.

2230 EDPS210H-1 TTH 2:00pm - 3:15pm 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

ENGL 101H - English Composition (3)

Gen Ed English

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR (satisfactory performance on the writing assessment and satisfactory performance on the reading assessment) (formerly EN 101)

Develops students' ability to use writing, reading, research, and thinking processes to create documented essays that demonstrate the conventions of academic writing.

1383 ENGL101H-1 MW 9:30am - 10:45am 15-week

1384 ENGL101H-2 MW 12:30pm - 1:45pm 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

ENGL 231H - English Language Studies (3)

Gen Ed Humanities

Prerequisite: ENGL 101 (formerly EN 231)

Introduces English language studies through a linguistics perspective, promoting a systematic approach to the study of language. Focuses on prescriptive versus descriptive approaches to grammar and syntax; sub-disciplines of linguistics: phonology, morphology, semantics, stylistics, discourse analysis, and sociolinguistics; English language variation, change, and development; and the role of English language in a multicultural society.

1402 ENGL231H-ONLC  ONLINE 15-week

HONR 201 - Honors Applied Leadership & Research (3)

Prerequisite: Permission of Honors Coordinator (formerly ACE 201H)

Provides returning Honors students with the opportunity to serve as peer mentors or leaders of first-year Honors students as they explore current, real-world issues and further advance their critical thinking, communication, and research skills. Students will develop and explore questions of local, national, and global significance through multicultural contexts while building relationships with the instructor, classmates, and other college personnel. Students will refine research and presentation skills in preparation for academic conferences.

2080 HONR201-1C MW 2:00pm - 3:15pm 15-week \$

2081 HONR201-2C TTH 9:30am - 10:45am 13-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

PHSC 104H - Survey of Oceanography (3)

Gen Ed Science

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101/MATH 101A or MA103/MA103A or MATH 110 or MA 105 or MATH 120/MATH 120A or MA206/MA206A or MATH 127 or MA 207 or appropriate score on mathematics placement test) (formerly PC 104)

Presents a study of the ocean as a dynamic and changing entity. Emphasizes connections among disciplines in and outside the areas of science. Provides a basic understanding of scientific questions, complexities and uncertainties involved with the study and use of oceans.

2153 PHSC104H-1 MW 9:30am - 10:45am 15-week

PSYC 101H - General Psychology (3)

Gen Ed Psychology

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) (formerly PS 101)

Emphasizes the major factors that influence human behavior, including behavioral neuroscience, perceptual processes, consciousness, intelligence, personality and psychological disorders.

1832 PSYC101H-1 MW 11:00am - 12:15pm 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

HUMN: Humanities

HUMN 104 - Humanities in a Digital World (3)

Gen Ed Humanities

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) (formerly HU 104)

Introduces tools, such as Instagram and other storytelling platforms and digital mapping, that are transforming the study of the humanities. It also explores digital and social media (tweets, Facebook posts, blogs, computer games, etc.) as cultural artifacts. The course is project-based and equips students to apply digital tools and techniques to a variety of disciplines including English, History, Philosophy, and Social Sciences.

1905 HUMN104-HYB1 M 12:30pm - 1:45pm 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

HUMN 105 - Cultural Studies: Latin America (3)

Gen Ed Humanities; Cultural Competence

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) (formerly HU 105)

Introduces the cultural traditions of Latin America focusing on the art, literature, dance, music, theater, and film of Meso, Central, and South America as well as the Caribbean.

2072 HUMN105-HYB1 W 12:30pm - 1:45pm 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

HUMN 204 - World Religions (3)

Gen Ed Humanities; Cultural Competence

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75 (formerly PH 204)

Explores the spiritual practices, symbols, myths, and beliefs of indigenous, eastern, and Abrahamic faiths, as well as those of some emerging religious movements such as Scientology. Students will also examine the impact of religion on human culture.

1245 HUMN204-1 MW 2:00pm - 3:15pm 15-week \$

1244 HUMN204-WE1 MW 9:30am - 10:45am 13-week \$

Note: This web enhanced course requires completion of selected online assignments.

1246 HUMN204-ONL1  ONLINE 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

HUMN 223 - Classical Mythology (3)

Gen Ed Humanities

(formerly HU 210)

Surveys Greek and Roman mythology, emphasizing the impact it has had on Western literature, art, music and human culture throughout the ages. Attention will also be paid to the sites of the ancient world that have gained special significance through these myths.

2249 HUMN223-1 W 6:00pm - 8:35pm 15-week

HUMS: Human Services

HUMS 102 - Human Relations (3)

Gen Ed Human Services; Cultural Competence

Prerequisite: ENGL 70 OR Prerequisites or Co-requisites: ENGL 75 or (ESOL 72 and ESOL 73)

(formerly HS 102)

Introduces students to the fundamentals of interpersonal communication and examines such communication in the context of culture, ethnicity, gender, age, and race in particular. As an experiential course, it seeks to increase the skills and sensitivity necessary for successful human relationships in a diverse global, national and local community. The impact of the increasing use of interactive technologies is also examined.

1746 HUMS102-1	MW	9:30am - 10:45am	15-week
1747 HUMS102-2	MW	12:30pm - 1:45pm	15-week
1748 HUMS102-3	MW	3:30pm - 6:00pm	1st 7 1/2-week
1749 HUMS102-4	TTH	8:00am - 9:15am	15-week
1751 HUMS102-5	TTH	12:30pm - 1:45pm	15-week
1752 HUMS102-6	TTH	2:00pm - 3:15pm	15-week
1753 HUMS102-7	SAT	9:00am - 1:40pm	2nd 7 1/2-week
1750 HUMS102-WE1	TTH	9:30am - 10:45am	13-week

Note: This web enhanced course requires completion of selected online assignments.

1754 HUMS102-ONL1	📱	ONLINE	15-week
2119 HUMS102-ONL2	📱	ONLINE	15-week

HUMS 103 - Introduction to Social Work and the Human Services (4)

Prerequisite: ENGL 70 or ENGL 75 or ESOL 72

(formerly HS 103)

Surveys the philosophies of the field of social work and all of the human services. Examines the historical and theoretical approaches to the understanding of social work and the agencies that deal with delivery of services to members of society. Includes the interrelationship of human services and examines the knowledge, values and skills of the helping process. Particular emphasis is placed on the concept of human diversity and the impact of oppression and discrimination. This course will highlight the human needs that social workers address across the life span with particular emphasis on the needs of older adults.

1755 HUMS103-1	MW	12:30pm - 1:45pm	15-week
1756 HUMS103-2	M	5:30pm - 8:00pm	15-week

HUMS 203 - Introduction to Counseling and Interviewing (3)

Prerequisite: PSYC 101

(formerly HS 203)

Presents an overview of counseling theory, with focus on the development of specific helping behaviors.

1757 HUMS203-1 TTH 2:00pm - 3:15pm 15-week

HUMS 204 - Ethics and Practice Issues in the Human Services and Addiction Counseling (3)

Prerequisite: HUMS 203; Co-requisite: INTR 103

(formerly HS 204)

Integrates a study of ethical and practice issues in the human service field with the student's experience in the internship education practicum. Special attention will be given to the special ethical issues in the addictions field.

1758 HUMS204-HYB1 F 1:30pm - 3:30pm 15-week

HUMS 207 - Theory and Practice of Group Counseling (3)

Prerequisite: HUMS 203

(formerly HS 207)

Presents the theory and practice of using groups as a counseling intervention in the human services. There will be a presentation of types of groups, general principles of groups, stages of evolution of groups, ethical and professional issues, and special emphasis on the use of groups in the drug and alcohol field.

2233 HUMS207-HYB1 T 12:30pm - 2:30pm 15-week

INTP: American Sign Language Interpreting

INTP 112 - Foundations of Interpreting (3)

Prerequisite: Grade of B or better in ASLS 224 or ASLS 203; Co-requisites: ASLS 225 and INTP 104

(formerly ITR 112)

Introduces students to the theory and application of the interpreting process. Students will practice receptive skills and process tasks needed for interpretation. Focus will primarily be on intralingual language exercises including shadowing, prediction and anticipation, memory enhancement, text analysis for goal and main points, and paraphrasing. Process models and descriptions will be covered and application will be provided to observed interpretations. Exercises will be conducted in both English and ASL. The goal of the course is to develop cognitive processing skills involved in the interpreting process.

2085 INTP112-1 MW 6:00pm - 7:15pm 15-week

INTP 114 - Consecutive Interpreting (3)

(formerly ITR 114)

Develops consecutive interpreting skills and prepares students for the simultaneous interpreting process. Students will compare ASL and English semantic/syntactic structures to the consecutive interpreting process. Focus in the course will be on source and target text analysis, vocabulary expansion, and interpreting process skill development.

2250 INTP114-1 TTH 11:00am - 12:15pm 15-week

INTP 212 - ASL to English Interpreting I (3)

Prerequisites: Grade of B or better in ASLS 230 and (ASLS 232 or ASLS 211), and INTP 114; Co-requisites: INTP 214, INTP 216, and INTP 228

(formerly ITR 212)

Focuses on the process of interpretation, provides practice of requisite skills and process tasks and applies skills and interpreting theory to the translation process. The course of study focuses on lexical development, syntactical language comparisons, voice production techniques, text/discourse/interpreting process analysis, semantic mapping, and diagnostic assessment.

2032 INTP212-1 T 6:00pm - 8:35pm 15-week

INTP 214 - English to ASL Interpreting I (3)

Prerequisites: ASLS 230 and (ASLS 232 or ASLS 211) or INTP 114; Co-requisites: INTP 212, INTP 216, and INTP 228

(formerly ITR 214)

Provides in-depth study and practice of ASL/English interpretation through the understanding and use of the simultaneous mode of interpreting. Provides techniques of translating the source language, English to the target, and American Sign Language (ASL) in a simultaneous manner.

2033 INTP214-1 M 6:00pm - 8:35pm 15-week

INTP 216 - Transliterating I (3)

Prerequisites: Grade of B or better in ASLS 230 and (ASLS 232 or ASLS 211) and INTP 114; Co-requisites: INTP 212, INTP 214, and INTP 228

(formerly ITR 216)

Covers the process of transliteration. The process moves along a continuum from ASL to a signed form of English. Specific subtasks are isolated in order to focus on transliterating skill development, enhancing component skills, and incorporating ASL features. These skills are integrated into the performance of beginning to intermediate tasks.

2034 INTP216-1 W 6:00pm - 8:35pm 15-week

INTR: Internship

Provides the student with an opportunity to gain knowledge and skills from a planned work experience in the student's chosen career field. In addition to meeting Core Learning Outcomes, jointly developed Specific Learning Outcomes are selected and evaluated by the Faculty Internship Advisor, Work-Site Supervisor, and the student. Internship placements are directly related to the student's program of study and provide learning experiences not available in the classroom setting. Internships provide entry-level, career-related experiences, and workplace competencies that employers value when hiring new employees. Internships may also be used as an opportunity to explore career fields. Students must meet with the Internship Coordinator prior to registering.

INTR 101 - Internship (1)

1806 INTR101-1	TBA	15-week
1848 INTR101-2	TBA	2nd 10-week
1849 INTR101-3	TBA	13-week
1850 INTR101-4	TBA	2nd 7 1/2-week

INTR 102 - Internship (2)

1807 INTR102-1	TBA	15-week
2258 INTR102-2	TBA	2nd 10-week
1852 INTR102-3	TBA	13-week
1854 INTR102-4	TBA	2nd 7 1/2-week
2050 INTR102-5	TBA	1st 7 1/2-week
2018 INTR102-HS	TBA	15-week

Note: Human Services students only

INTR 103 - Internship (3)

1899 INTR103-1	TBA	15-week
1900 INTR103-2	TBA	2nd 10-week
1901 INTR103-3	TBA	13-week
1903 INTR103-4	TBA	2nd 7 1/2-week
2048 INTR103-5	TBA	1st 7 1/2-week
1996 INTR103-6	TBA	1st 10-week
1898 INTR103-EM1	TBA	15-week

Note: Emergency Management students only

1969 INTR103-HS	TBA	15-week
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Note: Human Services students only

LATN: World Languages: Latin

LATN 101 - Introductory Latin I (3)

Gen Ed Humanities

(formerly LL 101)

Introduces classical Latin language. Presents the study of Latin grammar and vocabulary with the goal of developing reading skills in the language. Offers insight into Roman literature, thought and expression through the reading of Latin sentences and passages derived from ancient authors.

1170 LATN101-1	T	5:30pm - 8:05pm	15-week
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Note: Introductory level language courses are not open to native or fluent speakers of the target language. These are beginning language courses. Students with prior language knowledge should discuss placement with the World Languages Program Manager.

LGST: Legal Studies

The LGST: Legal Studies fall 2019 course schedule is in process of being revised. Contact Dr. Tracy Parker, Program Manager (TParker@frederick.edu) for advising and schedule updates.

LGST 100 - Introduction to Law (3)

Prerequisite: ENGL 70 OR [Prerequisite or Co-requisite: ENGL 75 OR (ESOL 72 and ESOL 73)] AND Co-requisite: LGST 106 (formerly LA 100)

Presents an overview of the legal profession. Provides detailed introduction to the structure and function of the American Legal System, law office management, standard operating procedures and systems.

Offers overview of fundamental areas of substantive and procedural law, interviewing and investigation, and research and writing. Infuses ethics and professionalism. Discusses legal aspects of current topics to aid students in acquiring an appreciation of the dynamic role of law in our changing society. Promotes understanding needed to participate effectively in our diverse global, national, and local communities.

1760 LGST100-HYB1	SAT	9:00am - 1:15pm	1st 7 1/2-week
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LGST 103 - Ethics for the Legal Professional (3)

Prerequisite or Co-requisite: LGST 100 (formerly LA 103)

Concentrates on the ethical responsibilities that have been established by statutes, courts decisions, court rules, and professional associations affecting legal assistants/paralegals and lawyers. Includes conflict of interest, confidentiality, competence, solicitation, fees and billing, obligations of attorneys to clients, and protection of client funds. Covers the nature of supervision in order to avoid unauthorized practice of law.

1828 LGST103-ONL1		ONLINE	15-week
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LGST 104 - Contracts (3)

Prerequisites or Co-requisites: LGST 100 and ENGL 101 (formerly LA 104)

Covers the fundamental principles of contract law; the manner in which contracts are formed; the elements of a valid contract; the rights and obligations of various parties to a contract, as well as the rights of third parties; and available remedies when a contract is breached.

1829 LGST104-ONL1		ONLINE	15-week
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LGST 105 - Torts (3)

Prerequisites or Co-requisites: LGST 100 and ENGL 101 (formerly LA 105)

Covers the fundamental principles of tort law: intentional torts, negligence, and strict liability. Examines causes of action, defenses, and remedies. Develops skills to investigate and evaluate tort claims. Introduces tort litigation procedures and documents.

2094 LGST105-ONL1		ONLINE	15-week
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LGST 106 - Technology for the Legal Profession (3)

Prerequisite or Co-requisite: LGST 100 (formerly LA 106)

Prepares students for the increasing levels of computer literacy demanded by the legal profession. Covers the basic features of at least one commonly used word processing program, database program, spreadsheet program and legal specific programs for calendaring, timekeeping and billing. Offers basic features of computer-assisted legal research and other electronic resources. Incorporates current technological trends used by the legal profession.

1830 LGST106-ONL1		ONLINE	2nd 7 1/2-week
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LGST 200 - Legal Research (3)

Prerequisite: ENGL 101; Prerequisite or Co-requisite: LGST 100 (formerly LA 200 and LA 110)

Offers working knowledge of techniques of legal research. Examines various sources of law and types of research tools. Emphasis on using a law library. Develops book-based and computer-assisted research skills. Outlines development of a research strategy plan to locate and update applicable law. Analyze cases, statutes, and report findings. Stresses proper citation form.

1831 LGST200-HYB1	W	6:00pm - 9:00pm	15-week
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LGST 205 - Legal Writing (3)

Prerequisites: ENGL 101 and (LGST 200 or LA 110) (formerly LA 205 and LA 120)

Offers working knowledge of techniques of legal writing in the preparation of a variety of legal documents such as legal correspondence, briefs, memoranda, and pleadings. Incorporates analysis and synthesis of research to draft legal documents. Emphasizes the importance of proper format and citation.

1885 LGST205-HYB1	M	6:00pm - 9:00pm	1st 7 1/2-week
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No/Low Cost Textbooks: At FCC, this symbol indicates specific course sections in which textbooks are available for less than \$40. These sections require regular access to the Internet as most of the resources are in a digital format. Note that certain no/low cost textbook courses (e.g., science labs, art studio classes) have textbooks available for less than \$40 but may require purchase of additional course materials and supplies.

LGST 240 - Family Law (3)

Prerequisites: LGST 100 and ENGL 101
(formerly LA 240)

Explores the fundamentals and emerging issues in family law. Topics include marriage, separation, divorce, alimony, child custody and visitation, child support, disposition of property and legal rights of children, adoption, guardianship, and domestic relations. Explores court procedures, public records research, and the mediation process. Presents computer applications in domestic relations practice.

2095 LGST240-HYB1 **T** **6:00pm - 9:00pm** **2nd 10-week**

MATH: Mathematics

MATH 50 - Preparation for College Mathematics (0) [2]

Prerequisite or Co-requisite: ENGL 70 or ENGL 75 or ESOL 70 or ESOL 72

Develops foundational math skills needed for college math courses such as MATH 101A Foundations of Math with Algebra, MATH 120A Statistics with Algebra, or MATH 145S College Algebra with Algebraic Support. Topics include whole numbers, factors, fractions, decimals, percentages, signed numbers, introduction to data analysis and statistics, and basic Algebra skills such as working with variables and evaluating variable expressions. Further topics may include solving and graphing linear equations, exponents, and polynomials. Technology is integrated with traditional skill practice throughout the course.

2222 MATH50-1 **MW** **8:00am - 8:50am** **15-week**

MATH 67 - Educator Preparation in Mathematics (0) [2]

Prerequisites: (Placement in ENGL 70 or ESOL 70 or higher on the reading placement test) AND (Grade of B or better in MA 80 or appropriate score on the mathematics placement test)
(formerly MA 83)

Develops introductory Algebra skills. Topics include real numbers, algebraic expressions, solving and graphing equations, exponents, factoring polynomials, and functions. Technology and PRAXIS preparation are integrated with traditional skill practice throughout the course.









1928 MATH67-1 **TTH** **10:00am - 10:50am** **15-week**
1973 MATH67-ONL1  **ONLINE** **15-week**

MATH 101 - Foundations of Mathematics (3)

Gen Ed Math

Prerequisite: MA 81 or MATH 67 or MA 83 or appropriate score on mathematics placement test
(formerly MA 103)

Presents topics including problem solving strategies, logic, numeration systems, set theory, classification of numbers, algebra, financial management, geometry, measurement and right triangle trigonometry, probability, statistics, graphs, systems of equations, and linear programming. Student cannot receive credit for both MATH 101 and MATH 101A. Intended for students who need a survey of math principles for their non-STEM major/program. Not intended for students planning to pursue a STEM program.

1863 MATH101-1	MW	9:30am - 10:45am	15-week	
1840 MATH101-2	MW	11:00am - 12:15pm	15-week	
1864 MATH101-3	MW	12:30pm - 1:45pm	15-week	
1865 MATH101-4	TTH	9:30am - 10:45am	15-week	
1841 MATH101-5	TTH	11:00am - 12:15pm	15-week	
1259 MATH101-6	M	6:00pm - 8:35pm	15-week	
1260 MATH101-ONL1		ONLINE	15-week	

 *Note:* No/Low Cost Textbooks: The textbook costs for this course section are under \$40.




No/Low Cost Textbooks: At FCC, this symbol indicates specific course sections in which textbooks are available for less than \$40. These sections require regular access to the Internet as most of the resources are in a digital format. Note that certain no/low cost textbook courses (e.g., science labs, art studio classes) have textbooks available for less than \$40 but may require purchase of additional course materials and supplies.

MATH 101A - Foundations of Mathematics (3)

Gen Ed Math

Prerequisites: Grade of B or better in MA 80 or appropriate score on mathematics placement test AND placement in ENGL 70 or ESOL 70 or higher on the reading placement test
(formerly MA 103A)

Presents topics including real numbers, algebraic expressions, solving and graphing linear equations, exponents, and logarithmic equations with an emphasis on functions, graphing, and modeling. Topics of college math covered may include problem solving strategies, logic, numeration systems, classification of numbers, algebra, financial management, geometry, measurement and right triangle trigonometry, probability, statistics, graphs, systems of equations, and linear programming. Students cannot receive credit for both MATH 101 and MATH 101A. Intended for students who need a survey of college math principles, with algebra, for their non-STEM major/program. Not intended for students planning to pursue a STEM program.

1867 MATH101A-1 **MTWT** **9:30am - 10:35am** **15-week** 

Note: Students registering for MATH 101A in the 15-week session must also register for MATH A - Instruction with Algebra in the 15-week session.


1261 MATH101A-2 **MTWT** **11:00am - 12:15pm** **13-week** 

Note: Students registering for MATH 101A in the 13-week session must also register for MATH A - Instruction with Algebra in the 13-week session., This web enhanced course requires completion of selected online assignments.

1868 MATH101A-3 **MTWT** **12:30pm - 1:35pm** **15-week** 

Note: Students registering for MATH 101A in the 15-week session must also register for MATH A - Instruction with Algebra in the 15-week session.

1932 MATH101A-4 **TTH** **6:00pm - 8:10pm** **15-week** 

1866 MATH101A-HYB1 **TTH** **8:00am - 9:15am** **15-week** 

Note: Students registering for MATH 101A in the 15-week session must also register for MATH A - Instruction with Algebra in the 15-week session.

This web enhanced course requires completion of selected online assignments.

 *Note:* No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

MATHA - Instruction with Algebra (0) [2]

(formerly MA A)

Supplements MATH 101A and MATH 120A.

1298 MATHA-1 **ASG** **-** **15-week**

Note: Students registering for MATH 101A or MATH 120A in the 15-week session must also register for MATH A in the 15-week session.

1997 MATHA-2 **ASG** **-** **13-week**

Note: Students registering for MATH 101A or MATH 120A in the 13-week session must also register for MATH A in the 13-week session.

MATH 110 - Fundamental Concepts of Mathematics I (4)

Gen Ed Math

Prerequisite or Co-requisite: MATH 67 or MA 83 or appropriate score on mathematics placement test
(formerly MA 105)

Note: MATH 110 is designed and recommended for Education majors in the Early Childhood Education and Elementary Education A.A.T. degrees only.

Provides a comprehensive, conceptually-based background in elementary mathematics. Topics include historical development of numeration systems, decimal notation, arithmetic algorithms in decimal and other bases, elementary set theory and number theory. Intended for early childhood and elementary education students, or other non-STEM majors, who need a general course in problem-solving strategies, numeracy, and the real number system.

2155 MATH110-1 **MW** **11:00am - 12:40pm** **15-week**

1262 MATH110-2 **TTH** **9:00am - 10:40am** **15-week**

1974 MATH110-3 **TTH** **11:00am - 12:40pm** **15-week**

1965 MATH110-4 **TTH** **5:00pm - 6:40pm** **15-week**

MATH 113 - Fundamental Concepts of Mathematics II (4)

Prerequisite or Co-requisite: MATH 67 or MA 83 or appropriate score on mathematics placement test. It is recommended that students complete MATH 110 (formerly MA 105) before taking this course.
(formerly MA 106)

Presents topics including plane and solid, metric and non-metric, dimensional analysis, congruence and similarity, and coordinate and transformational geometry. Emphasizes problem solving strategies. MATH 113 is not a general education course. Intended for early childhood education and elementary education students who need a conceptually-based study of the fundamentals of geometry.

2105 MATH113-1 **MW** **9:00am - 10:40am** **15-week**

2106 MATH113-2 **MW** **11:00am - 12:40pm** **15-week**

MATH 120 - Statistics (3)

Gen Ed Math

Prerequisite: Grade of C or better in MA 81 or appropriate score on mathematics placement test (formerly MA 206)

Introduces non-calculus statistics. Topics include descriptive analysis and treatment of data, probability, statistical inference, linear regression and correlation, and chi-square tests and non-parametric tests.

1281	MATH120-1	MW	8:00am - 9:15am	15-week
1935	MATH120-2	MW	9:30am - 10:45am	15-week
1282	MATH120-3	MW	9:30am - 10:45am	15-week
1284	MATH120-4	MW	11:00am - 12:15pm	15-week
1285	MATH120-5	MW	12:30pm - 1:45pm	15-week
1286	MATH120-6	MW	2:00pm - 3:15pm	15-week
1287	MATH120-7	TTH	8:00am - 9:15am	15-week
2156	MATH120-8	TTH	9:30am - 10:45am	15-week
2157	MATH120-9	TTH	11:00am - 12:15pm	15-week
1843	MATH120-10	TTH	2:00pm - 3:15pm	15-week
1288	MATH120-11	TTH	3:30pm - 4:45pm	15-week
1289	MATH120-12	F	11:00am - 1:35pm	15-week
2006	MATH120-13	M	6:00pm - 8:35pm	15-week
1290	MATH120-14	W	6:00pm - 8:35pm	15-week
1994	MATH120-WE1	MW	12:30pm - 1:45pm	13-week
1869	MATH120-WE2	TTH	9:30am - 10:45am	13-week
1283	MATH120-WE3	TTH	11:00am - 12:15pm	13-week
2116	MATH120-WE4	TTH	12:30pm - 1:45pm	13-week

Note: This web enhanced course requires completion of selected online assignments.

1291	MATH120-ONL1		ONLINE	15-week	\$
1933	MATH120-ONL2		ONLINE	15-week	

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

MATH 120A - Statistics (3)

Gen Ed Math

Prerequisites: Grade of B or better in MA 80 or MATH 50 or appropriate score on mathematics placement test (formerly MA 206A)

Combines an introductory non-calculus statistics course with topics from Algebra. Topics of Algebra include linear equations and inequalities, and graphing and modeling functions. Topics of Statistics include descriptive analysis and treatment of data, probability, statistical inference, linear regression and correlation, chi-square tests, and non-parametric tests. Students can only receive credit for one of the following: MATH 120 or MATH 120A.

1293	MATH120A-1	MTWT	9:30am - 10:35am	15-week
2007	MATH120A-2	MTWT	11:00am - 12:05pm	15-week
1294	MATH120A-3	MTWT	11:00am - 12:15pm	13-week
1296	MATH120A-4	MTWT	2:00pm - 3:05pm	15-week
1870	MATH120A-5	MW	6:00pm - 8:10pm	15-week
1297	MATH120A-6	TTH	6:00pm - 8:10pm	15-week
1292	MATH120A-HYB1	MW	8:00am - 9:15am	15-week
2158	MATH120A-HYB2	MW	12:30pm - 1:45pm	15-week

Note: Students registering for MATH 120A in the 15-week session must also register for MATH A - Instruction with Algebra in the 15-week session.

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

1295	MATH120A-WE1	MTWT	12:30pm - 1:45pm	13-week
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Note: Students registering for MATH 120A in the 13-week session must also register for MATH A - Instruction with Algebra in the 13-week session.

This web enhanced course requires completion of selected online assignments.

MATHA - Instruction with Algebra (0) [2]

(formerly MA A)

Supplements MATH 101A and MATH 120A.

1298	MATHA-1	ASG	-	15-week
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Note: Students registering for MATH 101A or MATH 120A in the 15-week session must also register for MATH A in the 15-week session.

1997	MATHA-2	ASG	-	13-week
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Note: Students registering for MATH 101A or MATH 120A in the 13-week session must also register for MATH A in the 13-week session.

MATH 125 - Business Statistics (3)

Gen Ed Math

Prerequisites: (MA 81 or MATH 67 or MA 83 or appropriate score on mathematics placement test) and (CMIS 101 or CMIS 111E or CIS 116E) and (placement in ENGL 70 or ESOL 70 or higher on the reading placement test) (formerly BU/MA 205)

Introduces non-calculus statistics for business using spreadsheets. Topics include descriptive analysis and treatment of data, probability, statistical inference, linear regression and correlation, and chi-square tests and non-parametric tests.

1931	MATH125-1	MW	12:30pm - 1:45pm	15-week
1280	MATH125-2	TTH	9:30am - 10:45am	15-week
1839	MATH125-ONL1		ONLINE	15-week

MATH 127 - Statistics with Probability (4)

Gen Ed Math

Prerequisite: Grade of C or better in MA 81 or appropriate score on mathematics placement test (formerly MA 207)

Introduces non-calculus statistics with additional topics in elementary probability. Statistical topics include descriptive analysis and treatment of data, statistical inference, linear regression and correlation, and chi-square tests. Topics from Elementary Probability include basic event and outcome concepts, fundamental rules of probability, random variables and their distributions, and expectation. Practical applications of the course concepts are explored through team projects. Students may not earn credit for both MATH 127 and MATH 120/MATH 120A.

1299	MATH127-1	MW	11:00am - 12:40pm	15-week	\$
2159	MATH127-2	MW	1:00pm - 2:40pm	15-week	\$
1300	MATH127-3	TTH	1:00pm - 2:40pm	15-week	
1301	MATH127-HYB1	M	5:00pm - 6:40pm	15-week	

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

MATH 145 - College Algebra (3)

Gen Ed Math

Prerequisite: Grade of B or better in MA 81 or appropriate score on mathematics placement test (formerly MA 130)

Includes a study of function behavior, composition, and inverse using linear, polynomial, rational, and radical functions; definition and analysis of exponential and logarithmic functions, complex numbers, formulae of midpoint, and distance and average rate of change.

1270	MATH145-1	MW	8:00am - 9:15am	15-week
1271	MATH145-2	MW	9:30am - 10:45am	15-week
1272	MATH145-3	MW	11:00am - 12:15pm	15-week
1983	MATH145-4	MW	12:30pm - 1:45pm	15-week
1273	MATH145-5	MW	2:00pm - 3:15pm	15-week
1274	MATH145-6	MW	3:30pm - 4:45pm	15-week
1275	MATH145-7	TTH	9:30am - 10:45am	15-week
2160	MATH145-8	TTH	11:00am - 12:15pm	15-week
2005	MATH145-9	TTH	12:30pm - 1:45pm	15-week
2161	MATH145-10	TTH	2:00pm - 3:15pm	15-week
2162	MATH145-11	TTH	2:00pm - 3:15pm	15-week
1277	MATH145-12	SAT	9:00am - 11:55am	15-week
1276	MATH145-13	TTH	5:00pm - 6:30pm	13-week
1842	MATH145-WE1	MW	11:00am - 12:15pm	13-week

Note: This web enhanced course requires completion of selected online assignments.

1995	MATH145-ONL1		ONLINE	15-week
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MATH 145S - College Algebra (3)

Gen Ed Math

Prerequisite: Grade of B or better in MA 80 or MATH 50 appropriate score on mathematics placement test (formerly MA 130S)

Combines College Algebra with topics from Introductory and Intermediate Algebra. Introductory and Intermediate Algebra topics include linear equations, absolute value, quadratic functions, exponential functions, and polynomial functions with an emphasis on functions, graphing, and modeling. College Algebra topics extend Intro/Intermediate topics to include a study of function behavior, composition, and inverse using linear, polynomial, rational and radical functions; definition and analysis of exponential and logarithmic functions, and complex numbers.

2001 MATH145S-1	MTWT	9:30am - 10:45am	15-week
2002 MATH145S-2	MTWT	12:30pm - 1:45pm	15-week
2003 MATH145S-3	TTH	6:00pm - 8:35pm	15-week

Note: Students registering for MATH 145S must also register for MATH S.

MATHS - Algebraic Support (0) [3]

(formerly MA S)

Supplements MATH 145S.

2004 MATHS-1	ASG	-	15-week
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MATH 165 - Precalculus (4)

Gen Ed Math

Prerequisite: Grade of B or better in MA 82 or MA 85 OR Grade of C or better in MATH 145 or MATH 145S or MA 130 or MA 130S OR appropriate score on the mathematics placement test (formerly MA 111)

Includes topics from college algebra and trigonometry with a graphing approach such as right triangle trigonometry, circular trigonometric functions, inverse trigonometric functions, exponential functions, power functions, logarithmic functions, and polynomial functions and their zeros.

1263 MATH165-1	MW	1:00pm - 2:40pm	15-week
1264 MATH165-2	MW	3:00pm - 4:40pm	15-week
1265 MATH165-3	TTH	9:00am - 10:40am	15-week
1266 MATH165-4	TTH	11:00am - 12:40pm	15-week
1267 MATH165-5	TTH	1:00pm - 2:40pm	15-week
1268 MATH165-6	MW	5:00pm - 6:40pm	15-week
1269 MATH165-ONL1	📱	ONLINE	15-week

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

MATH 175 - Applied Calculus (3)

Gen Ed Math

Prerequisite: Grade of C or better in MATH 145 or MATH 145S or MA 130 or MA 130S or appropriate score on mathematics placement test (formerly MA 201)

Presents methods for finding the derivatives and integrals of algebraic and transcendental functions with applications in each program. This course is a brief, applied version of traditional Calculus designed to help students understand how calculus is used in business, biology, and/or the social sciences. This course is not intended to replace traditional Calculus, nor can it be used as a prerequisite for Calculus I or Calculus II.

1278 MATH175-1	MW	11:00am - 12:15pm	15-week
1279 MATH175-2	TTH	2:00pm - 3:15pm	15-week

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.



No/Low Cost Textbooks: At FCC, this symbol indicates specific course sections in which textbooks are available for less than \$40. These sections require regular access to the Internet as most of the resources are in a digital format. Note that certain no/low cost textbook courses (e.g., science labs, art studio classes) have textbooks available for less than \$40 but may require purchase of additional course materials and supplies.

MATH 185 - Calculus I (4)

Gen Ed Math

Prerequisite: Grade of C or better in MATH 165 or MA 111 (formerly MA 210)

Presents topics including functions, limits, continuity, the derivative concept, differentiation techniques (including product rule, quotient rule, chain rule, and implicit differentiation), applications of the derivative, and definite and indefinite integral concepts. The Fundamental Theorem of Calculus is discussed and used in the context of introductory integration. Intended for students in mathematics, science, engineering, medical, and other technical programs as the first course in the three-semester calculus sequence (MATH 185, MATH 195, MATH 285).

1302 MATH185-1	MW	11:00am - 12:40pm	15-week
1303 MATH185-2	TTH	9:00am - 10:40am	15-week
2163 MATH185-3	TTH	11:00am - 12:40pm	15-week
1304 MATH185-4	TTH	1:00pm - 2:40pm	15-week
1305 MATH185-5	TTH	5:00pm - 6:40pm	15-week
1306 MATH185-ONL1	📱	ONLINE	15-week

MATH 195 - Calculus II (4)

Gen Ed Math

Prerequisite: Grade of C or better in MATH 185 or MA 210 (formerly MA 211)

Presents the second of three courses in the calculus sequence. Topics include methods and applications of integration, improper integrals, sequences and series, Taylor approximations, and an introduction to differential equations.

1307 MATH195-1	MW	1:00pm - 2:40pm	15-week
1308 MATH195-2	TTH	11:00am - 12:40pm	15-week
1309 MATH195-3	TTH	5:00pm - 6:40pm	15-week

MATH 220 - Introduction to MATLAB (1)

Prerequisite or Co-requisite: MATH 185 or MA 210 (formerly MA 214)

Provides an introduction to MATLAB, is a multi-paradigm numerical computing environment and fourth-generation programming language, including popular toolboxes. The course consists of interactive workshops with students doing sample MATLAB problems in real time. Problem-based MATLAB assignments are given which require significant time on MATLAB.

1312 MATH220-ONL1	📱	ONLINE	1st 7 1/2-week
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

MATH 265 - Linear Algebra (4)

Prerequisite: Grade of C or better in MATH 185 or MA 210 (formerly MA 218)

Includes systems of linear equations, determinants, vectors in 2- and 3-space, vector spaces, linear transformations, eigenvalues and eigenvectors and applications.

1313 MATH265-1	MW	9:00am - 10:40am	15-week
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MATH 285 - Calculus III (4)

Prerequisite: Grade of C or better in MATH 195 or MA 211 (formerly MA 212)

Presents the final course in the three-semester calculus sequence. Topics include functions of several variables and their graphs, vectors, parametric equations, partial derivatives, multiple integrals and applications, Green's Theorem, Stokes Theorem and the fundamental theorem of line integrals.

1310 MATH285-1	TTH	11:00am - 12:40pm	15-week
1311 MATH285-2	TTH	3:00pm - 4:40pm	15-week

MEDA: Medical Assisting

MEDA 101 - Foundations of Medical Assisting I (3)

Prerequisite or Co-requisite: MEDA 109 (formerly MDA 101)

Introduces the professional responsibilities of the administrative and clinical medical assistant. Emphasizes interpersonal communication, records management, administrative responsibilities, financial administration, patient education, and patient care activities for the physician's office.

1681 MEDA101-1	F	9:00am - 1:30pm	1st 7 1/2-week
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MEDA 102 - Foundations of Medical Assisting II (3)

Prerequisite: MEDA 101; Prerequisite or Co-requisite: MEDA 109
(formerly MDA 102)

Defines the theories and skills necessary for a clinical medical assistant. Topics covered include (but are not limited to): medical asepsis, performance of blood borne pathogens, OSHA regulations, general patient care, patient care activities, and position and measurement of vital signs. Students will obtain specimens for clinical tests.

1682 MEDA102-1 **F** **9:00am - 1:30pm** **2nd 7 1/2-week**

MEDA 108 - Basic Medical Terminology (1)

Prerequisite: ENGL 70 or ENGL 75 or ESOL 72 or Co-requisite: ENGL 75
(formerly MDA 108)



Provides students with the basic medical terminology framework needed before advancing to a more comprehensive medical terminology or anatomy and physiology based course.

1683 MEDA108-ONL1  **ONLINE** **1st 7 1/2-week**
1910 MEDA108-ONL2  **ONLINE** **2nd 7 1/2-week**

MEDA 109 - Medical Terminology (3)

Prerequisite: ENGL 70 or ENGL 75 or ESOL 72 or Co-requisite: ENGL 75
(formerly MDA 109)

Teaches the basic principles of building and defining medical words. Students use techniques learned to develop an extensive medical terminology vocabulary. No previous knowledge of anatomy, physiology or pathology is necessary.

1684 MEDA109-HYB1 **TH** **9:30am - 10:45am** **15-week**
1685 MEDA109-HYB2 **TH** **11:00am - 1:30pm** **1st 7 1/2-week**
1686 MEDA109-ONL1  **ONLINE** **15-week**
1687 MEDA109-ONL2  **ONLINE** **2nd 7 1/2-week**

MEDA 112 - Medical/Administrative Office Applications (3)

Prerequisite or Co-requisite: CMIS 101 and MEDA 109
(formerly MDA 112)

Covers the general flow of information in a medical office and the role that computers play in administrative tasks. Simulation software is used to reflect today's office environment such as variety in fee schedules, patient scheduling, and office hour organization. Students will perform additional office procedures including insurance claims and financial tasks.

1690 MEDA112-HYB1 **W** **6:30pm - 8:30pm** **2nd 7 1/2-week**
2207 MEDA112-ONL1  **ONLINE** **1st 7 1/2-week**

MEDA 115 - Phlebotomy Skills (3)

Prerequisite: ENGL 70 or ENGL 75 or ESOL 72
(formerly MDA 115)

Develops skills in a variety of blood collection methods using proper techniques and standard precautions. Blood collection procedures performed include vacuum collection devices, syringes, capillary skin puncture, butterfly needles and blood culture, and specimen collection on adults. Collection of specimens from children and infants is discussed. Emphasis will be placed on infection prevention, patient identification, specimen labeling, quality assurance, specimen handling, processing, accessioning, professionalism, ethics, and medical terminology.

1691 MEDA115-HYB1 **W** **1:00pm - 4:00pm** **2nd 7 1/2-week**

MEDA 202 - Medical Assisting Clinical Skills II (3)

Prerequisite: MEDA 201
(formerly MDA 202)

Develops proper clinical techniques based on theories of clinical laboratory testing. Demonstrates use of clinical/physician office equipment. Skills include (but are not limited to): collecting, handling, and examining laboratory specimens and using phlebotomy procedures according to OSHA regulations. Students are required to complete a minimum of 20 hours of clinical work in a physician's office.

1692 MEDA202-1 **TTH** **6:00pm - 8:15pm** **1st 7 1/2-week**

MEDA 204 - Medical Assisting Practicum II (2)

Prerequisite or Co-requisite: MEDA 202
(formerly MDA 204)


Provides students with supervised patient-care experience in the medical office. Emphasis is placed on enhancing competence in clinical and laboratory skills necessary for comprehensive patient care and strengthening professional communications and interactions.

1693 MEDA204-1 **ASG** **-** **1st 7 1/2-week**

MEDA 209 - Pharmacology for Medical Office Practice (3)

Prerequisite or Co-requisite: MEDA 109
(formerly MDA 110)

Defines and describes therapeutic action and major side effects of common drugs, principles of medication, and dosage calculations. Students will be completing clinical and multimedia application assignments encountered in a clinic/doctor's office setting. Each anatomical system will be the subject of a unit in this course. This course is not intended for the nursing student.

1688 MEDA209-HYB1 **TH** **11:00am - 1:30pm** **1st 7 1/2-week**
1689 MEDA209-ONL1  **ONLINE** **15-week**

MEDA 216 - Diagnostic and Procedural Medical Coding (3)

Prerequisite or Co-requisite: CMIS 101 and MEDA 109
(formerly MDA 216)

Introduces the structure and conventions of diagnostic ICD (International Classification of Diseases) and procedural CPT (Current Procedural Terminology) coding. Covers a variety of medical specialties and coding issues encountered in healthcare providers' offices. Broadens medical coding knowledge and enhances medical coding skills with hands-on simulations using a widely accepted medical coding software package.

2037 MEDA216-1 **W** **6:30pm - 8:30pm** **1st 7 1/2-week**

MEDA 218 - Health Insurance Billing and Reimbursement (3)

Prerequisite or Co-requisite: MEDA 216
(formerly MDA 218)

Provides in-depth study of processing health insurance claims. Examines all aspects of medical insurance including plan options, payer requirements, state and federal regulations, abstraction of source documents, accurate completion of claims, coding of diagnoses, and procedures/services.

2208 MEDA218-ONL1  **ONLINE** **1st 7 1/2-week**
1694 MEDA218-ONL2  **ONLINE** **2nd 7 1/2-week**

MEDA 220 - Electronic Health Records (3)

Prerequisite or Co-requisite: CMIS 101 and MEDA 109
(formerly MDA 220)

Introduces students to Electronic Health Records (EHR) through an examination of existing transitions and structures between medical facilities. Practical applications and guided exercises will enable the student to be prepared for changes in the healthcare field.

1695 MEDA220-ONL1  **ONLINE** **1st 7 1/2-week**
1696 MEDA220-ONL2  **ONLINE** **2nd 7 1/2-week**

MEDA 222 - Federal Healthcare Programs and Laws (3)

Prerequisite or Co-requisite: CMIS 101 and ENGL 101
(formerly MDA 222)

Prepares students in allied health programs to enter the workforce with a basic understanding of federal healthcare programs and federal healthcare laws. The course will provide students with a knowledge of the populations receiving assistance from the government as well as identifying the federal laws that govern workers' provisions of health services laws.

2234 MEDA222-ONL1  **ONLINE** **15-week**


MUSC: Music

MUSC 101 - Music History and Appreciation (3)

Gen Ed Arts

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75
(formerly MU 101)

Traces the development of musical expression in Western Art Music by providing an introduction of musical elements such as melody, harmony, tone color, rhythm, form, and texture. Students will be able to identify style periods and representative composers from the Middle Ages to the Modern Era and demonstrate musical knowledge through directed listening and topical writing assignments. Music reading skills unnecessary.


1180 MUSC101-1 **MW** **9:30am - 10:45am** **15-week**
1181 MUSC101-ONL1  **ONLINE** **15-week**

MUSC 103 - Fundamentals of Music (3)

Gen Ed Arts

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75 (formerly MU 103)

Covers the basic elements of music such as note reading, rhythm, scales, key signatures, and intervals. Includes an introduction to fundamental keyboard skills and simple ear training exercises. Intended for students with limited musical knowledge who wish to study music theory or learn to read music.

1182	MUSC103-1	MW	11:00am - 12:15pm	15-week	
1183	MUSC103-WE1	TTH	12:30pm - 1:45pm	15-week	
1192	MUSC103-ONL1		ONLINE	2nd 7 1/2-week	

Note: This web enhanced course requires completion of selected online assignments.

MUSC 106 - Ear Training and Musicianship I (1)

Prerequisite: MUSC 103 or permission of department (formerly MU 106)

Converts theoretical knowledge into practical application through sight-singing, ear-training, and rhythmic exercises. Study concepts are derived from material introduced in Music Theory I, including major and minor scales, intervals, sequential patterns and simple melodies, rhythmic patterns, tempos, and triads.

Note: Concurrent enrollment in Music Theory (MUSC 111) and Ear Training and Musicianship I is required of all music majors.


1184	MUSC106-1	TTH	2:30pm - 3:20pm	15-week	
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MUSC 109 - American Popular Music (3)

Gen Ed Arts

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75 (formerly MU 109)

Surveys the development of American popular music in the 20th and 21st centuries, including the origins of both pop/rock styles, significant artists, cross-pollination with other genres, and impact on American culture. Selected pieces are examined in detail through directed listening. Topical writing assignments are required. Music reading skills unnecessary.

1937	MUSC109-1	MW	12:30pm - 1:45pm	15-week	
1185	MUSC109-2	TTH	11:00am - 12:15pm	15-week	
1193	MUSC109-ONL1		ONLINE	15-week	

MUSC 111 - Music Theory I (3)

Prerequisite: MUSC 103 or permission of department (formerly MU 111)

Presents a study of diatonic harmony through a review of music fundamentals, followed by an introduction to two and four part writing, figured bass and popular chord symbols, and theoretical analyses of musical examples. Includes some dictation and ear training drills.

Note: Concurrent enrollment in Music Theory I and Ear Training and Musicianship I (MUSC 106) is required of all music transfer majors.

1186	MUSC111-1	TTH	3:30pm - 4:45pm	15-week	
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MUSC 117 - Choral Ensemble I (1)

(formerly MU 117)

Presents a variety of choral literature for study and performance. Open to all students, and provides an ensemble option for the first year of study for music majors. Students participate as members of the Choral Arts Society of Frederick.

1187	MUSC117-1C	T	7:45pm - 10:00pm	15-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

MUSC 119 - Jazz Ensemble I (1)

Prerequisite: Permission of instructor (formerly MU 119)

Introduces jazz music and improvisation. Study of jazz theory and harmony with practical application on chosen instrument. Two lecture/rehearsal hours weekly culminating in end of semester concert. Open to all students with permission of instructor and provides an ensemble option for the first year of study for music majors. Individual instruction on chosen instrument recommended concurrently.

1188	MUSC119-1	M	7:30pm - 9:45pm	15-week	\$
1189	MUSC119-2C	W	7:45pm - 10:00pm	15-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

MUSC 121 - Orchestral Ensemble I (1)

Prerequisite: Permission of instructor (formerly MU 121)

Presents great orchestral music of the Baroque, Classical, Romantic, and Contemporary musical eras as the basis for study and performance. Open to all students with permission of instructor and provides an ensemble option for the first year of study for music majors. Individual instruction on chosen instrument recommended concurrently.

1190	MUSC121-1C	TH	7:30pm - 9:30pm	15-week	\$
2087	MUSC121-2	TH	7:30pm - 9:30pm	15-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

MUSC 123 - Wind Ensemble I (1)

Prerequisite: Permission of instructor (formerly MU 123)

Presents a variety of wind ensemble literature as the basis for further study and presentation. Open to all students and provides an ensemble option for the first year of study for music majors. Individual instruction in chosen instrument recommended concurrently.

1191	MUSC123-1C	W	6:30pm - 9:00pm	15-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

MUSC 130 - Foundations of Audio Technology (3)

Prerequisite: ENGL 70 or ENGL 75 or ESOL 72 or Co-requisite: ENGL 75 (formerly MU 130)

Introduces components of the recording process including a detailed analysis of the nature of sound, human hearing, and basic principles of electricity. Students will learn basic digital audio workstation operation and other skills required to work in the studio.

1239	MUSC130-1	TTH	11:00am - 12:15pm	15-week	
1907	MUSC130-WE1	MW	9:30am - 10:45am	13-week	

Note: This web enhanced course requires completion of selected online assignments.

MUSC 145 - Publishing, Licensing, and Copyrighting (3)

Prerequisite: ENGL 70 or ENGL 75 or ESOL 72 or Co-requisite: ENGL 75 (formerly MU 145)

Examines music publishing, licensing, and copyright procedures used by the professional musician, music administrator, and music producer.

1240	MUSC145-1	TTH	1:00pm - 2:15pm	15-week	
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MUSC 151 - Class Piano I (1)

(formerly MU 151)

Offers beginning piano study in a classroom-lab setting. A computer workstation with electronic keyboard is available for class use. Prior music experience is not required. Students will be trained in basic keyboard skills and, if necessary, music fundamentals. In-class performances of songs with both hands will be required in all four semesters of this course. Regular individual practice on a keyboard/piano is expected.

1194	MUSC151-1C	M	11:30am - 12:20pm	15-week	\$
1195	MUSC151-2C	W	12:30pm - 1:20pm	15-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

MUSC 152 - Class Piano II (1)

Prerequisite: MUSC 151 (formerly MU 152)

Builds on skills learned in Class Piano I. New keyboard skills include scales and chord progressions in simple major keys, as well as reading lead sheets with primary chords. Students will learn and perform two-hand repertoire featuring melody and various types of chord accompaniments to a basic standard. More elements of keyboard technique will be explored. Regular individual practice on a keyboard/piano is expected.

1196	MUSC152-1C	M	11:30am - 12:20pm	15-week	\$
1197	MUSC152-2C	W	12:30pm - 1:20pm	15-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

MUSC 201 - Music Cultures of the World (3)

Gen Ed Arts; Cultural Competence

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75 (formerly MU 108)

Provides an introduction to the indigenous musical expressions of countries around the world, including African, Asian, Latin American, native North American, and the Caribbean, emphasizing a global perspective and artistic interaction of world cultures. Considers origins, unique instruments, significant genres, notable artists, and cultural functions. Selected pieces are examined in detail through directed listening. Topical writing assignments are required.

2237 MUSC201-ONL1  **ONLINE** **15-week**

MUSC 206 - Ear Training and Musicianship III (1)

Prerequisite: MUSC 107; *Co-requisite:* MUSC 211 (formerly MU 206)

Continues skills from Ear Training and Musicianship II, coordinating with Music Theory III, including harmonic dictations in chorale style, melodic dictations with wider intervallic leaps and some chromaticism, and rhythmic dictations of more complex patterns. Sight-singing and keyboard activities are commensurate with each student's experience and ability. Computers available for us in and outside of class time.

1216 MUSC206-1 **MW** **3:30pm - 4:20pm** **15-week**

MUSC 211 - Music Theory III (3)

Prerequisite: MUSC 112; *Co-requisite:* MUSC 206 (formerly MU 211)

Continues Music Theory II, with further work on modulations, dominant relationships, cadential identifications, extended part-writing procedures, altered chords, and analyses. Includes characteristics of instrumental and vocal writing, the Neapolitan six chord and augmented sixth chords, and harmonizations with all types of chords and figured bass symbols.

1217 MUSC211-1 **MW** **2:00pm - 3:15pm** **15-week**

MUSC 217 - Choral Ensemble II (1)

(formerly MU 217)

Presents a variety of choral literature for study and performance. Open to all students, and provides an ensemble option for the second year of study for music majors. Students participate as members of the Choral Arts Society of Frederick.

1218 MUSC217-1C **T** **7:45pm - 10:00pm** **15-week** **\$**

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

MUSC 219 - Jazz Ensemble II (1)

Prerequisite: MUSC 119 or MUSC 120 or permission of instructor (formerly MU 219)

Studies advanced jazz songs and improvisation. Discussion of complex theory, harmony, and rhythms with practical application on chosen instrument. Two lecture/rehearsal hours weekly culminating in end of semester concert. Private lessons on chosen instrument recommended concurrently. Open to all students with permission of instructor and provides an ensemble option for the second year of study for music majors. Individual instruction on chosen instrument recommended concurrently.

1219 MUSC219-1 **M** **5:00pm - 7:15pm** **15-week** **\$**

1220 MUSC219-2C **W** **7:45pm - 10:00pm** **15-week** **\$**

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

MUSC 221 - Orchestral Ensemble II (1)

Prerequisite: MUSC 121 or MUSC 122 or permission of instructor (formerly MU 221)

Presents great orchestral music of the Baroque, Classical, Romantic, and Contemporary musical eras as the basis for study and performance. Open to all students with permission of the instructor and provides an ensemble option for the second year of study for music majors. Individual instruction on chosen instrument recommended concurrently.

1221 MUSC221-1C **TH** **7:30pm - 9:30pm** **15-week** **\$**

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

MUSC 223 - Wind Ensemble II (1)

Prerequisite: MUSC 123 or MUSC 124 or permission of instructor (formerly MU 223)

Presents a variety of wind ensemble literature as the basis for further study and performance. Open to all students with permission of instructor and provides an ensemble option for the second year of study for music majors. Individual instruction on chosen instrument recommended concurrently.

1222 MUSC223-1C **W** **6:30pm - 9:00pm** **15-week** **\$**

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

MUSC 230 - Studio Recording Techniques (3)

Prerequisite: MUSC 135 (formerly MU 230)

Focuses on contemporary recording techniques associated with popular music production. Topics include multi-track recording, overdubbing, MIDI, and project management.

1835 MUSC230-1 **TTH** **3:30pm - 4:45pm** **15-week**

MUSC 240 - MIDI Music Production Techniques (3)

Prerequisite: MUSC 130; *Prerequisite or Co-requisite:* MUSC 103 (formerly MU 240)

Explores electronic music production. Students will produce electronic music using a variety of software and techniques. Topics will include notation, MIDI and controller programming, sampling, sequencing, virtual instruments, synthesizers, and production techniques.

1241 MUSC240-1 **F** **10:00am - 12:35pm** **15-week**

MUSC 251 - Class Piano III (1)

Prerequisite: MUSC 152 (formerly MU 251)

Continues material presented in Class Piano II. New keyboard skills include scales and chord progressions in simple minor keys as well as more complicated major keys. Students will learn and perform two-hand repertoire featuring melody and various types of chord accompaniments to a basic standard. Elements of keyboard technique will continue to be developed. Regular individual practice on a keyboard/piano is expected.

2088 MUSC251-1C **M** **11:30am - 12:20pm** **15-week** **\$**

1223 MUSC251-2C **W** **12:30pm - 1:20pm** **15-week** **\$**

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

MUSC 252 - Class Piano IV (1)

Prerequisite: MUSC 251 (formerly MU 252)

Continues material presented in Class Piano III. New keyboard skills include arpeggios, greater independence of hands in polyphonic repertoire, and playing in a greater variety of styles (classical, blues, folk, etc.). All major and minor scales will be learned, hands together in one octave. Students will learn and perform two-hand repertoire featuring melody and various types of chord accompaniments to a level consistent with a secondary keyboard major in a four-year music program. Elements of keyboard technique will continue to be developed. Regular individual practice on a keyboard/piano is expected.

2089 MUSC252-1C **M** **11:30am - 12:20pm** **15-week** **\$**

1224 MUSC252-2C **W** **12:30pm - 1:20pm** **15-week** **\$**

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.



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MUSC: Applied Music Courses

Additional fees: \$490

Thirteen one-hour lessons of instruction that encompass technique, theory, style, interpretation, and performance of selected literature. Additional required repertoire and performance classes. Specific dates for these classes are announced at the beginning of the semester. A jury examination is held at the end of the semester and is to be regarded as the final exam.

Instructor Contact List

Laura Armstrong – Clarinet/ Saxophone	443.615.1529	larmstrong@frederick.edu
Howard Burns – Woodwinds	301.788.3274	hburns@frederick.edu
Paula Chipman – Voice	301.846.2566	pchipman@frederick.edu
Jonathan Cresci – Trumpet	301.624.2844	jcresci@frederick.edu
Jason Diggs – Violin/Viola	410.812.2018	jadiggs@frederick.edu
Lynn Fleming – Bass	301.922.0398	vfleming@frederick.edu
Adam Gonzalez – Cello	301.219.4826	agonzalez@frederick.edu
Mary Gresock – Voice	301.879.2069	mgresock@frederick.edu
Greg Herron – Percussion	443.621.8694	gherron@frederick.edu
Suk-Yi Hyun – Piano	240.421.7188	shyun@frederick.edu
Alice Lee – Piano	202.270.1667	alee@frederick.edu
Aaron Lovely – Low Brass	703.401.8971	alovely@frederick.edu
David Loy – Voice	301.791.7730	dloy@frederick.edu
Michael Raitzyk – Guitar	410.905.3149	mraitzyk@frederick.edu
Jennifer Rundlett – Flute	301.846.2642	jrundlett@frederick.edu
Sterling Scroggins – Voice	202.906.0613	sscroggins@frederick.edu
Maryory Serrano – Violin/Viola	540.664.4068	mserrano@frederick.edu
Lynn Staininger – Voice/Piano	240.405.7382	lstaininger@frederick.edu
John Wickelgren – Piano	301.668.0355	jwickelgren@frederick.edu

MUSC 172 - First Year Piano (1)

(formerly MU 172)

1198 MUSC172-1	John Wickelgren	13-week
1199 MUSC172-2	Lynn Staininger	13-week
1200 MUSC172-3	Alice Lee	13-week
1201 MUSC172-4	Suk-Yi Hyun	13-week
2090 MUSC172-5	David Loy	13-week

MUSC 174 - First Year Voice (1)

(formerly MU 174)

1202 MUSC174-1	Paula Chipman	13-week
1203 MUSC174-2	David Loy	13-week
1204 MUSC174-3	Mary Gresock	13-week
1205 MUSC174-4	Lynn Staininger	13-week
1957 MUSC174-5	Sterling Scroggins	13-week

MUSC 178 - First Year Brass (1)

(formerly MU 178)

1206 MUSC178-1	Jon Cresci	13-week
1207 MUSC178-2	Aaron Lovely	13-week

MUSC 180 - First Year Woodwinds (1)

(formerly MU 180)

1208 MUSC180-1	Jennifer Rundlett	13-week
1209 MUSC180-2	Laura Armstrong	13-week
2091 MUSC180-3	Howard Burns	13-week

MUSC 182 - First Year Strings (1)

(formerly MU 182)

1210 MUSC182-1	Jason Diggs	13-week
1211 MUSC182-2	Flor Maryory Serrano Prada	13-week
1212 MUSC182-3	Adam Gonzalez	13-week
1213 MUSC182-4	Lynn Fleming	13-week
2121 MUSC182-5	TBA	13-week

MUSC 184 - First Year Guitar (1)

(formerly MU 184)

1214 MUSC184-1	Michael Raitzyk	13-week
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MUSC 186 - First Year Percussion (1)

(formerly MU 186)

1215 MUSC186-1	Greg Herron	13-week
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MUSC 272 - Second Year Piano (1)

Prerequisite: Permission of Program Manager
(formerly MU 272)

1225 MUSC272-1	John Wickelgren	13-week
1226 MUSC272-2	Lynn Staininger	13-week
1227 MUSC272-3	Alice Lee	13-week
1228 MUSC272-4	Suk-Yi Hyun	13-week
2092 MUSC272-5	David Loy	13-week

MUSC 274 - Second Year Voice (1)

Prerequisite: Permission of Program Manager
(formerly MU 274)

1229 MUSC274-1	Paula Chipman	13-week
1230 MUSC274-2	David Loy	13-week
1231 MUSC274-3	Mary Gresock	13-week
1232 MUSC274-4	Lynn Staininger	13-week
1958 MUSC274-5	Sterling Scroggins	13-week

MUSC 278 - Second Year Brass (1)

Prerequisite: Permission of Program Manager
(formerly MU 278)

1233 MUSC278-1	Jon Cresci	13-week
1234 MUSC278-2	Aaron Lovely	13-week

MUSC 280 - Second Year Woodwinds (1)

Prerequisite: Permission of Program Manager
(formerly MU 280)

1235 MUSC280-1	Jennifer Rundlett	13-week
1236 MUSC280-2	Laura Armstrong	13-week
2093 MUSC280-3	Howard Burns	13-week

MUSC 282 - Second Year Strings (1)

Prerequisite: Permission of Program Manager
(formerly MU 282)

1811 MUSC282-1	Jason Diggs	13-week
1812 MUSC282-2	Flor Maryory Serrano Prada	13-week
1813 MUSC282-3	Adam Gonzalez	13-week
1814 MUSC282-4	Lynn Fleming	13-week
2122 MUSC282-5	TBA	13-week

MUSC 284 - Second Year Guitar (1)

Prerequisite: Permission of Program Manager
(formerly MU 284)

1237 MUSC284-1	Michael Raitzyk	13-week
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MUSC 286 - Second Year Percussion (1)

Prerequisite: Permission of Program Manager
(formerly MU 286)

1238 MUSC286-1	Greg Herron	13-week
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NURS: Nursing

NURS 101 - Introduction to Clinical Nursing (6)

Cultural Competence

Prerequisite or Co-requisite: Passing score on Math for Medication Safety Test (formerly NU 101)

Introduces concepts of professional nursing. Emphasis is on the acquisition and application of basic knowledge, skills, and professional behaviors needed for the delivery of comprehensive care to the adult client.

1314 NURS101-1LC	TW	8:00am - 11:00am	15-week
1315 NURS101-2LC	TW	12:00pm - 3:00pm	15-week
1316 NURS101-11LB	ASG	-	15-week

Note: Students must register for corresponding lecture (LC) and lab (LB).

NURS 105 - Pharmacology for Nurses (2)

Prerequisite: Passing score on the Math for Medication Safety Test (formerly NU 105)

Provides instruction in basic pharmacology necessary for providing safe and effective medication administration. Content includes essential drug knowledge needed to adequately assess, administer, and evaluate drug effects in clients. Emphasis is on the acquisition and application of basic knowledge needed for the delivery of comprehensive care to clients in all healthcare settings.

1817 NURS105-HYB1	W	9:00am - 11:00am	15-week
1818 NURS105-HYB2	W	12:00pm - 2:00pm	15-week

NURS 211 - Medical-Surgical Nursing I (7)

Prerequisite: NURS 101; Prerequisite or Co-requisite: Passing score on Math for Medication Safety Test (formerly NU 211)

Introduces the study of the adult client with acute and chronic alterations in wellness. Emphasis is on assimilation and knowledge, skills, and professional behaviors needed for the delivery of comprehensive care.

1317 NURS211-1LC	MT	5:00pm - 7:00pm	15-week
1318 NURS211-11LB	ASG	-	15-week

Note: Students must register for corresponding lecture (LC) and lab (LB).

NURS 212 - Medical-Surgical Nursing II (4)

Prerequisite: NURS 211; Prerequisite or Co-requisite: Passing score on Math for Medication Safety Test (formerly NU 212)

Continues study of the adult client with increasingly complex acute and chronic alterations in health. Emphasis is on assimilation of knowledge, skills, and professional behaviors needed for the delivery of comprehensive care.

1319 NURS212-1LC	M	8:00am - 10:00am	15-week
1320 NURS212-2LC	TH	8:00am - 10:00am	15-week
1321 NURS212-11LB	ASG	-	15-week

Note: Students must register for corresponding lecture (LC) and lab (LB).

NURS 214 - Psychiatric/Mental Health Nursing (3)

Prerequisite: NURS 101; Prerequisite or Co-requisite: Passing score on Math for Medication Safety Test (formerly NU 214)

Examines the impact of mental illness on the individual, family, and community. Explores treatment options and issues; and reviews the evidence-based principles and practice of psychiatric-mental health nursing. Emphasis is placed on the adaptation of knowledge, skills, and attitudes related to caring for clients with alterations in mental health.

1324 NURS214-1LC	TH	5:00pm - 7:00pm	15-week
1325 NURS214-11LB	ASG	-	15-week

Note: Students must register for corresponding lecture (LC) and lab (LB).

NURS 218 - Maternal, Child, and Family Nursing (5)

Prerequisite: NURS 211; Prerequisite or Co-requisite: Passing score on Math for Medication Safety Test (formerly NU 218)

Introduces maternal, child, and family nursing. Focuses on the reproductive phase of family life, the specific health needs of women from adolescence to menopause, the healthy newborn, and pediatric clients with acute alterations in health. Emphasis is on assimilation of knowledge, skills, and professional behaviors needed for delivery of family-centered, comprehensive care.

1962 NURS218-1LC	M	10:00am - 3:00pm	15-week
1963 NURS218-2LC	TH	10:00am - 3:00pm	15-week
1964 NURS218-11LB	ASG	-	15-week

Note: Students must register for corresponding lecture (LC) and lab (LB).

NURS 231 - Medical-Surgical Nursing III (4)

Prerequisites: NURS 212 and NURS 218 (formerly NU 213)

Continues study of the adult client with acute, complex, and critical alterations in health. Emphasis is on the adaptation of knowledge, skills, and attitudes needed for the delivery of comprehensive care.

1322 NURS231-1LC	W	5:00pm - 7:00pm	15-week
1323 NURS231-11LB	ASG	-	15-week

Note: Students must register for corresponding lecture (LC) and lab (LB).

NURS 261 - Preparation for Practice (2)

Prerequisite: NURS 212 and NURS 218 (formerly NU 216)

Facilitates the student's adaptation into professional nursing practice. Explores current trends in nursing and concepts related to the nurse as a professional, a member of the health care team, and manager of client care.

1326 NURS261-1LC	W	7:30pm - 9:00pm	15-week
1327 NURS261-11LB	ASG	-	15-week

Note: Students must register for corresponding lecture (LC) and lab (LB).

NUTR: Nutrition

NUTR 100 - Nutrition Basics (1)

(formerly HE 110)

Applies a basic knowledge of nutrition to enable the students to make good dietary decisions. Provides a basis for discerning healthy diets.





1011 NUTR100-1	TH	11:00am - 1:00pm	2nd 7 1/2-week
1012 NUTR100-ONL1		ONLINE	1st 7 1/2-week

NUTR 102 - Nutrition in a Changing World (3)

Gen Ed Wellness

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75 (formerly HE 102)

Presents the basic principles of human nutrition with emphasis on the nutrients and factors that affect their use in the human body.

1001 NUTR102-1	M	9:30am - 12:00pm	15-week
1002 NUTR102-2	MW	12:30pm - 1:45pm	15-week
1003 NUTR102-3	MW	2:00pm - 3:15pm	15-week
1005 NUTR102-4	TTH	11:00am - 1:30pm	2nd 7 1/2-week
1004 NUTR102-5	TTH	2:00pm - 3:15pm	15-week
2044 NUTR102-6	F	9:30am - 12:00pm	15-week
1006 NUTR102-7	M	5:00pm - 7:35pm	15-week
1007 NUTR102-ONL1		ONLINE	15-week
1008 NUTR102-ONL2		ONLINE	15-week
1009 NUTR102-ONL3		ONLINE	1st 7 1/2-week
1010 NUTR102-ONL4		ONLINE	2nd 7 1/2-week

NUTR 200 - Principles and Application of Nutrition (3)

Prerequisite: BSCI 100 or BSCI 150 or BI 101 or BSCI 201 or BI 103 or BSCI 107

(formerly HE 200)

Introduces the principles of nutrition for the maintenance of good health throughout the life-cycle. Applications of nutritional principles are presented via the connection between diet and the prevention and treatment of disease. Investigates the socioeconomic, ecological and political factors that shape national nutritional policy and ultimately affect personal health.

1911 NUTR200-1 TTH 11:00am - 1:30pm 1st 7 1/2-week

PHED: Physical Education

PHED 105 - Elementary Fencing (1)

(formerly PE 160)

Introduces the history, safety, rules and etiquette of fencing. Teaches basic skills required to participate in a fencing match, as well as skills in directing and scoring a match.

2192 PHED105-1 W 1:00pm - 3:00pm 2nd 7 1/2-week

PHED 110 - Volleyball (1)

(formerly PE 165)

Includes orientation, instruction and participation in specific skills, rules and etiquette of the sport.

1033 PHED110-1 M 8:30am - 10:30am 2nd 7 1/2-week

PHED 115 - Weight Training (1)

(formerly PE 166)

Introduces the student to basic weight training techniques, training programs, and safety procedures.

1034 PHED115-1 MW 11:00am - 12:15pm 2nd 7 1/2-week
1035 PHED115-2 M 2:00pm - 3:00pm 15-week
1036 PHED115-3 W 2:00pm - 3:00pm 15-week
1037 PHED115-4 M 5:00pm - 7:00pm 2nd 7 1/2-week

PHED 122 - Tennis (1)

(formerly PE 179)

Introduces the basic skills of tennis, including the basic grips, forehand and backhand groundstrokes, volleys and serves; covers the rules and etiquette of the sport.

1914 PHED122-1 MW 11:00am - 12:15pm 1st 7 1/2-week

Note: After first day, class will meet out at the tennis courts. In the event of inclement weather, class will meet in D100 (gym).

PHED 125 - Golf (1)

(formerly PE 181)

Introduces the basic skills of golf, including the grip, stance, addressing the ball, aiming, putting, chipping, pitching and the basic full swing; covers the rules and etiquette of the sport.

1038 PHED125-1 W 5:00pm - 7:00pm 1st 7 1/2-week

Note: Course meets on campus for the first 3 weeks. For weeks 4-7, class held offsite at Saber Golf and Rec (formerly Liberty Road Golf Center). Fee paid at site is approx. \$35 (\$8 - \$9 per class for last four classes) paid at site.

PHED 133 - Kickboxing (1)

(formerly PE 196)

Provides basic fundamentals of Lethwei (Burmese Kickboxing). Basic principles, history, and styles and linguistics of the fighter will be covered. This course emphasizes safety for the student and the instructor. There will be no competitive fights or hard physical contact between students during this course. Mental and physical control as well as proper training etiquette will always be maintained.

1044 PHED133-1 F 11:00am - 1:00pm 2nd 7 1/2-week

Note: Class held at Bowerhouse Academy located at 7311 Grove Rd Suite D, Frederick, MD 21704.

Additional \$65 fee paid at site on first day of class. Use of gym facilities for duration of this course is included as well as a t-shirt, new pair of boxing gloves, and boxing hand wraps.

PHED 135 - Social Dance I (1)

(formerly PE 187)

Provides instruction in the basic partner dance forms including such dances as the waltz, swing, two-step, cha-cha, polka and fox-trot. Other contemporary dances may be included.

1915 PHED135-1 F 5:00pm - 7:00pm 1st 7 1/2-week

Note: Class will be held at Ballroom Dance in Frederick. In addition to Friday classes, two Saturday evening, and two Tuesday evening practice parties are required, both held at Ballroom Dance in Frederick. There is no additional charge for the practice parties.

PHED 136 - Social Dance II (1)

Prerequisite: PHED 135 or PE 187 or permission of instructor

(formerly PE 193)

Social Dance II builds on the dance rhythms learned in Social Dance. The patterns to be learned will incorporate the body mechanics and technique that enable creation of body swing in the Waltz, and smoothness and polish in all the dances: Fox Trot, Swing, Cha-Cha, Rumba and Tango.

2200 PHED136-1 F 5:00pm - 7:00pm 2nd 7 1/2-week

PHED 138 - Tai Chi (1)

(formerly PE 195)

Tai Chi is an unique and traditional Chinese exercise. The benefits of practice include strengthening health, preventing illness, and slowing the effects of aging. The class is designed to provide students with a basic knowledge and history of Tai Chi, and to provide an opportunity to learn and master Tai Chi skills.

1043 PHED138-1 TTH 2:00pm - 3:15pm 3rd 5-week

PHED 140C - Fitness: Zumba (1)

(formerly PE 198C)

Zumba Fitness is a Latin-inspired, high-energy, cardio-dance workout that uses music and various easy-to-follow choreographed steps. Along with music styles such as Latin, Hip-Hop, Jazz, Pop, and other genres, Zumba incorporates interval training, alternating fast and slow rhythms, and resistance training.

1045 PHED140C-1 TTH 12:30pm - 1:45pm 1st 7 1/2-week

PHED 143 - Pilates (1)

(formerly PE 190)

Introduces the history of Pilates and describes the physiological basis of exercises that promote core body strength. Includes demonstration and active student participation of Pilates movements.

1042 PHED143-1 TTH 9:30am - 10:45am 2nd 7 1/2-week

PHED 145 - Body Mechanics (1)

(formerly PE 108)

Examines the application of physical laws to the human body at rest or in motion, including concepts of effective, efficient and aesthetic postures, both static and dynamic. Emphasizes joint motions, care of the back and components of fitness including body compositions, flexibility, strength, muscular endurance and cardiovascular endurance.

2036 PHED145-1 M 5:00pm - 7:30pm 1st 7 1/2-week

PHED 148 - Exercise Psychology (1)

(formerly PE 237)

Introduces the psychological factors that affect exercise participation and performance.

2193 PHED148-1 M 2:30pm - 4:30pm 1st 7 1/2-week

1046 PHED148-ONL1 📺 ONLINE 2nd 7 1/2-week

PHED 150 - Methods of Strength Training (1)

(formerly PE 247)

Designed for those who will be assisting others in a training program emphasizing muscular fitness. Emphasizes teaching methodologies employed in training programs that focus on muscular fitness. Students will apply teaching methodologies as they practice training with individuals or small groups.

1048 PHED150-1 TTH 11:00am - 12:15pm 1st 7 1/2-week

PHED 152 - Methods of Fitness and Conditioning (1)

(formerly PE 241)

Designed for those who will be assisting others with exercise. Integrates fitness research and application, and emphasizes teaching methodologies employed in training programs that focus on group exercise. Students will apply teaching methodologies through individual and group training.

1047	PHED152-1	TTH	11:00am - 12:15pm	2nd 7 1/2-week
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PHED 155 - Advanced Tai Chi - Cultural Perspective (3)

Cultural Competence

(formerly HE 130)

Introduces the traditional Chinese meditative exercise known as Tai Chi. While participating in the low intensity physical skills that comprise Tai Chi, students will be introduced to the culture, philosophy, history, and practice of the exercise.

1912	PHED155-1	MW	2:00pm - 3:15pm	13-week
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PHED 160 - Psychology of Sport (3)

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75

(formerly PE 161)

Explores personality factors, including but not limited to, motivation, aggression, and emotion, as they affect sport performance as well as the mental techniques used to enhance performance.

1913	PHED160-1	TTH	12:30pm - 1:45pm	15-week
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Note: Offered in the Fall semester only.


PHED 165 - Fitness for Living (3)

Gen Ed Wellness

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75

(formerly PE 154)

Covers the components of physical fitness, stress, care of the back, nutrition and weight control. Evaluations in all areas included through laboratory experiences.

1029	PHED165-1	MW	11:00am - 12:15pm	15-week
1030	PHED165-2	MW	12:30pm - 1:45pm	15-week
1031	PHED165-3	TTH	9:30am - 10:45am	15-week
1032	PHED165-4	TTH	11:00am - 12:15pm	15-week
2201	PHED165-ONL1		ONLINE	15-week

PHED 170 - Introduction to Health and Exercise Sciences (3)

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75

(formerly PE 153)

Provides an orientation to the profession including the relationship of physical education to education, current trends and practices, career opportunities, and areas of research. Theory course for physical education majors.

1028	PHED170-1	TTH	12:30pm - 1:45pm	15-week
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Note: Offered in the fall semester only.

PHED 180 - Care and Prevention of Athletic Injuries (3)

Prerequisite or Co-requisite: ENGL 75 or ESOL 72

(formerly PE 250)

Introduces the basic principles for care and prevention of athletic injuries. Emphasis will be placed on scientific applications for recognition, diagnosis, classification, treatment and rehabilitation of body.

1049	PHED180-1	MW	9:30am - 10:45am	15-week
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PHED 185 - Yoga (3)

(formerly PE 188)

Provides a holistic approach to understanding some of the fundamental principles and philosophies of yoga while also providing a weekly experiential Hatha (physical) practice.

1039	PHED185-1	M	9:30am - 12:00pm	15-week
1040	PHED185-2	F	9:30am - 12:00pm	15-week
1916	PHED185-HYB1	T	6:00pm - 8:30pm	1st 7 1/2-week
1041	PHED185-HYB2	T	6:00pm - 8:30pm	2nd 7 1/2-week

PHIL: Philosophy

PHIL 101 - Introduction to Philosophy (3)

Gen Ed Humanities

Prerequisite: ENGL 70 OR Prerequisites or Co-requisites: ENGL 75 or (ESOL 72 and ESOL 73)

(formerly PH 101)

Surveys major questions addressed and arguments made by many of the great philosophers. Sample issues covered include: what is the nature of reality, what makes us human, does God exist, and why is there evil?

1242	PHIL101-1	MW	11:00am - 1:35pm	1st 7 1/2-week
1836	PHIL101-2	TTH	9:30am - 10:45am	15-week
1243	PHIL101-WE1	TTH	2:00pm - 3:15pm	13-week

Note: This web enhanced course requires completion of selected online assignments.

1837	PHIL101-ONL1		ONLINE	2nd 7 1/2-week
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PHIL 105 - Ethics (3)

Gen Ed Humanities

Prerequisite: ENGL 70 OR Prerequisites or Co-requisites: ENGL 75 or (ESOL 72 and ESOL 73)

(formerly PH 205)

Introduces the problems and possibilities of moral theory and ethical decision making. Explores the application of these theories to specific moral issues such as abortion and euthanasia.

1247	PHIL105-1	TTH	12:30pm - 2:05pm	1st 7 1/2-week
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PHIL 206 - Symbolic Logic (3)

Gen Ed Humanities

Prerequisite or Co-requisite: ENGL 101

(formerly PH 206)

Utilizes critical thinking skills to derive logical conclusions through the use of symbolic logic principles. Students will learn the basic structures of logical argumentation. Logic can enhance your study of computer programming, math, science, and law.

1248	PHIL206-1	TTH	11:00am - 12:15pm	15-week
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PHIL 207 - Biomedical Ethics (3)

Gen Ed Humanities

Prerequisite or Co-requisite: ENGL 101

(formerly PH 207)

Explores ethical theories and principles specifically applied to issues of healthcare, death and dying, genetics, and scientific inquiry.

1838	PSYC101-HYB1	W	12:30pm - 1:45pm	15-week
2086	PHIL207-ONL1		ONLINE	15-week

PHIL 208 - Business Ethics (3)

Gen Ed Humanities

Prerequisite or Co-requisite: ENGL 101

(formerly PH 208)

Explores the application of ethical theories and principles to specific situations addressed in the fields of business, advertising, marketing, and economics.

1249	PHIL208-1	MW	6:00pm - 8:35pm	1st 7 1/2-week
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PHIL 209 - Environmental Ethics (3)

Prerequisite or Co-requisite: ENGL 101

(formerly PH 209)

Explores the relationship between humans and the nonhuman environment, and guides students in thinking more clearly, insightfully, and effectively about that relationship. Texts from a variety of philosophic traditions are explored in the context of the most pressing ethical, political, and legal issues concerning our treatment of the environment.

2212	PHIL209-1	TTH	12:30pm - 1:45pm	15-week
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PHSC: Physical Science

PHSC 101 - Survey of Physical Science (3)

Gen Ed Science

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101/MATH 101A or MA103/MA103A or MATH 110 or MA 105 or MATH 120/MATH 120A or MA206/MA206A or MATH 127 or MA 207 or appropriate score on mathematics placement test)
(formerly PC 103)

Covers selected aspects of earth science, physics, chemistry, and the quantitative relationships involved in the behavior of matter. Uses simple experiments to introduce scientific topics as needed. Restricted to non-science majors. Students cannot receive credit for both (PHSC 101 or PC 103) and (PHSC 111 or PC 114).

1538 PHSC101-1	MW	8:00am - 9:15am	15-week
2167 PHSC101-HYB1	T	6:00pm - 7:25pm	1st 7 1/2-week
1539 PHSC101-WE1	TTH	12:30pm - 1:45pm	13-week

Note: This web enhanced course requires completion of selected online assignments.

PHSC 104 - Survey of Oceanography (3)

Gen Ed Science

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101/MATH 101A or MA103/MA103A or MATH 110 or MA 105 or MATH 120/MATH 120A or MA206/MA206A or MATH 127 or MA 207 or appropriate score on mathematics placement test)
(formerly PC 104)

Presents a study of the ocean as a dynamic and changing entity. Emphasizes connections among disciplines in and outside the areas of science. Provides a basic understanding of scientific questions, complexities and uncertainties involved with the study and use of oceans.

1540 PHSC104-ONL1		ONLINE	15-week
2075 PHSC104-ONL2		ONLINE	2nd 7 1/2-week

PHSC 104H - Survey of Oceanography (3)

Gen Ed Science

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101/MATH 101A or MA103/MA103A or MATH 110 or MA 105 or MATH 120/MATH 120A or MA206/MA206A or MATH 127 or MA 207 or appropriate score on mathematics placement test)
(formerly PC 104)

Presents a study of the ocean as a dynamic and changing entity. Emphasizes connections among disciplines in and outside the areas of science. Provides a basic understanding of scientific questions, complexities and uncertainties involved with the study and use of oceans.

2153 PHSC104H-1	MW	9:30am - 10:45am	15-week
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PHSC 105 - Survey of Meteorology (3)

Gen Ed Science

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101/MATH 101A or MA103/MA103A or MATH 110 or MA 105 or MATH 120/MATH 120A or MA206/MA206A or MATH 127 or MA 207 or appropriate score on mathematics placement test)
(formerly PC 105)

Surveys the basic physics of the atmosphere and the diagnostic tools of the meteorologist. Includes some discussion of applied meteorology, forecasting, pollution, and climatology. Students cannot receive credit for both (PHSC 105 or PC 105) and (PHSC 115 or PC 106).

1541 PHSC105-WE1	TTH	8:00am - 9:15am	13-week
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Note: This web enhanced course requires completion of selected online assignments.

PHSC 111 - Introduction to Physical Science (4)

Gen Ed Science

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101/MATH 101A or MA103/MA103A or MATH 110 or MA 105 or MATH 120/MATH 120A or MA206/MA206A or MATH 127 or MA 207 or appropriate score on mathematics placement test)
(formerly PC 114)

Introduces the fundamental concepts of physics and chemistry with an emphasis on matter, motion, and energy. An inquiry-based, activities-oriented approach is used that emphasizes both conceptual and quantitative understandings of the physical world. Meets the requirement of a general education science lab course. Students cannot receive credit for both (PHSC 111 or PC 114) and (PHSC 101 or PC 103).

1549 PHSC111-1LC	T	9:30am - 12:05pm	15-week
1550 PHSC111-11LB	TH	9:30am - 12:00pm	15-week
1881 PHSC111-2LC	M	5:30pm - 8:05pm	15-week
1882 PHSC111-21LB	W	5:30pm - 8:00pm	15-week

Note: Students must register for corresponding lecture (LC) and lab (LB).

PHSC 112 - Introduction to Earth Systems Science (4)


Gen Ed Science

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 81 or MA 83 or MA 85 or MATH 101/MATH 101A or MA 103/MA 103A or MATH 110 or MA 105 or MATH 120/MATH 120A or MA 206/MA 206A or MATH 127 or MA 207 or appropriate score on mathematics placement test)
(formerly PC 115)

Presents an overview of the solid, fluid, and living parts of the Earth system with an emphasis on how those parts are interconnected and ever changing. An inquiry-based, activities-oriented approach is used in the course. Meets the requirement for a general education science lab course.

1551 PHSC112-1LC	M	12:30pm - 3:05pm	15-week
1552 PHSC112-11LB	W	12:30pm - 3:00pm	15-week

Note: Students must register for corresponding lecture (LC) and lab (LB).

2238 PHSC112-ONL1		ONLINE	15-week
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PHSC 115 - Introduction to Meteorology (4)

Gen Ed Science

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101/MATH 101A or MA103/MA103A or MATH 110 or MA 105 or MATH 120/MATH 120A or MA206/MA206A or MATH 127 or MA 207 or appropriate score on mathematics placement test)
(formerly PC 106)

Surveys the basic physics of the atmosphere and the diagnostic tools of the meteorologist. Includes some discussion of applied meteorology, forecasting, pollution, and climatology. Meets the requirement for a general education science lab course. Students cannot receive credit for both (PHSC 115 or PC 106) and (PHSC 105 or PC 105).

1542 PHSC115-ONL1		ONLINE	15-week
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PHSC 117 - Introduction to Astronomy (4)

Gen Ed Science

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101/MATH 101A or MA103/MA103A or MATH 110 or MA 105 or MATH 120/MATH 120A or MA206/MA206A or MATH 127 or MA 207 or appropriate score on mathematics placement test)
(formerly PC 107)

Presents a survey of astronomy that includes a study of the physical nature of the universe, the solar system, stars, nebulae, and galaxies. Meets the requirement for a general education science lab course.

1543 PHSC117-1LC	M	12:30pm - 3:05pm	15-week	
1544 PHSC117-11LB	W	12:30pm - 3:00pm	15-week	
1545 PHSC117-2LC	T	6:00pm - 8:35pm	15-week	
1546 PHSC117-21LB	TH	6:00pm - 8:30pm	15-week	

Note: Students must register for corresponding lecture (LC) and lab (LB).

 *Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.*

PHSC 121 - Physical Geology (4)

Gen Ed Science

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101/MATH 101A or MA103/MA103A or MATH 110 or MA 105 or MATH 120/MATH 120A or MA206/MA206A or MATH 127 or MA 207 or appropriate score on mathematics placement test)
(formerly PC 109)

Introduces the physical and chemical processes that occur along the surface of the earth and within the earth's interior. Topics include plate tectonics, earthquakes, volcanoes, rocks and minerals, geologic maps, and the origin and continual modification of surface features. Meets the requirement for a general education science lab course.

1547 PHSC121-1LC	M	9:30am - 12:05pm	15-week
1548 PHSC121-11LB	W	9:30am - 12:00pm	15-week

Note: Students must register for corresponding lecture (LC) and lab (LB).

Physical Science Notes:

PHSC 109 - Energy and Society offered spring semester only.

PHSC 121 - Physical Geology offered fall semester only.

PHSC 122 - Historical Geology offered spring semester only.

PHYS: Physics

PHYS 121 - Fundamentals of Physics I (4)

Gen Ed Science

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) and {(MATH 165 or MA 111) or [(MATH 145 or MATH 145S or MA 130 or MA 130S) and MA 131]}
(formerly PY 201)

Presents the first of a two-course introductory sequence to physics using algebra and trigonometry. Topics include Newtonian mechanics, rotational motion, fluids, oscillations, and waves.

1553 PHYS121-1LC	T	5:30pm - 8:05pm	15-week	\$
1554 PHYS121-11LB	TH	5:30pm - 8:00pm	15-week	\$

Note: Students must register for corresponding lecture (LC) and lab (LB).

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

PHYS 151 - General Physics I (4)

Gen Ed Science

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) and (MATH 185 or MA 210)
(formerly PY 203)

Presents the first of a three-course introductory sequence to physics using calculus. Topics include Newtonian mechanics, work and energy, gravitation, fluids, oscillations, waves, and sound.

1555 PHYS151-1LC	T	12:30pm - 3:05pm	15-week	\$
1556 PHYS151-11LB	TH	12:30pm - 3:00pm	15-week	\$
1557 PHYS151-2LC	M	5:30pm - 8:05pm	15-week	\$
1558 PHYS151-21LB	W	5:30pm - 8:00pm	15-week	\$

Note: Students must register for corresponding lecture (LC) and lab (LB).

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

PHYS 252 - General Physics II (4)

Gen Ed Science

Prerequisites: (PHYS 151 or PY 203) and (MATH 195 or MA 211)
(formerly PY 204)

Presents the second of a three-course introductory sequence to physics using calculus. Topics include thermodynamics, and electricity and magnetism.

1559 PHYS252-1LC	M	9:30am - 12:05pm	15-week	\$
1560 PHYS252-11LB	W	9:30am - 12:00pm	15-week	\$

Note: Students must register for corresponding lecture (LC) and lab (LB).

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

Physics Notes:

PHYS 121 - Fundamentals of Physics offered fall semester only.

PHYS 122 - Fundamentals of Physics offered spring semester only.

PLAC: Prior Learning Assessment Course

PLAC 101 - Prior Learning Assessment: Portfolio Development (1)

Prerequisite: ENGL 101

Examines and applies college-level learning gained from life experiences that align with specific courses offered by the college and are related to their educational goals. Students will document experiential learning through the assembling of various components into a portfolio, demonstrating an understanding of the portfolio development process of collecting, selecting, reflecting, and projecting. The Prior Learning Assessment (PLA) portfolio development course provides a series of structured activities and strategic approaches for students to prepare petitions to submit portfolios for credit from prior learning.

2128 PLAC101-ONL1		ONLINE	13-week
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POSC: Political Science

POSC 104 - American Government (3)

Gen Ed Political Science

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly PI 104)

Covers basic principles of the national government: structures, powers and operations of the Congress, the Presidency, and the Judiciary; citizenship; elections; political parties; and interest groups.

1761 POSC104-1	TTH	12:30pm - 1:45pm	15-week
2226 POSC104-2	M	6:00pm - 8:30pm	15-week
1763 POSC104-ONL1		ONLINE	15-week



No/Low Cost Textbooks: At FCC, this symbol indicates specific course sections in which textbooks are available for less than \$40. These sections require regular access to the Internet as most of the resources are in a digital format. Note that certain no/low cost textbook courses (e.g., science labs, art studio classes) have textbooks available for less than \$40 but may require purchase of additional course materials and supplies.

PSYC: Psychology

PSYC 101 - General Psychology (3)

Gen Ed Psychology

*Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly PS 101)*

Emphasizes the major factors that influence human behavior, including behavioral neuroscience, perceptual processes, consciousness, intelligence, personality and psychological disorders.

1764 PSYC101-1	MW	8:00am - 9:15am	15-week	\$
1952 PSYC101-2	MW	8:00am - 9:15am	15-week	
1765 PSYC101-3	MW	9:30am - 10:45am	15-week	
1766 PSYC101-4	MW	11:00am - 12:15pm	15-week	
1768 PSYC101-5	MW	2:00pm - 3:15pm	15-week	
2013 PSYC101-6	MW	3:30pm - 4:45pm	15-week	
1769 PSYC101-7	TTH	8:00am - 9:15am	15-week	
1770 PSYC101-8	TTH	9:30am - 10:45am	15-week	
1771 PSYC101-9	TTH	11:00am - 12:15pm	15-week	
1772 PSYC101-10	TTH	12:30pm - 1:45pm	15-week	
1773 PSYC101-11	TTH	2:00pm - 3:15pm	15-week	
1774 PSYC101-12	TTH	3:30pm - 6:00pm	2nd 7 1/2-week	
1775 PSYC101-13	F	8:00am - 10:35am	15-week	
1776 PSYC101-14	W	6:00pm - 8:30pm	15-week	
2172 PSYC101-15	W	6:00pm - 7:15pm	1st 7 1/2-week	
2059 PSYC101-HYB1	M	6:00pm - 7:15pm	1st 7 1/2-week	
1767 PSYC101-WE1	MW	12:30pm - 1:45pm	13-week	
2014 PSYC101-WE2	TTH	11:00am - 12:15pm	13-week	

Note: This web enhanced course requires completion of selected online assignments.

1777 PSYC101-ONL1		ONLINE	15-week	
1778 PSYC101-ONL2		ONLINE	15-week	
1786 PSYC101-ONL3		ONLINE	2nd 7 1/2-week	

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

PSYC 101H - General Psychology (3)

Gen Ed Psychology

*Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly PS 101)*

Emphasizes the major factors that influence human behavior, including behavioral neuroscience, perceptual processes, consciousness, intelligence, personality and psychological disorders


1832 PSYC101H-1	MW	11:00am - 12:15pm	15-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

PSYC 104 - Issues of Drug/Alcohol Use (3)

*Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly PS 104)*

Presents a comprehensive study of the use of legal and illegal drugs; an analysis of the addictive and recovery process for individuals and families; a study of treatment modalities and 12-step groups; a study of the physiological and legal consequences of substance use and abuse.


1779 PSYC104-ONL1		ONLINE	13-week	
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PSYC 202 - Social Psychology (3)

Gen Ed Psychology

*Prerequisite: ENGL 101
(formerly PS 202)*

Explores the effects of the social environment upon the human organism through the study of interpersonal relationships, and the social influences on cognitive processes such as social perception, attribution, persuasion, prejudice and discrimination, aggression, prosocial behavior and group interaction.

1780 PSYC202-1	MW	9:30am - 10:45am	15-week	
1781 PSYC202-2	TTH	2:00pm - 3:15pm	15-week	
1782 PSYC202-ONL1		ONLINE	13-week	

PSYC 204 - Psychology of Adolescence (3)

*Prerequisite: ENGL 101 and PSYC 101
(formerly PS 204)*


Explores physiological, psychological and social dilemmas of the adolescent. Considers relevant contemporary research and behavioral determinants.

1783 PSYC204-1	TTH	11:00am - 12:15pm	15-week	
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PSYC 206 - Abnormal Psychology (3)

*Prerequisite: PSYC 101; Prerequisite or Co-requisite: ENGL 101
(formerly PS 206)*

Explores the nature, etiology, diagnosis, prognosis, treatment and possible prevention of the major classifications of psychological disorders including anxiety, mood, eating, substance-related, schizophrenic, dissociative, personality and childhood disorders.

1951 PSYC206-1	MW	11:00am - 12:15pm	15-week	
1784 PSYC206-2	TTH	12:30pm - 1:45pm	15-week	
1785 PSYC206-ONL1		ONLINE	13-week	

RESP: Respiratory Care

RESP 100 - Introduction to Respiratory Care (2)

*Prerequisite: BSCI 201 or BI 103
(formerly RC 100)*

Introduces respiratory care as a profession, including the healthcare environment and the respiratory care practitioner's role on the healthcare team. Specific topics include the holistic concept of patient care, psychosocial issues with particular attention to death and dying, medicolegal and ethical considerations of respiratory care, and professional interpersonal relationships. Topics also include medical terminology, infection control techniques, and physical assessment methods.

1050 RESP100-1	M	10:40am - 12:20pm	15-week	
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RESP 101 - Gas Exchange Physiology (2)

*Prerequisite: BSCI 201 or BI 103
(formerly RC 104)*

Focuses on the structure and function of the lung as related to gas exchange, diffusion, perfusion and ventilation-perfusion relationships. Emphasizes oxygen and carbon dioxide transport abnormalities in the gas exchange mechanisms. This will lead to and be integrated with clinical applications and interpretations of arterial blood-gas analysis.

1054 RESP101-1	T	8:00am - 9:40am	15-week	
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RESP 102 - Fundamentals of Respiratory Care (4)

*Prerequisite: BSCI 201 or BI 103
(formerly RC 102)*

Introduces basic respiratory care modalities, including medical gas therapy, aerosol and humidity therapy, hyperinflation therapy, and bronchial hygiene therapy. Laboratory portion of the course provides practical experience performing procedures presented in the didactic portion of the course in a controlled laboratory setting.

1051 RESP102-11C	M	8:00am - 10:30am	15-week	
1052 RESP102-11LB	T	10:00am - 11:25am	15-week	
1053 RESP102-12LB	T	11:30am - 1:00pm	15-week	

Note: Students must register for corresponding lecture (LC) and lab (LB).

RESP 200 - Pulmonary Diagnostics (2)

*Prerequisite: RESP 110
(formerly RC 206)*

Includes a detailed analysis of all major parameters of ventilatory measurement as well as diagnostic significance of deviations from predicted normal values.

1061 RESP200-1	M	8:00am - 9:40am	15-week	
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RESP 201 - Cardiac Monitoring and Diagnostics (4)

Prerequisite: RESP 110
(formerly RC 204)

Presents the theory, equipment, and techniques involved in cardiac monitoring. Recognition of normal values and normal waveforms will be emphasized as a reference for identifying abnormal and life threatening changes. Students must satisfactorily complete competency tests, including EKG monitoring and assembly of fluid filled monitoring systems.

1058	RESP201-1LC	M	10:00am - 12:30pm	15-week
1059	RESP201-11LB	M	1:00pm - 2:25pm	15-week
1060	RESP201-12LB	M	2:30pm - 4:00pm	15-week

Note: Students must register for corresponding lecture (LC) and lab (LB).

RESP 202 - Neonatal and Pediatric Respiratory Care (3)

Prerequisite: RESP 110
(formerly RC 202)

Provides an in-depth perspective of pediatric and neonatal respiratory care. Includes high-risk deliveries, abnormalities and diseases, and the interventions used. Discusses mechanical ventilation for the neonatal and pediatric patient. Students must satisfactorily complete competency tests on the operation of neonatal and pediatric ventilators.

1055	RESP202-1LC	W	8:00am - 9:40am	15-week
1056	RESP202-11LB	W	10:00am - 11:30am	15-week
1057	RESP202-12LB	W	11:45am - 1:15pm	15-week

Note: Students must register for corresponding lecture (LC) and lab (LB).

RESP 203 - Clinical Practicum III (2)

Prerequisite: RESP 110
(formerly RC 208)

Develops advanced skills in the critical care environment regarding management of the patient dependent upon mechanical ventilation. Practical experiences gained in hemodynamic monitoring.

1062	RESP203-1	TTH	7:00am - 2:00pm	15-week
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Note: Held at hospital

RUSS: World Languages: Russian

RUSS 101 - Introductory Russian I (3)

Gen Ed Humanities
(formerly LR 101)

Introduces the fundamentals of the Russian written and spoken language. Develops oral and reading skills in the language and competence in answering basic questions. Through the reading of lifelike dialogues, students gain insight into Russian culture, thought, and expression.

1171	RUSS101-1	MW	5:30pm - 6:45pm	15-week
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Note: Introductory level language courses are not open to native or fluent speakers of the target language. These are beginning language courses. Students with prior language knowledge should discuss placement with the World Languages Program Manager.



No/Low Cost Textbooks: At FCC, this symbol indicates specific course sections in which textbooks are available for less than \$40. These sections require regular access to the Internet as most of the resources are in a digital format. Note that certain no/low cost textbook courses (e.g., science labs, art studio classes) have textbooks available for less than \$40 but may require purchase of additional course materials and supplies.

SOCY: Sociology

SOCY 101 - Introduction to Sociology (3)

Gen Ed Sociology

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly SO 101)

Introduces the student to the study of society and the impact of society upon the individual. Exemplifies social processes in cultural patterns and institutions. Examines group values at various levels of human relationship.

1787	SOCY101-1	MW	9:30am - 10:45am	15-week
1789	SOCY101-2	MW	12:30pm - 1:45pm	15-week
1790	SOCY101-3	MW	2:00pm - 3:15pm	15-week
1791	SOCY101-4	TTH	8:00am - 9:15am	15-week
2061	SOCY101-5	TTH	9:30am - 10:45am	15-week
1792	SOCY101-6	TTH	11:00am - 12:15pm	15-week
1793	SOCY101-7	TTH	12:30pm - 1:45pm	15-week
2062	SOCY101-8	TTH	2:00pm - 3:15pm	15-week
1794	SOCY101-9	F	8:00am - 10:35am	15-week
1802	SOCY101-10	W	6:00pm - 8:35pm	15-week
2170	SOCY101-11	W	6:00pm - 7:15pm	2nd 7 1/2-week
2060	SOCY101-HYB1	W	6:00pm - 7:15pm	2nd 7 1/2-week
1788	SOCY101-WE1	MW	11:00am - 12:15pm	13-week
1795	SOCY101-WE2	T	6:00pm - 8:30pm	13-week

Note: This web enhanced course requires completion of selected online assignments.

1796	SOCY101-ONL1		ONLINE	15-week
1797	SOCY101-ONL2		ONLINE	15-week
1803	SOCY101-ONL3		ONLINE	13-week

SOCY 102 - Social Problems (3)

Gen Ed Sociology; Cultural Competence

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly SO 102)

Offers the study of community problems and sociological processes involved in the analysis of universal and local sociological phenomena.

1799	SOCY102-1	MW	9:30am - 10:45am	15-week
1833	SOCY102-2	MW	2:00pm - 3:15pm	15-week
2017	SOCY102-3	TTH	8:00am - 9:15am	15-week
1798	SOCY102-4	TTH	12:30pm - 1:45pm	15-week
2058	SOCY102-ONL1		ONLINE	15-week

SOCY 201 - Criminology (3)

Prerequisite: ENGL 101 or SOCY 101
(formerly SO 201)

Explores criminal behavior and the methods of its study, causation, types of criminal acts and offenders, punishment, correction and incarceration and prevention of crime.

1800	SOCY201-1	TTH	2:00pm - 3:15pm	15-week
1801	SOCY201-ONL1		ONLINE	15-week

SOCY 210 - Ethnic Diversity (3)

Gen Ed Sociology; Cultural Competence

Prerequisite or Co-requisite: ENGL 101 or SOCY 101
(formerly SO 210)

A survey of the status and treatment of ethnic groups in the United States; patterns of dominant and subordinate relations, prejudice and discrimination; historical and current problems, demographic and social background, political and social policies.

1759	SOCY210-ONL1		ONLINE	15-week
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SOCY 212 - Gender and Society (3)

Gen Ed Sociology; Cultural Competence

Prerequisite: ENGL 101 or SOCY 101

(formerly SO 212)

Introduces the scientific study of women as a multicultural group. Reviews material from the fields of psychology, sociology, anthropology, and medicine as it related to women. Particular effort will be made to address the experiences of women of varied races, ethnic groups, classes, national origins, and sexual orientations so that the whole concept of gender may be broadened to take these different experiences and different concerns into account.

1846 SOCY212-1	MW	11:00am - 12:15pm	15-week
2171 SOCY212-2	T	7:45pm - 9:00pm	15-week

SPAN: World Languages: Spanish

SPAN 101 - Introductory Spanish I (3)

Gen Ed Humanities

(formerly LS 101)

Introduces the fundamentals of Spanish grammar and vocabulary. Develops oral and reading skills in the language and competence in answering basic questions. Through the reading of lifelike dialogues, students gain insight into Spanish culture, thought, and expression.

1172 SPAN101-1	MW	9:30am - 10:45am	15-week
1173 SPAN101-2	MW	11:00am - 12:15pm	15-week
1810 SPAN101-3	MW	2:00pm - 3:15pm	15-week
1174 SPAN101-WE1	TTH	11:00am - 12:15pm	13-week

This web enhanced course requires completion of selected online assignments.

1175 SPAN101-4	TTH	12:30pm - 1:45pm	15-week
1809 SPAN101-5	T	6:00pm - 8:35pm	15-week
1176 SPAN101-ONL1	📶	ONLINE	15-week

Note: Introductory level language courses are not open to native or fluent speakers of the target language. These are beginning language courses. Students with prior language knowledge should discuss placement with the World Languages Program Manager.

SPAN 102 - Introductory Spanish II (3)

Gen Ed Humanities

Prerequisite: SPAN 101 or permission of program manager

(formerly LS 102)

Continues to build upon the structures learned in SPAN 101. Students will improve fluency as they learn new grammar and vocabulary. Through the reading of lifelike dialogues, students gain insight into Spanish culture, thought, and expression.

1177 SPAN102-1	MW	11:00am - 12:15pm	15-week
1956 SPAN102-ONL1	📶	ONLINE	15-week

SPAN 201 - Intermediate Spanish I (3)

Gen Ed Humanities; Cultural Competence

Prerequisite: SPAN 102

(formerly LS 201)

Presents advanced grammar and composition with selected readings pertinent to the intermediate level. Group discussions in Spanish and increased emphasis on reading, writing, and intercultural competence.

1178 SPAN201-1	TTH	12:30pm - 1:45pm	15-week
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SPAN 211 - Spanish Conversation I (3)

Gen Ed Humanities

Prerequisite: SPAN 102 or permission of program manager

(formerly LS 211)

Develops oral fluency and language skills through interpretation and discussion of select readings, videos, songs and cultural experiences.

1179 SPAN211-1	TTH	2:00pm - 3:15pm	15-week
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SURG: Surgical Technology

SURG 120 - Surgery Essentials (3)

Prerequisites: (MEDA 108 or MEDA 109) and (BSCI 202 or BI 104)

(formerly ST 120)

Provides an introduction to the surgical environment and the essential skills required of a surgical technologist. Emphasizes the fundamental concepts of sterile technique, critical thinking, and professionalism. Application and demonstration of essential surgical technology skills and concepts are required to advance in the program.

1063 SURG120-1LC	SAT	8:00am - 12:00pm	1st 5-week
	T	12:00pm - 7:00pm	1st 5-week

Note: Additional fee: \$425; An additional fee of \$425 will be collected at Registration to cover the cost of lab supplies; Students must register for the lecture (1LC) and choose one of the following labs: 11LB, 12LB, or 13LB.

2096 SURG120-11LB	WTH	10:00am - 1:00pm	1st 5-week
2097 SURG120-12LB	WTH	2:00pm - 5:00pm	1st 5-week
2202 SURG120-13LB	SAT	12:00pm - 3:00pm	1st 5-week
	W	5:00pm - 8:00pm	1st 5-week

SURG 125 - Fundamentals of Surgical Technology I (6)

Prerequisite: SURG 120

(formerly ST 100)

Develops concepts, skills, and attitudes required by students to perform as members of a surgical team. Simulated practice time in the on-campus lab and didactic instruction prepare the student for the clinical practicum component of this course. Evidence of competence is essential in sterile technique and basic skills.

1065 SURG125-1LC	SAT	8:00am - 12:00pm	2nd 10-week
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Note: Additional fee: \$100; An additional fee of \$100 will be collected at Registration to cover the cost of drug testing and fingerprinting., Students must register for SURG125-1LC (lecture), SURG125-11LB (lab), and one of the following additional labs: SURG125-12LB, SURG125-13LB, or SURG125-14LB.

1066 SURG125-11LB	WTHF	6:45am - 3:00pm	2nd 10-week
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Note: SURG125-11LB held at hospital

1067 SURG125-12LB	WTH	10:00am - 1:00pm	2nd 10-week
2098 SURG125-13LB	WTH	2:00pm - 5:00pm	2nd 10-week
2099 SURG125-14LB	SAT	12:00pm - 3:00pm	2nd 10-week
	W	5:00pm - 8:00pm	2nd 10-week

SURG 130 - Introduction to Surgical Technology (6)

Cultural Competence

(formerly ST 101)

Provides an overview of the functions of the surgical technologist in the perioperative environment. Integrates the fundamental principles and protocols of microbiology, sterile technique, pharmacology, medication calculations, anesthesia, ethical and legal considerations, mindfulness, cultural competence and inclusion, patient care concepts, all-hazards preparation, and teamwork.

1068 SURG130-1LC	T	12:00pm - 7:00pm	2nd 10-week
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SURG 135 - Fundamentals of Surgical Technology II (5)

Prerequisite: SURG 125 or ST 100

(formerly ST 105)

Develops fundamental surgical technology principles, practices, and protocols. Proficiency to be demonstrated in sterile and nonsterile roles during the perioperative phases of invasive diagnostic and surgical procedures.

2245 SURG135-1LC	M	9:00am - 2:00pm	1st 5-week
2244 SURG135-11LB	WTHF	6:45am - 3:00pm	1st 5-week

Note: SURG135-11LB held at hospital; Students must register for the lecture (1LC) and lab (11LB).

SURG 200 - Fundamentals of Surgical Technology III (6)

Prerequisite: SURG 135 or ST 105

Provides theory and practice related to the dynamic role of the surgical technologist in the perioperative setting. Integrates professional communication, advancement in skill level, and critical thinking with participation in complex surgical procedures.

2203 SURG200-1LC M 9:00am - 2:00pm 2nd 5-week

2204 SURG200-11LB WTHF 6:45am - 3:00pm 2nd 5-week

Note: SURG200-11LB held at hospital; Students must register for the lecture (1LC) and lab (11LB).

SURG 205 - Fundamentals of Surgical Technology IV (6)

Prerequisite: SURG 135 or ST 105

Provides theory and practice related to the dynamic role of the surgical technologist in the perioperative setting. Emphasizes application of the fundamental principles, practices, and protocols for surgical technologists in complex procedures in preparation for employment in the field. Evidence of critical thinking, precise application of sterile technique, and professionalism is required. Prepares the student to sit for the national certification examination in surgical technology.

2205 SURG205-1LC WTH 9:00am - 12:00pm 11/20/19 - 12/12/19

2206 SURG205-11LB WTHF 6:45am - 3:00pm 11/6/19 - 11/15/19

Note: SURG205-11LB held at hospital; Students must register for the lecture (1LC) and lab (11LB).

THEA: Theater

THEA 101 - Introduction to Theatre (3)

Gen Ed Arts

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75 (formerly THR 101)

Introduces the history of drama and the theatre through reading, viewing and discussing plays.

1251 THEA101-1 TTH 11:00am - 12:15pm 15-week

THEA 102 - Introduction to Acting (3)

(formerly THR 102)

Offers a basic study of acting, through both a historical perspective and in-depth exercises.

1252 THEA102-1 MW 11:00am - 12:15pm 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

THEA 107 - Improvisation I (3)

(formerly THR 107)

Provides students with a basic overview of modern improvisation techniques. Emphasis will be placed on techniques used to build confidence, creativity, critical thinking, and learn team building skills. Course offers an introduction of improvisation as a tool for professional auditions and performances.

1253 THEA107-1C TTH 2:00pm - 3:15pm 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

THEA 121 - Stagecraft (3)

(formerly THR 121)

Explores all technical aspects of play production, with emphasis on set construction, scene painting, properties and stage lighting. Provides laboratory experience in conjunction with campus theater productions.

1254 THEA121-1 T 3:30pm - 6:05pm 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

THEA 204 - Production Survey (1)

Prerequisite: Permission of instructor

(formerly THR 204)

Provides experience in a campus theater production as a member of the production crew. May be taken for credit three times.

1255 THEA204-1 TBA - 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

THEA 205 - Acting Survey (1)

Prerequisite: Permission of instructor

(formerly THR 205)

Provides experience in a campus theater production as a member of the cast. May be taken for credit three times.

1256 THEA205-1 TBA - 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

THEA 207 - Improvisation II (3)

Prerequisite: THEA 107

(formerly THR 207)

Explores advanced improvisation techniques for public presentation. Emphasis will be placed on advanced techniques used to build confidence, creativity, critical thinking, and learn team building skills. The class offers an in-depth exploration of improvisation as a tool for professional auditions, performance, and character building.

1257 THEA207-1C TTH 2:00pm - 3:15pm 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

THEA 212 - Theatre Internship (3)

Prerequisite: Permission of instructor

(formerly THR 212)

Offers an intensive study of theatrical performance, including both acting and stagecraft assignments. Students prepare a theatrical production through an internship with a professional theatre company in production, performance, business, or design.

1258 THEA212-1 TBA - 15-week

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.



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ONLINE & HYBRID COURSES

Please read the following requirements before registering for an online or hybrid course.

Frederick Community College offers two types of courses over the Internet: hybrid courses and online courses. Hybrid courses require the student to attend some class sessions on campus; online courses do not. All online courses require one proctored assessment. Any course section with the letters "HYB" indicates a hybrid course. The mouse icon (🖱️) indicates online courses.

Both online and hybrid courses are taught on Blackboard™ and require that students:

- Have Internet access through broadband connection or Wi-Fi (wireless)
- Have access to a Windows, Mac, or Linux computer
- Have Windows 7 or higher, Mac OS X, or Linux with Ubuntu 14 or higher
- Have Internet Explorer 8 or higher, or the most recent version of Mozilla Firefox or Google Chrome, all with the most recent Java and Flash updates applied
- Establish a myFCC e-mail account;
- Have basic computer skills in word processing, e-mail procedures, web-browsing, and handling features such as pop-up blockers;
- Are responsible for maintaining appropriate security and virus protection when using the student's own personal computer(s).

Students should expect to spend as much time on an Internet course as they would on a traditional on-campus course. Students should be self-motivated to handle the independent nature of learning that occurs in online courses.

Access to Blackboard: <http://frederick.blackboard.com>

User name Wxxxxxxx (where xxxxxx is the seven digit student ID number); Password is the same as the PeopleSoft and e-mail password.

Textbooks

Purchase textbooks from the FCC Bookstore. Make sure you select books for the online section of the course as they may differ from textbooks used in on-campus sections. Some instructors require the corresponding access code for web resources.

Email Advising: emailadvising@frederick.edu

If you are unable to come on campus for advising services, Email Advising is available to all current FCC students using their <http://myFCC.frederick.edu> email accounts. Please provide your full name and Student ID number. Typical response time is 24-48 hours depending on the information requested.

Note: Students will need to contact the Distributed Learning office at 301.846.2401 for permission to register in an online section after the third day of courses.

Registration & Records is pleased to announce a convenient, expedited transcript service for current and former students. Through a partnership with Parchment, students can order their official transcripts online to be sent electronically or through the mail (USPS).

Need your transcript expedited?

Students ordering a transcript through Parchment pay \$5.00 for electronic delivery per transcript and \$7.50 for transcripts sent through the mail. Students can expect transcripts requested through Parchment to be processed within 24 hours.

https://exchange.parchment.com/send/adds/index.php?main_page=login&s_id=ShOqCalAHV0imfs5

Not in a hurry?

Current students (enrolled in the last 2 years) with a student ID number can request transcripts through their Student Self Service portal. Current students who request this type of transcript delivery can expect processing time of 3-5 business days. There is no charge for transcripts processed through the Student Self Service portal.

Any former students who wish to order transcripts directly from FCC may do so using a Transcript Request Form. Completed forms may be mailed, faxed, e-mailed or dropped off in person. Processing time is 3-5 business days. This does not include postal time for mail delivery. There is no charge for this type of transcript.

FALL 2019

ONLINE COURSES

Complete course descriptions and pre/corequisites are located in the main course section.

All course sections require access Blackboard at <https://frederick.blackboard.com>. Students are expected to be able to access Blackboard via the internet using personal, public, or appropriate College-available computers. Online coursework will be required for web-enhanced classes. Consult the course instructor regarding expectations for participation. Course websites may host learning resources including required reading and assessments. Blackboard access is also required to complete course evaluations. Google Chrome is the preferred browser. Students will need to contact the Distributed Learning Office at 301.846.2401 for permission to register in an online section after the third day of classes.

ACCT: Accounting

ACCT 101 - Principles of Accounting I (3)

1569 ACCT101-ONL1  ONLINE 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

ACCT 102 - Principles of Accounting II (3)

1573 ACCT102-ONL1  ONLINE 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

ANTH: Anthropology

ANTH 101 - Introduction to Anthropology (3)

1700 ANTH101-ONL1  ONLINE 13-week
1987 ANTH101-ONL2  ONLINE 2nd 7 1/2-week

ARTT: Art

ARTT 100 - Introduction to the Creative Arts (3)

1072 ARTT100-ONL1  ONLINE 15-week
2251 ARTT100-ONL2  ONLINE 2nd 7 1/2-week

ARTT 104 - The History of Art: Prehistoric to Early Renaissance (3)

1079 ARTT104-ONL1  ONLINE 13-week \$


\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

BIOT: Biotechnology


BIOT 102 - Introduction to Biotechnology (3)

1497 BIOT102-ONL1  ONLINE 15-week

BIOT 130 - Forensic Biology (4)

1490 BIOT130-ONL1  ONLINE 15-week

BIOT 140 - Biotechnology and Society (3)

1491 BIOT140-ONL1  ONLINE 13-week

BMGT: Business Studies

BMGT 103 - Introduction to Business (3)

1586 BMGT103-ONL1  ONLINE 1st 7 1/2-week \$
2127 BMGT103-ONL2  ONLINE 2nd 7 1/2-week \$
1585 BMGT103-ONL3  ONLINE 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

BMGT 109 - Entrepreneurship and Small Business Enterprise (3)

1588 BMGT109-ONL1  ONLINE 2nd 7 1/2-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

BMGT 110 - Personal Financial Management (3)

1589 BMGT110-ONL1  ONLINE 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

BMGT 120 - Business Communications (3)

1597 BMGT120-ONL1  ONLINE 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

BMGT 211 - Business Law (3)

1592 BMGT211-ONL1  ONLINE 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

BMGT 221 - Public Relations (3)

2215 BMGT221-ONL1  ONLINE 2nd 10-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

BMGT 223 - Human Resource Management (3)

2216 BMGT223-ONL1  ONLINE 2nd 10-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

BMGT 225 - Marketing (3)

2024 BMGT225-ONL1  ONLINE 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

BMGT 227 - Principles of Management (3)

1595 BMGT227-ONL1  ONLINE 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

BMGT 290 - Project Management (3)

2144 BMGT290-ONL1  ONLINE 2nd 7 1/2-week \$


\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.




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BSCI: Biological Science

BSCI 105 - Human Ecology (3)

1494 BSCI105-ONL1  ONLINE 13-week

BSCI 107 - Study of the Human Body (3)

1474 BSCI107-ONL1  ONLINE 13-week

CCJS: Criminal Justice

CCJS 101 - Introduction to Criminal Justice (3)

2011 CCJS101-ONL1  ONLINE 13-week

CHEM: Chemistry

CHEM 101 - General Chemistry I (4)

CHEM101-ONL1  ONLINE 15-week

Note: CHEM 101 in the online format is very intense. Completion of high school chemistry and a strong science background is recommended. Students should be prepared to work hard to do well in this class.

CMIS: Computer and Information Sciences

CMIS 101 - Information Systems and Technology (3)

2064 CMIS101-ONL1  ONLINE 1st 7 1/2-week \$
 2221 CMIS101-ONL2  ONLINE 1st 10-week \$
 1614 CMIS101-ONL3  ONLINE 13-week \$
 2178 CMIS101-ONL4  ONLINE 2nd 10-week \$
 1615 CMIS101-ONL5  ONLINE 2nd 7 1/2-week \$


\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMIS 106 - Object Design and Programming (3)

1872 CMIS106-ONL1  ONLINE 13-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMIS 111E - Spreadsheets (3)

1625 CMIS111E-ONL1  ONLINE 13-week

CMIS 111L - UNIX/Linux Operating System (3)

1819 CMIS111L-ONL1  ONLINE 2nd 10-week


CMIS 111R - Business Software Applications (3)

1630 CMIS111R-ONL1  ONLINE 2nd 10-week

CMIS 117 - Data Science Essentials (3)


2181 CMIS117-ONL1  ONLINE 2nd 7 1/2-week

CMIS 120 - PC Operating Systems (3)

1629 CMIS120-ONLK  ONLINE 13-week

Note: Students must also register for CMIS121-ONLK.

CMIS 121 - PC Repair & Diagnostics (3)

1654 CMIS121-ONLK  ONLINE 13-week

Note: Students must also register for CMIS120-ONLK.

CMIS 173 - Healthcare Information Technology (3)

1878 CMIS173-ONL1  ONLINE 2nd 7 1/2-week

CMIS 179 - Cybersecurity Fundamentals (3)

2183 CMIS179-ONL1  ONLINE 1st 7 1/2-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

1639 CMIS179-ONL2  ONLINE 2nd 7 1/2-week

CMIS 200 - IT Support Services (3)

1822 CMIS200-ONL1  ONLINE 2nd 7 1/2-week

CMIS 203 - Systems Analysis & Design (3)

2184 CMIS203-ONL1  ONLINE 1st 10-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMIS 204 - Computer & Information Sciences Project (3)

1651 CMIS204-ONL1  ONLINE 2nd 10-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMIS 217 - Cybercrime and Digital Forensics (3)

1655 CMIS217-ONL1  ONLINE 2nd 10-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMIS 219 - Ethical Hacking (3)

2186 CMIS219-ONL1  ONLINE 2nd 10-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMIS 290 - Cisco 1 Network Fundamentals (3)

1643 CMIS290-ONL1  ONLINE 1st 7 1/2-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMIS 291 - Cisco 2 Routing Technologies (3)

1644 CMIS291-ONL1  ONLINE 2nd 7 1/2-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.


CMIS 295 - Cloud Security (3)

1823 CMIS295-ONL1  ONLINE 1st 10-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMTE: Construction Management Technology

CMTE 101 - Construction Management (3)

1661 CMTE101-ONL1  ONLINE 15-week



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COMM: Communications

COMM 103 - Public Speaking (3)

1148 COMM103-ONL1 ONLINE 15-week \$

Note: Four mandatory on-campus meetings: Wednesdays, 6:00pm-8:00pm on 9/12, 10/10, 11/7, and 12/5.

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

COMM 107 - Career Communication (3)

1166 COMM107-ONL1 ONLINE 15-week

Note: Mandatory on-campus session: Saturday, 10/26/19 at 8:30am-12:30pm.

Inclement Weather make-up date: Saturday, 11/2/19 at 8:30am-12:30pm.

COMM 111 - Introduction to Mass Communication (3)

1118 COMM111-ONL1 ONLINE 5-week

ECED: Early Childhood Development

ECED 101 - Child Development & Behavior (3)

1723 ECED101-ONL1 ONLINE 15-week

ECED 105 - Introduction to Early Childhood Education (3)

1709 ECED105-ONL1 ONLINE 15-week

ECED 125 - Methods and Materials in Early Childhood (3)

1711 ECED125-ONL1 ONLINE 15-week

ECED 135 - Infants & Toddlers Development and Care (3)

1712 ECED135-ONL1 ONLINE 2nd 7 1/2-week

ECED 145 - Child Health, Safety and Nutrition (3)

2057 ECED145-ONL1 ONLINE 15-week

ECED 155 - Activities for the School-Age Child (3)

1961 ECED155-ONL1 ONLINE 1st 7 1/2-week

ECON: Economics

ECON 201 - Principles of Macroeconomics (3)

1673 ECON201-ONL1 ONLINE 15-week \$

2110 ECON201-ONL2 ONLINE 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

ECON 202 - Principles of Microeconomics (3)

1677 ECON202-ONL1 ONLINE 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

EDPS: Educational Psychology

EDPS 210 - Human Growth and Development (3)

2012 EDPS210-ONL1 ONLINE 15-week \$

1730 EDPS210-ONL2 ONLINE 13-week \$

2224 EDPS210-ONL3 ONLINE 1st 7 1/2-week

1731 EDPS210-ONL4 ONLINE 2nd 7 1/2-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

EDUC: Education

EDUC 110 - Schools and Society (3)

1717 EDUC110-ONL1 ONLINE 15-week

EDUC 220 - Educational Psychology (3)

1718 EDUC220-ONL1 ONLINE 15-week

EDUC 230 - Foundations of Special Education (3)

1720 EDUC230-ONL1 ONLINE 15-week

EDUC 240 - Processes and Acquisition of Reading (3)

1722 EDUC240-ONL1 ONLINE 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

EMGT: Emergency Management

EMGT 101 - Disaster, Crisis, and Emergency Management (3)

1805 EMGT101-ONL1 ONLINE 15-week

EMGT 104 - Disaster Response and Recovery (3)

1959 EMGT104-ONL1 ONLINE 15-week

EMGT 111 - Preparing and Securing the Homeland (3)

2225 EMGT111-ONL1 ONLINE 15-week

EMGT 130 - Integrated Emergency Management (3)

1895 EMGT130-ONL1 ONLINE 15-week

EMGT 201 - Public Safety GIS and Technology (3)

1896 EMGT201-ONL1 ONLINE 15-week

ENGL: English

ENGL 101 - English Composition (3)

1365 ENGL101-ONL1 ONLINE 15-week

1366 ENGL101-ONL2 ONLINE 15-week

1367 ENGL101-ONL3 ONLINE 1st 10-week \$

Note: Open to all students who meet the requirements of ENGL 101 irrespective of students' major; students in business-related programs are encouraged to enroll.

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

1368 ENGL101-ONL4 ONLINE 2nd 10-week

ENGL 102 - English Composition and Literature (3)

1395 ENGL102-ONL1 ONLINE 15-week

1396 ENGL102-ONL2 ONLINE 1st 7 1/2-week

1393 ENGL102-ONL3 ONLINE 2nd 7 1/2-week

ENGL 216 - The Short Story (3)

1820 ENGL216-ONL1 ONLINE 15-week

ENGL 219 - Technical Writing (3)

2104 ENGL219-ONL1 ONLINE 15-week

ENGL 231 - English Language Studies (3)

1401 ENGL231-ONLC ONLINE 15-week

ENGL 231H - English Language Studies (3)

1402 ENGL231H-ONLC ONLINE 15-week

FILM: Film & Video

FILM 101 - Introduction to Film (3)

1121 FILM101-ONL1 ONLINE 15-week

1122 FILM101-ONL2 ONLINE 2nd 7 1/2-week

FREN: World Languages: French

FREN101 - Introductory French I (3)

1169 FREN101-ONL1 ONLINE 15-week \$

Note: Introductory level language courses are not open to native or fluent speakers of the target language. These are beginning language courses. Students with prior language knowledge should discuss placement with the World Languages Program Manager.

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

GEOG: Geography

GEOG 102 - Cultural Geography (3)

1734 GEOG102-ONL1 ONLINE 13-week

GISA: Geographic Information Systems

GISA 101 - Introduction to Geographic Information Systems with ArcGIS (3)

2179 GISA101-ONL1 ONLINE 15-week

HCTI: Hospitality Culinary Tourism Institute

HCTI 101 - Sanitation and Food Safety (1)

1856 HCTI101-ONL1 ONLINE 1st 5-week

Note: Class held at FCC's Monroe Center

HIST: History

HIST 101 - History of Western Civilization I (3)

1737 HIST101-ONL1 ONLINE 13-week

HIST 201 - History of the United States I (3)

1742 HIST201-ONL1 ONLINE 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

HLTH: Health Education

HLTH 150 - Health Education (3)

1024 HLTH150-ONL1 ONLINE 15-week

2117 HLTH150-ONL2 ONLINE 15-week

HLTH 160 - Stress Management (3)

1018 HLTH160-ONL1 ONLINE 15-week

1019 HLTH160-ONL2 ONLINE 15-week

HONR: Honors

ENGL 231H - English Language Studies (3)

1402 ENGL231H-ONLC ONLINE 15-week

HUMN: Humanities

HUMN 204 - World Religions (3)

1246 HUMN204-ONL1 ONLINE 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

HUMS: Human Services

HUMS 102 - Human Relations (3)

1754 HUMS102-ONL1 ONLINE 15-week

2119 HUMS102-ONL2 ONLINE 15-week

LGST: Legal Studies

The LGST: Legal Studies fall 2019 course schedule is in process of being revised. Contact Dr. Tracy Parker, Program Manager (TParker@frederick.edu) for advising and schedule updates.

LGST 103 - Ethics for the Legal Professional (3)

1828 LGST103-ONL1 ONLINE 15-week

LGST 104 - Contracts (3)

1829 LGST104-ONL1 ONLINE 15-week

LGST 105 - Torts (3)

2094 LGST105-ONL1 ONLINE 15-week

LGST 106 - Technology for the Legal Profession (3)

1830 LGST106-ONL1 ONLINE 2nd 7 1/2-week

MATH: Mathematics

MATH 67 - Educator Preparation in Mathematics (0) [2]

1973 MATH67-ONL1 ONLINE 15-week

MATH 101 - Foundations of Mathematics (3)

1260 MATH101-ONL1 ONLINE 15-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

MATH 120 - Statistics (3)

1291 MATH120-ONL1 ONLINE 15-week \$

1933 MATH120-ONL2 ONLINE 15-week

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

MATH 125 - Business Statistics (3)

1839 MATH125-ONL1 ONLINE 15-week

MATH 145 - College Algebra (3)

1995 MATH145-ONL1 ONLINE 15-week

MATH 165 - Precalculus (4)

1269 MATH165-ONL1 ONLINE 15-week

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

MATH 185 - Calculus I (4)

1306 MATH185-ONL1 ONLINE 15-week

MATH 220 - Introduction to MATLAB (1)

1312 MATH220-ONL1 ONLINE 1st 7 1/2-week \$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

MEDA: Medical Assisting


MEDA 108 - Basic Medical Terminology (1)

1683 MEDA108-ONL1		ONLINE	1st 7 1/2-week
1910 MEDA108-ONL2		ONLINE	2nd 7 1/2-week

MEDA 109 - Medical Terminology (3)

1686 MEDA109-ONL1		ONLINE	15-week
1687 MEDA109-ONL2		ONLINE	2nd 7 1/2-week
2207 MEDA112-ONL1		ONLINE	1st 7 1/2-week

MEDA 209 - Pharmacology for Medical Office Practice (3)

1689 MEDA209-ONL1		ONLINE	15-week
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MEDA 218 - Health Insurance Billing and Reimbursement (3)

2208 MEDA218-ONL1		ONLINE	1st 7 1/2-week
1694 MEDA218-ONL2		ONLINE	2nd 7 1/2-week

MEDA 220 - Electronic Health Records (3)


1695 MEDA220-ONL1		ONLINE	1st 7 1/2-week
1696 MEDA220-ONL2		ONLINE	2nd 7 1/2-week

MEDA 222 - Federal Healthcare Programs and Laws (3)

2234 MEDA222-ONL1		ONLINE	15-week
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MUSC: Music


MUSC 101 - Music History and Appreciation (3)

1181 MUSC101-ONL1		ONLINE	15-week
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MUSC 103 - Fundamentals of Music (3)

1192 MUSC103-ONL1		ONLINE	2nd 7 1/2-week
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MUSC 109 - American Popular Music (3)

1193 MUSC109-ONL1		ONLINE	15-week
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MUSC 201 - Music Cultures of the World (3)

2237 MUSC201-ONL1		ONLINE	15-week
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NUTR: Nutrition

NUTR 100 - Nutrition Basics (1)

1012 NUTR100-ONL1		ONLINE	1st 7 1/2-week
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NUTR 102 - Nutrition in a Changing World (3)


1007 NUTR102-ONL1		ONLINE	15-week
1008 NUTR102-ONL2		ONLINE	15-week
1009 NUTR102-ONL3		ONLINE	1st 7 1/2-week
1010 NUTR102-ONL4		ONLINE	2nd 7 1/2-week

PHED: Physical Education

PHED 148 - Exercise Psychology (1)

1046 PHED148-ONL1		ONLINE	2nd 7 1/2-week
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PHED 165 - Fitness for Living (3)


2201 PHED165-ONL1		ONLINE	15-week
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PHIL: Philosophy

PHIL 101 - Introduction to Philosophy (3)

1837 PHIL101-ONL1		ONLINE	2nd 7 1/2-week
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PHIL 207 - Biomedical Ethics (3)

2086 PHIL207-ONL1		ONLINE	15-week
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PHSC: Physical Science

PHSC 104 - Survey of Oceanography (3)

1540 PHSC104-ONL1		ONLINE	15-week
2075 PHSC104-ONL2		ONLINE	2nd 7 1/2-week

PHSC 112 - Introduction to Earth Systems Science (4)

2238 PHSC112-ONL1		ONLINE	15-week
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PHSC 115 - Introduction to Meteorology (4)

1542 PHSC115-ONL1		ONLINE	15-week
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PLAC: Prior Learning Assessment Course

PLAC 101 - Prior Learning Assessment: Portfolio Development (1)

2128 PLAC101-ONL1		ONLINE	13-week
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POSC: Political Science

POSC 104 - American Government (3)

1763 POSC104-ONL1		ONLINE	15-week
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PSYC: Psychology

PSYC 101 - General Psychology (3)


1777 PSYC101-ONL1		ONLINE	15-week
1778 PSYC101-ONL2		ONLINE	15-week
1786 PSYC101-ONL3		ONLINE	2nd 7 1/2-week

 *Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.*

PSYC 104 - Issues of Drug/Alcohol Use (3)

1779 PSYC104-ONL1		ONLINE	13-week
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PSYC 202 - Social Psychology (3)


1782 PSYC202-ONL1		ONLINE	13-week
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PSYC 206 - Abnormal Psychology (3)

1785 PSYC206-ONL1		ONLINE	13-week
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SOCY: Sociology

SOCY 101 - Introduction to Sociology (3)

1796 SOCY101-ONL1		ONLINE	15-week
1797 SOCY101-ONL2		ONLINE	15-week
1803 SOCY101-ONL3		ONLINE	13-week


SOCY 102 - Social Problems (3)

2058 SOCY102-ONL1		ONLINE	15-week
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SOCY 201 - Criminology (3)


1801 SOCY201-ONL1		ONLINE	15-week
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SOCY 210 - Ethnic Diversity (3)

1759 SOCY210-ONL1		ONLINE	15-week
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SPAN: World Languages: Spanish

SPAN 101 - Introductory Spanish I (3)

1176 SPAN101-ONL1		ONLINE	15-week
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Note: Introductory level language courses are not open to native or fluent speakers of the target language. These are beginning language courses. Students with prior language knowledge should discuss placement with the World Languages Program Manager.

SPAN 102 - Introductory Spanish II (3)

1956 SPAN102-ONL1		ONLINE	15-week
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Are you a single parent? Unemployed? Underemployed? Interested in attending FCC?

The Office of Adult Services at FCC smooths the transition for adults returning to school to earn a degree, acquire marketable skills, or train for a new career. We work with you to address individual needs specific to adults and offer solutions including:

- Academic Advising
- Career Counseling
- College & Community Referrals
- Financial Aid Resources & Referrals
- Services for Single Parents & Displaced Homemakers
- Study Skills & Time Management Workshops

The Office of Adult Services • Annapolis Hall (A-103) • 301.846.2483 • frederick.edu/adultservices



FALL 2019

HYBRID COURSES

Complete course descriptions and pre/corequisites are located in the main course section.

All course sections require access Blackboard at <https://frederick.blackboard.com>. Students are expected to be able to access Blackboard via the internet using personal, public, or appropriate College-available computers. Online coursework will be required for web-enhanced classes. Consult the course instructor regarding expectations for participation. Course websites may host learning resources including required reading and assessments. Blackboard access is also required to complete course evaluations. Google Chrome is the preferred browser. Students will need to contact the Distributed Learning Office at 301.846.2401 for permission to register in an online section after the third day of classes.

ACCE: Academic and Career Engagement

ACCE 130 - Career Assessment and Planning (3)

2213 ACCE130-HYB1	TTH	9:30am - 10:45am	1st 7 1/2-week
1960 ACCE130-HYB2	TTH	9:30am - 10:45am	2nd 7 1/2-week

Note: Class held at FCC's Monroe Center, Building Trades fee: \$71.40

BLDT 111 - Controls for HVACR (3)

1330 BLDT111-HYB1	TTH	6:00pm - 7:15pm	2nd 7 1/2-week
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Note: Class held at FCC's Monroe Center, Building Trades fee: \$71.40

BLDT 113 - Fossil Fuels & Hydronic Heating (3)

1331 BLDT113-HYB1	MW	6:00pm - 7:15pm	2nd 7 1/2-week
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Note: Class held at FCC's Monroe Center, Building Trades fee: \$71.40

BLDT 140 - Fundamentals of Structural Wiring (4)

1333 BLDT140-HYB1	TTH	6:00pm - 9:00pm	1st 7 1/2-week
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Note: Class held at FCC's Monroe Center, Building Trades fee: \$71.40

BLDT 143 - Specialized Systems (3)

1894 BLDT143-HYB1	MW	6:00pm - 8:30pm	2nd 7 1/2-week
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Note: Class held at FCC's Monroe Center, Building Trades fee: \$71.40

BLDT 212 - HVAC Installation & Troubleshooting (3)

1844 BLDT212-HYB1	MW	6:00pm - 7:15pm	1st 7 1/2-week
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Note: Class held at FCC's Monroe Center, Building Trades fee: \$71.40

1334 BLDT241-HYB1	TTH	6:00pm - 8:30pm	2nd 7 1/2-week
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Note: Class held at FCC's Monroe Center, Building Trades fee: \$71.40

BLDT 242 - Commercial Electric (3)

1893 BLDT242-HYB1	MW	6:00pm - 8:30pm	1st 7 1/2-week
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Note: Class held at FCC's Monroe Center, Building Trades fee: \$71.40

ACCT: Accounting

ACCT 101 - Principles of Accounting I (3)

1568 ACCT101-HYB1	T	6:00pm - 8:35pm	1st 7 1/2-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

ACCT 102 - Principles of Accounting II (3)

1572 ACCT102-HYB1	T	6:00pm - 8:35pm	2nd 7 1/2-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

ACCT 111 - Computerized Accounting (3)

1574 ACCT111-HYB1	M	7:45pm - 9:15pm	15-week
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Note: Class meets on-campus 08/26 and 12/9; Students advised to purchase book with software from FCC Bookstore.

ACCT 201 - Intermediate Accounting I (4)

1575 ACCT201-HYB1	M	5:00pm - 7:05pm	15-week
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ACCT 203 - Managerial Cost Accounting (3)

1576 ACCT203-HYB1	W	5:00pm - 6:30pm	15-week
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Note: Class meets on-campus: 9/4, 9/11, 9/18, 10/23, 10/30, and 11/6

ACCT 216 Governmental and Not-for-Profit Accounting (3)

2247 ACCT216-HYB1	TH	5:00pm - 7:35pm	2nd 10-week
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ASLS: American Sign Language Studies

ASLS 124 - Introduction to Deaf Community and History (3)

1968 ASLS124-HYB1	T	5:30pm - 6:45pm	15-week
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BLDT: Building Trades

BLDT 110 - Fundamentals of HVACR (4)

1329 BLDT110-HYB1	TTH	6:00pm - 7:15pm	1st 7 1/2-week
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No/Low Cost Textbooks: At FCC, this symbol indicates specific course sections in which textbooks are available for less than \$40. These sections require regular access to the Internet as most of the resources are in a digital format. Note that certain no/low cost textbook courses (e.g., science labs, art studio classes) have textbooks available for less than \$40 but may require purchase of additional course materials and supplies.

BMGT: Business Studies

BMGT 103 - Introduction to Business (3)

1578	BMGT103-HYB1	M	9:30am - 11:15am	15-week	\$
1580	BMGT103-HYB2	M	12:30pm - 1:45pm	15-week	\$
1581	BMGT103-HYB3	T	9:30am - 10:45am	15-week	\$
1583	BMGT103-HYB4	T	11:00am - 12:15pm	15-week	\$
1579	BMGT103-HYB5	W	9:30am - 10:45am	15-week	\$
1582	BMGT103-HYB6	W	12:30pm - 1:45pm	15-week	\$
2199	BMGT103-HYB7	W	6:00pm - 8:35pm	15-week	\$
1584	BMGT103-HYB8	TH	2:00pm - 3:15pm	15-week	\$
2198	BMGT103-HYB9	SAT	12:00pm - 1:15pm	15-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

BMGT 109 - Entrepreneurship and Small Business Enterprise (3)

1587	BMGT109-HYB1	TH	6:00pm - 9:00pm	1st 7 1/2-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

BMGT 120 - Business Communications (3)

1596	BMGT120-HYB1	TH	11:00am - 12:15pm	15-week	
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BSCI 201 - Anatomy and Physiology I (4)

1454	BSCI201-HYBC		ONLINE	15-week	
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BSCI 202 - Anatomy and Physiology II (4)

1464	BSCI202-HYBC		ONLINE	15-week	
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BMGT 211 - Business Law (3)

1591	BMGT211-HYB1	T	6:00pm - 8:35pm	2nd 7 1/2-week	
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BMGT 227 - Principles of Management (3)

1594	BMGT227-HYB1	M	6:00pm - 9:00pm	1st 7 1/2-week	
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BMGT 281 - Global Awareness in the Work Environment (3)

1598	BMGT281-HYB1	T	12:30pm - 1:45pm	15-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.


BSCI: Biological Science

BSCI 100 - Fundamental Concepts of Biology (4)

1424	BSCI100-HYBC		ONLINE	15-week	
1425	BSCI100-HYBB	F	9:30am - 12:00pm	15-week	

Note: Students must register for corresponding lecture (LC) and lab (LB).

BSCI 201 - Anatomy and Physiology I (4)

1454	BSCI201-HYBC		ONLINE	15-week	
1455	BSCI201-HYBB	W	12:30pm - 3:00pm	15-week	

Note: Students must register for corresponding lecture (LC) and lab (LB).

BSCI 202 - Anatomy and Physiology II (4)

1464	BSCI202-HYBC		ONLINE	15-week	
1465	BSCI202-HYBB	T	12:30pm - 3:00pm	15-week	

Note: Students must register for corresponding lecture (LC) and lab (LB).

CADT: Computer Aided Design Technology

CADT 101 - AutoCAD I (3)

1599	CADT101-HYB1	TH	5:00pm - 8:00pm	1st 7 1/2-week	
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CADT 102 - AutoCAD II (3)

1600	CADT102-HYB1	M	5:00pm - 8:00pm	2nd 7 1/2-week	
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CADT 110 - Introduction to SolidWorks (3)

2217	CADT110-HYB1	M	5:00pm - 8:00pm	1st 7 1/2-week	
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CADT 130 - Revit (BIM) (3)

2025	CADT130-HYB1	TH	5:00pm - 8:00pm	2nd 7 1/2-week	
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CADT 150 - Architectural Drawing and Design (3)

2197	CADT150-HYB1	W	5:00pm - 8:00pm	1st 7 1/2-week	
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CADT 210 - Residential Architecture I (4)

1886	CADT210-HYB1	W	5:00pm - 8:45pm	1st 7 1/2-week	
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CADT 220 - Residential Architecture II (4)

2027	CADT220-HYB1	W	5:00pm - 8:45pm	2nd 7 1/2-week	
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CADT 230 - Civil Drafting I with CAD (3)

2145	CADT230-HYB1	T	5:00pm - 8:45pm	2nd 7 1/2-week	
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CMIS: Computer and Information Sciences

CMIS 101 - Information Systems and Technology (3)

1601	CMIS101-HYB1	M	9:30am - 10:45am	13-week	\$
1604	CMIS101-HYB2	W	9:30am - 10:45am	13-week	\$
1602	CMIS101-HYB3	MW	11:00am - 12:15pm	13-week	\$
1603	CMIS101-HYB4	MW	12:30pm - 1:45pm	13-week	\$
1605	CMIS101-HYB5	W	2:00pm - 3:15pm	2nd 10-week	\$
1606	CMIS101-HYB6	T	9:30am - 10:45am	13-week	\$
1607	CMIS101-HYB7	TTH	11:00am - 12:15pm	13-week	\$
1608	CMIS101-HYB8	TTH	12:30pm - 1:45pm	13-week	\$
1609	CMIS101-HYB9	TTH	2:00pm - 3:15pm	13-week	\$
1613	CMIS101-HY10	M	5:15pm - 7:00pm	2nd 10-week	\$
1612	CMIS101-HY11	T	5:00pm - 7:00pm	2nd 7 1/2-week	\$
1611	CMIS101-HY12	W	5:30pm - 7:00pm	13-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMIS 105 - Introduction to Programming (2)

1971	CMIS105-HYB1	T	2:30pm - 3:45pm	2nd 7 1/2-week	
1970	CMIS105-HYB2	T	5:15pm - 7:00pm	2nd 7 1/2-week	

CMIS 106 - Object Design and Programming (3)

1616	CMIS106-HYB1	MW	9:30am - 10:45am	13-week	\$
1617	CMIS106-HYB2	MW	11:00am - 12:15pm	13-week	\$
1618	CMIS106-HYB3	W	12:30pm - 2:00pm	13-week	\$
1619	CMIS106-HYB4	TTH	9:30am - 10:45am	13-week	\$
1620	CMIS106-HYB5	TTH	11:00am - 12:15pm	13-week	\$
1621	CMIS106-HYB6	T	12:30pm - 1:45pm	13-week	\$
1858	CMIS106-HYB7	W	5:15pm - 7:00pm	13-week	\$
1623	CMIS106-HYB8	TH	7:15pm - 9:00pm	13-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMIS 111E - Spreadsheets (3)

1624	CMIS111E-HYB1	M	5:15pm - 6:45pm	2nd 10-week
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CMIS 111L - UNIX/Linux Operating System (3)

1626	CMIS111L-HYB1	TH	12:00pm - 1:45pm	13-week
1981	CMIS111L-HYB2	W	7:15pm - 8:45pm	13-week

CMIS 111V - Virtualization and Cloud Essentials (3)

2214	CMIS111V-HYB1	M	7:15pm - 8:45pm	2nd 10-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMIS 118 - Data Analytics Using Spreadsheets (3)

2182	CMIS118-HYB1	M	7:00pm - 8:30pm	2nd 7 1/2-week
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CMIS 120 - PC Operating Systems (3)

1627	CMIS120-HYL1	M	2:30pm - 3:45pm	13-week
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Note: Students must also register for CMIS121-HYL1.

1966	CMIS120-HYL2	W	9:25am - 10:50am	1st 10-week
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Note: Students must also register for CMIS121-HYL2.

1628	CMIS120-HYL3	T	5:00pm - 6:15pm	13-week
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Note: Students must also register for CMIS121-HYL3.

CMIS 121 - PC Repair & Diagnostics (3)

1652	CMIS121-HYL1	M	3:45pm - 5:00pm	13-week
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Note: Students must also register for CMIS120-HYL1.

1967	CMIS121-HYL2	W	10:50am - 12:15pm	1st 10-week
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Note: Students must also register for CMIS120-HYL2.

1653	CMIS121-HYL3	T	6:15pm - 7:30pm	13-week
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Note: Students must also register for CMIS120-HYL3.

CMIS 140 - Java Programming (3)

1631	CMIS140-HYB1	W	7:15pm - 9:00pm	13-week
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CMIS 175 - Game Theory and Design (3)

1635	CMIS175-HYB1	T	5:15pm - 6:45pm	1st 5-week
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CMIS 176 - Game Creation (3)

1636	CMIS176-HYB1	T	5:15pm - 6:45pm	2nd 10-week
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CMIS 177 - Interactive 3D Technology (3)

1637	CMIS177-HYB1	T	2:00pm - 4:30pm	1st 7 1/2-week
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CMIS 178 - 3D Modeling and Animation (3)

1638	CMIS178-HYB1	T	2:00pm - 4:30pm	2nd 7 1/2-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMIS 179 - Cybersecurity Fundamentals (3)

1821	CMIS179-HYB1	W	12:30pm - 1:45pm	2nd 7-week
1879	CMIS179-HYB2	M	5:15pm - 6:45pm	2nd 10-week

CMIS 201 - Computer Science I (4)

1648	CMIS201-HYB1	TH	2:00pm - 3:45pm	15-week
1647	CMIS201-HYB2	W	5:15pm - 7:00pm	13-week

CMIS 202 - Computer Science II (4)

1649	CMIS202-HYB1	TH	5:15pm - 7:00pm	13-week
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CMIS 203 - Systems Analysis & Design (3)

1650	CMIS203-HYB1	W	2:00pm - 3:30pm	13-week	\$
1979	CMIS203-HYB2	M	5:15pm - 6:45pm	13-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMIS 208 - C++ Programming (3)

2185	CMIS208-HYB1	M	5:15pm - 8:15pm	2nd 10-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMIS 217 - Cybercrime and Digital Forensics (3)

1656	CMIS217-HYB1	T	5:15pm - 6:45pm	13-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMIS 218 - Information Security (3)

2187	CMIS218-HYB1	T	7:00pm - 8:45pm	2nd 10-week
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CMIS 219 - Ethical Hacking (3)

1657	CMIS219-HYB1	W	5:15pm - 7:00pm	13-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

CMIS 222 - Computer Organization (4)

1658	CMIS222-HYB1	TH	7:15pm - 8:45pm	2nd 10-week
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CMIS 225C - Computer Programming Language: Mobile Applet Programming (3)

1824	CMIS225C-HYB1	M	7:00pm - 8:45pm	2nd 10-week
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CMIS 227 - Game Programming (4)

1660	CMIS227-HYB1	T	7:15pm - 8:45pm	13-week
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CMIS 228 - Simulation and Game Development (4)

2015	CMIS228-HYB1	T	5:00pm - 7:00pm	13-week
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CMIS 280 - Networking Fundamentals (3)

1640	CMIS280-HYB1	T	3:00pm - 5:00pm	1st 7 1/2-week
1641	CMIS280-HYB2	TH	7:00pm - 9:00pm	1st 7 1/2-week

CMIS 281 - Security Fundamentals (3)

1632	CMIS281-HYB1	T	3:00pm - 5:00pm	2nd 7 1/2-week
1633	CMIS281-HYB2	TH	7:00pm - 9:00pm	2nd 7 1/2-week

CMIS 292 - Cisco 3 Switching Technologies (3)

1645	CMIS292-HYB1	M	5:00pm - 7:30pm	1st 7 1/2-week
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CMIS 293 - Cisco 4 WAN Technologies (3)

1646	CMIS293-HYB1	M	5:00pm - 7:30pm	2nd 7 1/2-week
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CMIS 295 - Cloud Security (3)

1659	CMIS295-HYB1	TH	5:15pm - 6:45pm	13-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.



No/Low Cost Textbooks: At FCC, this symbol indicates specific course sections in which textbooks are available for less than \$40. These sections require regular access to the Internet as most of the resources are in a digital format. Note that certain no/low cost textbook courses (e.g., science labs, art studio classes) have textbooks available for less than \$40 but may require purchase of additional course materials and supplies.

ECON: Economics

ECON 201 - Principles of Macroeconomics (3)

1666	ECON201-HYB1	W	2:00pm - 3:15pm	15-week	\$
1670	ECON201-HYB2	SAT	9:00am - 11:35am	1st 7 1/2-week	\$
1671	ECON201-HYB3	M	6:00pm - 9:00pm	1st 7 1/2-week	\$
1672	ECON201-HYB4	T	6:00pm - 9:00pm	2nd 7 1/2-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

ECON 202 - Principles of Microeconomics (3)

2076	ECON202-HYB1	SAT	9:00am - 11:30am	2nd 7 1/2-week	\$
1676	ECON202-HYB2	M	6:00pm - 8:30pm	2nd 7 1/2-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

EDPS: Educational Psychology

EDPS 210 - Human Growth and Development (3)

1729	EDPS210-HYB1	T	6:00pm - 7:15pm	2nd 7 1/2 week	
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EMGT: Emergency Management

EMGT 221 - Public Safety Leadership and Ethics (3)

2188	EMGT221-HYB1	M	5:00pm - 7:30pm	15-week	
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EMGT 297 - Emergency Management Capstone (3)

2054	EMGT297-HYB1	T	5:00pm - 7:30pm	15-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

ENGL: English

ENGL 75 - Reading and Writing in the Academic Disciplines (0) [4]

1927	ENGL75-HYB1	M	11:00am - 1:30pm	15-week	\$
1991	ENGL75-HYB2	M	1:00pm - 2:45pm	15-week	\$
1998	ENGL75-HYB3	T	11:00am - 12:45pm	15-week	\$
1926	ENGL75-HYB4	W	1:00pm - 2:45pm	15-week	\$
1990	ENGL75-HYB5	TH	11:00am - 12:45pm	15-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

ENGL 101 - English Composition (3)

1344	ENGL101-HYB1	M	12:30pm - 1:45pm	15-week	\$
2236	ENGL101-HYB2	T	11:00am - 12:15pm	15-week	\$
2174	ENGL101-HYB3	W	12:30pm - 1:45pm	15-week	\$
2008	ENGL101-HYB4	TH	11:00am - 12:15pm	15-week	\$

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

ENGL 102 - English Composition and Literature (3)

2078	ENGL102-HYB1	W	7:30pm - 8:50pm	15-week	
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GERM: World Languages: German

GERM 102 - Introductory German II (3)

2070	GERM102-HYB1	TBA		15-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

HCTI: Hospitality Culinary Tourism Institute

HCTI 120 - Purchasing & Cost Control (3)

1889	HCTI120-HYB1	T	6:00pm - 8:40pm	2nd 7 1/2-week	
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Note: Class held at FCC's Monroe Center

HCTI 150 - Introduction to Hospitality Management (3)

1678	HCTI150-HYB1	T	6:00pm - 8:40pm	1st 7 1/2-week	
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HCTI 155 - Event Management (3)

1890	HCTI155-HYB1	TH	6:00pm - 8:40pm	1st 7 1/2-week	\$
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Note: Class held at FCC's Monroe Center

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

HCTI 160 - Hospitality Operations (3)

1897	HCTI160-HYB1	T	6:00pm - 8:40pm	2nd 7 1/2-week	
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Note: Class held at FCC's Monroe Center

HCTI 220 - Food and Beverage Operations (3)

1930	HCTI220-HYB1	TH	6:00pm - 8:40pm	2nd 7 1/2-week	
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Note: Class held at FCC's Monroe Center

HCTI 255 - Applied Hospitality Management (3)

2023	HCTI255-HYB1	M	6:00pm - 8:40pm	1st 7 1/2-week	
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Note: Class held at FCC's Monroe Center

HCTI 260 - Hospitality Business Analysis (3)

2166	HCTI260-HYB1	M	6:00pm - 8:40pm	2nd 7 1/2-week	
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HLTH: Health Education

HLTH 160 - Stress Management (3)

2077	HLTH160-HYB1	TH	9:30am - 10:50am	1st 7 1/2-week	
1018	HLTH160-ONL1		ONLINE	15-week	
1019	HLTH160-ONL2		ONLINE	15-week	

HUMN: Humanities

HUMN 104 - Humanities in a Digital World (3)

1905	HUMN104-HYB1	M	12:30pm - 1:45pm	15-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

HUMN 105 - Cultural Studies: Latin America (3)

2072	HUMN105-HYB1	W	12:30pm - 1:45pm	15-week	\$
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\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

HUMS: Human Services

HUMS 204 - Ethics and Practice Issues in the Human Services and Addiction Counseling (3)

1758	HUMS204-HYB1	F	1:30pm - 3:30pm	15-week	
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HUMS 207 - Theory and Practice of Group Counseling (3)

2233	HUMS207-HYB1	T	12:30pm - 2:30pm	15-week	
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LGST: Legal Studies

The LGST: Legal Studies fall 2019 course schedule is in process of being revised. Contact Dr. Tracy Parker, Program Manager (TParker@frederick.edu) for advising and schedule updates.

LGST 100 - Introduction to Law (3)

1760 LGST100-HYB1 SAT 9:00am - 1:15pm 1st 7 1/2-week

LGST 200 - Legal Research (3)

1831 LGST200-HYB1 W 6:00pm - 9:00pm 15-week

LGST 205 - Legal Writing (3)

1885 LGST205-HYB1 M 6:00pm - 9:00pm 1st 7 1/2-week

LGST 240 - Family Law (3)

2095 LGST240-HYB1 T 6:00pm - 9:00pm 2nd 10-week

MATH: Mathematics

MATH 101A - Foundations of Mathematics (3)

1866 MATH101A-HYB1 TTH 8:00am - 9:15am 15-week \$

Note: Students registering for MATH 101A in the 15-week session must also register for MATH A - Instruction with Algebra in the 15-week session.

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

MATH 120A - Statistics (3)

1292 MATH120A-HYB1 MW 8:00am - 9:15am 15-week \$

2158 MATH120A-HYB2 MW 12:30pm - 1:45pm 15-week \$

Note: Students registering for MATH 120A in the 15-week session must also register for MATH A - Instruction with Algebra in the 15-week session.

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

MATH 127 - Statistics with Probability (4)

1301 MATH127-HYB1 M 5:00pm - 6:40pm 15-week

\$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under \$40.

MEDA: Medical Assisting

MEDA 109 - Medical Terminology (3)

1684 MEDA109-HYB1 TH 9:30am - 10:45am 15-week

1685 MEDA109-HYB2 TH 11:00am - 1:30pm 1st 7 1/2-week

MEDA 115 - Phlebotomy Skills (3)

1691 MEDA115-HYB1 W 1:00pm - 4:00pm 2nd 7 1/2-week

MEDA 209 - Pharmacology for Medical Office Practice (3)

1688 MEDA209-HYB1 TH 11:00am - 1:30pm 1st 7 1/2-week

NURS: Nursing

NURS 105 - Pharmacology for Nurses (2)

1817 NURS105-HYB1 W 9:00am - 11:00am 15-week

1818 NURS105-HYB2 W 12:00pm - 2:00pm 15-week

PHED: Physical Education

PHED 185 - Yoga (3)

1916 PHED185-HYB1 T 6:00pm - 8:30pm 1st 7 1/2-week

1041 PHED185-HYB2 T 6:00pm - 8:30pm 2nd 7 1/2-week

PHIL: Philosophy

PHIL 207 - Biomedical Ethics (3)

1838 PSYC101-HYB1 W 12:30pm - 1:45pm 15-week

PHSC: Physical Science

PHSC 101 - Survey of Physical Science (3)

2167 PHSC101-HYB1 T 6:00pm - 7:25pm 1st 7 1/2-week

PSYC: Psychology

PSYC 101 - General Psychology (3)

2059 PSYC101-HYB1 W 6:00pm - 7:15pm 1st 7 1/2-week

SOCY: Sociology

SOCY 101 - Introduction to Sociology (3)

2060 SOCY101-HYB1 W 6:00pm - 7:15pm 2nd 7 1/2-week



No/Low Cost Textbooks: At FCC, this symbol indicates specific course sections in which textbooks are available for less than \$40. These sections require regular access to the Internet as most of the resources are in a digital format. Note that certain no/low cost textbook courses (e.g., science labs, art studio classes) have textbooks available for less than \$40 but may require purchase of additional course materials and supplies.

CAMPUS LOCATIONS

FCC classes are held on the main campus, at The Monroe Center, online, and offsite at various locations throughout the community and surrounding areas.

Campus Locations

- A—Annapolis Hall
- B—Braddock Hall
- C—Catocin Hall
- D—Athletics Center
- E—Conference Center
- F—Visual & Performing Arts Center
- G—Gambrill Hall
- H—Student Center
- J—Jefferson Hall
- L—Linganore Hall
- P—Plant Operations
- S—Sweadner Hall
- K—Mercer-Akre Kiln

Addresses

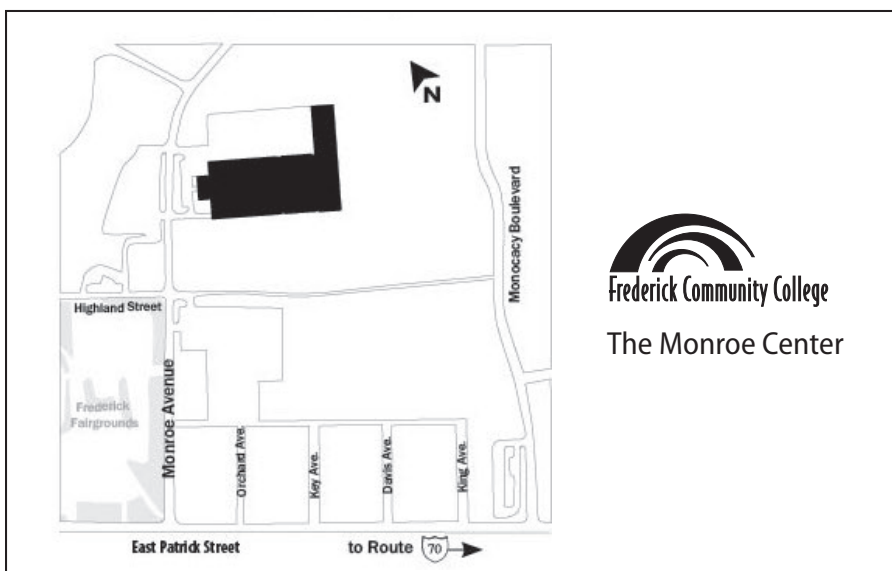
FCC Main Campus

7932 Opossumtown Pike
Frederick, MD 21702

The Monroe Center

200 Monroe Avenue
Frederick, MD 21701
240.629.7900

Visit frederick.edu for directions and hours of operation.



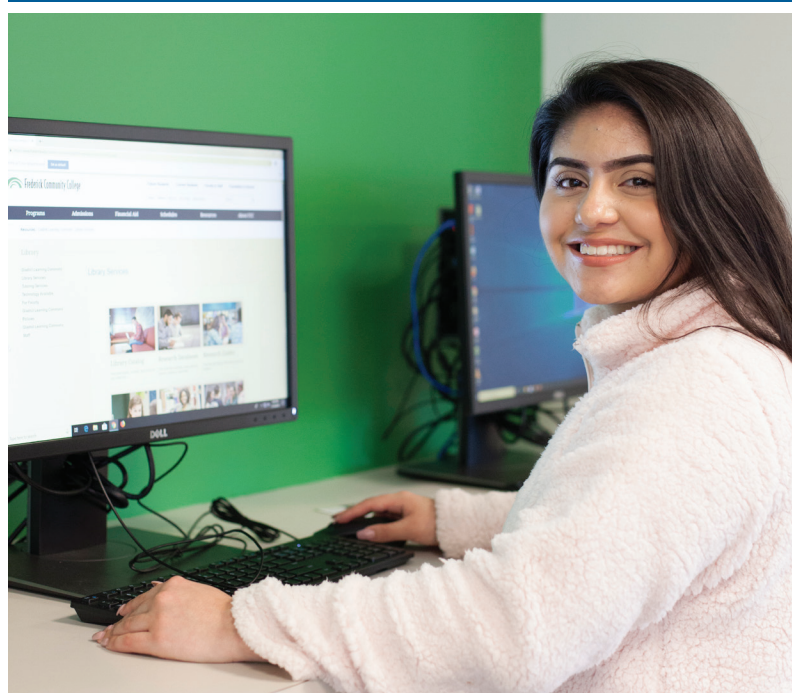
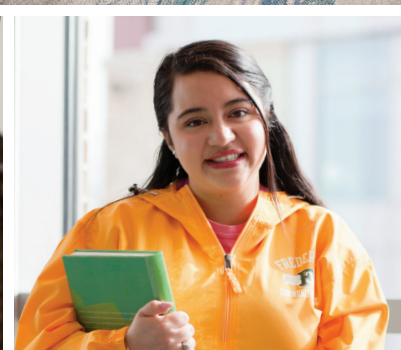

Frederick Community College
The Monroe Center



JEFFERSON HALL

Jefferson Hall reopened this spring after undergoing renovations to improve traffic flow, maximize existing space, incorporate technology, and provide a seamless student experience. The renovated space provides a welcoming environment for all, and includes a new organization of services and offices:

- **1ST FLOOR: Enrollment Center**
Welcome Desk, Student Accounts/Cashiers, Records, and Registration for both credit and non-credit classes
- **2ND FLOOR: College and Career Readiness Center**
Admissions, Counseling & Advising, and Career & Transfer Services
- **3RD FLOOR: Financial Services Center**
Billing, Collections, Financial Aid, and Learning Support Administrative Offices





Learning **Together.**



Frederick Community College