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Hours of Operation

**Jefferson Hall** (J Building)

1 FLOOR  **Enrollment Center** - Welcome Desk, Registration & Records, Student Finance

2 FLOOR  **College and Career Readiness Center** - Admissions, Counseling & Advising, and Transfer & Career Services

3 FLOOR  **Financial Services Center** - Financial Aid, Finance, Vice President for Learning Support

February, March, April, May, June, September, October, November, December (Non-Peak Hours)

Monday ........................................... 8:30 a.m. - 6:00 p.m.
Tuesday ........................................... 8:30 a.m. - 4:30 p.m.
Wednesday ...................................... 8:30 a.m. - 4:30 p.m.
Thursday* ....................................... 8:30 a.m. - 4:30 p.m.
Friday ............................................. 8:30 a.m. - 4:30 p.m.

*January, July, August (Thursday Peak Hours) open until 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.

**Bookstore**

Monday–Thursday ................................ 9:00 a.m. - 5:00 p.m.
Friday ............................................. 10:00 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.
SPRING 2020
Registration opens November 4, 2019
Priority Registration for Military opens November 1, 2019

ACADEMIC SESSIONS

Important Deadlines

<table>
<thead>
<tr>
<th>Important Dates</th>
<th>Spring Payment due date</th>
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</thead>
<tbody>
<tr>
<td>May 2020 graduation</td>
<td>Monday, January 6</td>
</tr>
<tr>
<td>Spring Break - College Holiday</td>
<td>Friday, January 24</td>
</tr>
<tr>
<td>No Classes, College Open</td>
<td>April 6-7</td>
</tr>
<tr>
<td>Spring Break - College Holiday</td>
<td>April 8-10</td>
</tr>
<tr>
<td>Classes Resume</td>
<td>April 13</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Important Dates</th>
<th>Winter Break - College Holiday</th>
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<tr>
<td>May 2020 graduation</td>
<td>Dec. 20 - Jan. 1</td>
</tr>
<tr>
<td>Spring Break - College Holiday</td>
<td>Monday, January 6</td>
</tr>
<tr>
<td>No Classes, College Open</td>
<td>April 6-7</td>
</tr>
<tr>
<td>Spring Break - College Holiday</td>
<td>April 8-10</td>
</tr>
<tr>
<td>Classes Resume</td>
<td>April 13</td>
</tr>
</tbody>
</table>

Please note: January term is now offered as sessions within the Spring semester

Important Dates

- Priority Registration for Military: Friday, November 1, 2019
- Winter Break - College Holiday: Dec. 20 - Jan. 1
- Spring Payment due date: Monday, January 6
- Dr. Martin Luther King, Jr. Day - College Holiday: Mon., January 20
- Spring Payment due date (registration after 1/6/20): Friday, January 24
- No Classes, College Open: April 6-7
- Spring Break - College Holiday: April 8-10
- Classes Resume: April 13

J 3-week (JW3)
- First day of session: January 3
- Last day to add: January 3
- Last day 100% refund: January 7
- Last day 50% refund: January 9
- Last day to withdraw: January 15
- Last day of session: January 21
- Grades due (10 a.m.): January 24

J 5-week (JW5)
- First day of session: January 6
- Last day to add: January 7
- Last day 100% refund: January 10
- Last day 50% refund: January 17
- Last day to withdraw: January 29
- Last day of session: February 10
- Grades due (10 a.m.): February 13

1st 10-week (10A)
- First day of session: January 27
- Last day to add: January 30
- Last day 100% refund: January 31
- Last day 50% refund: February 7
- Last day to withdraw: March 12
- Last day of session: April 4
- Grades due (10 a.m.): April 15

1st 5-week (5W1)
- First day of session: January 27
- Last day to add: January 28
- Last day 100% refund: January 31
- Last day 50% refund: February 7
- Last day to withdraw: February 17
- Last day of session: February 29
- Grades due (10 a.m.): March 3

13-week (13W)
- First day of session: February 10
- Last day to add: February 14
- Last day 100% refund: February 14
- Last day 50% refund: February 21
- Last day to withdraw: April 1
- Last day of session: May 16
- Grades due (10 a.m.): May 20

2nd 10-week (10B)
- First day of session: March 2
- Last day to add: March 5
- Last day 100% refund: March 6
- Last day 50% refund: March 13
- Last day to withdraw: April 23
- Last day of session: May 16
- Grades due (10 a.m.): May 20

2nd 7 1/2-week (7H1)
- First day of classes: January 27
- Last day to add: January 29
- Last day 100% refund: January 31
- Last day 50% refund: February 7
- Last day to withdraw: February 27
- Last day of session: March 17
- Grades due (10 a.m.): March 20

2nd 7 1/2-week (7H2)
- First day of classes: March 18
- Last day to add: March 20
- Last day 100% refund: March 24
- Last day 50% refund: March 31
- Last day to withdraw: April 28
- Last day of session: May 16
- Grades due (10 a.m.): May 20

Note: PeopleSoft session codes listed next to sessions in parentheses
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.

Spring 2020 Tuition & Fees Chart *

<table>
<thead>
<tr>
<th>Credits</th>
<th>In-County</th>
<th>Out-Of-County</th>
<th>Out-Of-State</th>
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</table>

* 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 (ASL 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 HTC1 course. Some courses require a chef uniform and basic knife or pastry set.

Expedited Transcripts Fee (see pg. 71 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.

Surgeon General 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.

Spring payment due dates:

- Monday, January 6, 2020 • 6:00 p.m.
- Friday, January 24, 2020 • 4:30 p.m.
  (registration after 1/6/20)

Note: If the college is closed due to inclement weather on either due date, the payment deadline will be extended and will occur the day the college reopens. If the college has a delayed opening on either due date, the payment deadline will remain the same. Payment in full and payment plans can be made online through PeopleSoft, myFCC.frederick.edu to log in.

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 your 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 myFCCfrederick.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 refunds 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)
- Direct deposit to your bank account (refunds available 2-3 business days)

For more information: www.refundselection.com

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)
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.
   - Select Admissions
   - Click Apply
   - 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 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.

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

6) Pay for classes
   Payments can be made online through PeopleSoft or by visiting Student Finance (1st Floor, J-Building)
   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.

NOTE: For more information about admission and enrollment please go to frederick.edu/admissions

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” refers to courses that prepare students for college-level coursework in reading, writing, English as a Second Language or Other Language (ESOL), and math. Developmental education may include multiple course sequences with students progressing as skills are developed. Students are assigned to developmental courses based on their placement test scores.
   E. “Enrollment” refers to 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. “Continuously Enrolled” refers to the requirement that a student be enrolled continuously with breaks no longer than four (4) consecutive full academic semesters (fall or spring semesters).
   H. “Readmitted Students” refers to individuals who have attended FCC within the past two years and have reapplied for admission to the College.
   I. “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.
   G. “Prerequisites” refers to expectations that must be met before enrollment in a course is allowed.
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.
   7. Individuals who are registering for non-credit courses with prerequisites of reading, writing, ESL, or mathematics that are provided through contract training or offered in the Continuing Education and Workforce Development (CEWD) course schedule.

B. Upon completion of all required placement tests, individuals are required to consult with an advisor to develop a degree, certificate, or appropriate 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 V “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 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 once per Accuplacer assessment, no sooner than twenty-four (24) hours after the initial assessment.

H. Students who are continuously enrolled will not be permitted to retest once they have started attending a developmental course(s).

I. Readmitted students must either retest or complete the developmental requirements as stipulated in the current FCC Academic Catalog.

J. Individuals who demonstrate college-readiness scores and/or exemptions have expired.

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 transferring from an accredited U.S. institution of higher education who present unofficial and/or official transcripts indicating successful completion (cumulative 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 one or more of the following:
   1. The equivalent of FCC course ENGL 101 or the first college-level English composition course at an accredited U.S. institution or credit through DSST (DANTES), 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 from the test date.
   3. The International Baccalaureate (IB) exams with a grade of 4 or above in one or more of the following exams: Language A Literature SL or HL, and/or Language B: Language & Literature SL or HL. IB test scores are valid for five years from the test date.
   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® Reasoning Through Language Arts test with a score of 165 or higher. GED® scores are valid for one year from the test date.

C. Individuals will be exempted from the math placement tests if they provide evidence of successfully completing one or more of the following:
   1. A general education math course, at the college level, at an accredited U.S. institution or credit through DSST (DANTES) 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 from the test date.
   3. The International Baccalaureate (IB) exams with a grade of 4 or above in one or more of the following exams: Mathematical Studies, Mathematics SL or HL and/or Further Math. IB test scores are valid for five years from the test date.
   4. Algebra II PARCC score of Level 4 or 5, or a Geometry PARCC score of Level 4 or 5 for juniors completing Geometry. 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. GED® scores are valid for one year from the test date.

D. Individuals from Frederick County Public Schools (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 high school graduation.
   1. Algebra II with an A or B completed within the past two years are eligible to enroll in an appropriate college-level, credit-bearing math course (with the exception of pre-calculus or higher).
   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 Schools (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, 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 ENGL 101. This exemption is valid for one year after the individual’s date of high school graduation.

F. Individuals who have provided a copy of their SAT/ACT scores that meet the exemption criteria set by statewide agreements will be exempted from individual placement tests. SAT and ACT scores are valid for five years from the test date.

1. Individuals with an SAT Mathematics score of 500 or higher when taken before 8/1/17 or 530 or higher when taken after 8/1/17 are exempted from math placement testing.

2. Individuals with an ACT Mathematics score of 21 or higher are exempted from math placement testing.

3. Individuals with an SAT Critical Reading score of 500 or higher when taken before 8/1/17 or an Evidence-based Reading & Writing score of 480 or higher when taken after 8/1/17 are exempted from reading and writing placement testing.

4. Individuals with an ACT reading score of 21 or higher average on the English Test & Reading Test scores are exempted from 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 paper-based 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 from the test date.

H. Individuals who provide a copy of their official Accuplacer or alternative placement test score(s), and meet the FCC 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 from the test date. The Associate Vice President for the Center for Teaching and Learning or their 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, and/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 degree or higher, 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 three placement test attempts, unless otherwise permitted by a specific FCC program.

M. 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 may take the placement tests twice. Individuals may retake the placement test a third time within six months of high school graduation, with an unofficial transcript or report card indicating successful completion of grade 12 English and/or math, and verification of their placement testing records by the Testing Center.

N. Individuals who are otherwise exempted by the Associate Vice President for the Center for Teaching and Learning or their designee.

O. Individuals who are juniors, seniors, and/or graduates of Maryland Public High Schools and present a transcript that verifies a cumulative, unweighted high school GPA of 3.0 or better will be exempt from taking the reading, writing, and mathematics placement testing. This measure does not apply to grades earned in English as a Second or Other Language (ESL/ESOL) courses. This GPA exemption will be valid for five years after the date of the individual’s high school graduation.

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

**Readmit Students**

If you’ve attended FCC before, but not since the Fall 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 advisor.

- Students with declared majors (such as business, education, criminal justice, etc.) should meet with their faculty advisor. Faculty advisor’s names and contact information can be found on page 12 and at frederick.edu/student-resources/counseling-advising.

- General studies, undecided, and pre-health professions (pre-clinical) students should make an appointment using the online scheduling tool on the Counseling & Advising webpage (above link). A Quick Question advisor is available for walk-ins.

- 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 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

To receive discounts, students should submit paperwork to the Student Finance office located in Jefferson Hall (1st Floor). See page 2 for applicable payment due dates.

Early College

FCPS high school students may apply for acceptance into the Early College program. Early College students have the opportunity to complete their high school diploma and earn an AA degree simultaneously. Program requirements and additional information are located at http://frederick.edu/de

Open Campus - Courses held on FCC 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 - Courses attended at FCPS High School

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.

Payment for high school based classes is due Tuesday, January 28, 2020 by 4:30 p.m.

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-nowvisiting-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
- Apply for graduation
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 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.

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 who 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) 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).

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 below) types determine residency as indicated:

<table>
<thead>
<tr>
<th>Visa Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Diplomats, family, staff</td>
</tr>
<tr>
<td>B</td>
<td>Temporary visitor</td>
</tr>
<tr>
<td>C</td>
<td>Aliens in transit</td>
</tr>
<tr>
<td>D</td>
<td>Treaty trader, Taiwan only</td>
</tr>
<tr>
<td>E</td>
<td>Student and dependents</td>
</tr>
<tr>
<td>F</td>
<td>Representative of a world organization</td>
</tr>
<tr>
<td>G</td>
<td>Temporary worker and dependents</td>
</tr>
<tr>
<td>H1 and H4</td>
<td>Other specialty workers</td>
</tr>
<tr>
<td>I</td>
<td>Foreign media, journalist</td>
</tr>
<tr>
<td>J</td>
<td>Exchange visitor, Au pair, scholar</td>
</tr>
<tr>
<td>K</td>
<td>Fiancé of U.S. citizen/Frederick County resident</td>
</tr>
<tr>
<td>L</td>
<td>Intra-company transferee</td>
</tr>
<tr>
<td>M</td>
<td>Foreign vocational student, dependents</td>
</tr>
<tr>
<td>R</td>
<td>Religious worker</td>
</tr>
<tr>
<td>TN</td>
<td>Professionals under NAFTA agreement</td>
</tr>
<tr>
<td>V</td>
<td>Spouse or child of permanent resident</td>
</tr>
<tr>
<td>Permanent Resident; Green Card; Refugee; Asylee</td>
<td>In-County</td>
</tr>
</tbody>
</table>
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 and Records and complete the “Change of Address” form available either online at www.frederick.edu or in Registration and Records 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 within the Enrollment Center 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 residency during a semester and provides proof after the “last day to add” will have their residency adjusted for the following semester.

C. 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 in-county tuition rates for students working within Frederick County. Employer must offer a tuition reimbursement program to employees. For details please call the Student Finance Office at 301.846.2456 or email studentaccounts@frederick.edu.

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.

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

For information regarding the use of military tuition assistance (TA), the Maryland National Guard waiver, or MyCAA, please contact the Veteran and Military Services office (A109) or 301-624-2836.

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 Finance 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 December 13, 2019 for Spring 2020 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 with Tuition Waiver

HB104, enacted by the 2011 Maryland General Assembly, redefines the tuition waiver for community college students with disabilities as those out of the workforce 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 coursework.

Application Process

1. Complete the 2019–2020 Free Application for Federal Student Aid (FAFSA) online at fsa.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 Spring 2020 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.

<table>
<thead>
<tr>
<th>If you register for classes between</th>
<th>FAFSA and all required documentation must be completed by</th>
<th>Payment due by</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/4 - 1/6, 5:30 p.m.</td>
<td>12/6</td>
<td>1/6, 6:00 p.m.</td>
</tr>
<tr>
<td>1/6-1/24, 4:00 p.m.</td>
<td>1/3</td>
<td>1/24, 4:30 p.m.</td>
</tr>
<tr>
<td>After 1/24</td>
<td>Must pay in full or enroll in payment plan</td>
<td>If enrolled after 1/24 by session start date</td>
</tr>
</tbody>
</table>

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:

• November 1 - December 31 for Spring 2020

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 students with disabilities. The specific 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

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.

BOOKSTORE
The bookstore is located at the main entrance of the Student Center, Building H.
For the most current information on Bookstore hours, buyback and textbook requirements, please visit us at bookstore.frederick.edu.

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 |
| Online Learning and Instructional Innovations | 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 Finance (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

Computing and Business Technology (CBT)
Academic Office Manager (C-220): Doree Lynn Miles .......................... 301.846.2505
Accounting, CPA Prep: Mike Martin ................................................. 301.846.2543
Business Administration, Business Management,
Economics: Dr. Karen A. Wilson .................................................... 301.624.2848
Computer Science, Data Science, Information Systems Management,
Information Technology-all options, Cybersecurity: James Hatch. .......................... 301.624.2769
Paralegal: Dr. Tracy Parker .............................................................. 301.624.2819
STEM (Technology): James Hatch .................................................... 301.624.2769

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: Dr. Paula Chipman ........................................... 301.846.2566
Mass Communication: 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 & Applied Technologies Institute
(The Monroe Center)
Building Trades Technology: Chuck LoSchiavo .................................. 240.629.7902
Computer Aided Design Technology: Chuck LoSchiavo .................. 240.629.7902
Construction Management Technology: Chuck LoSchiavo ................. 240.629.7902
Office Manager (Monroe, MC-152C):
Cheryl Concannon ....................................................................... 240.629.7903
Program Manager: Chuck LoSchiavo ............................................. 240.629.7902

Emergency Management
Program Manager (L-1068): Sam Lombardo .................................... 240.629.7952

English
Academic Office Manager (H-243): Cheryl Peterson ....................... 301.846.2600
Developmental English: Joe Healey ............................................... 301.846.2633
English: Frederick Cope ............................................................... 301.846.2584
ENGL101 Coordinator: Bryan Hiatt .............................................. 301.846.2511
English as a Second Language (A106C): Kathy Green .................... 240.629.7925

Health Science
Academic Office Manager (L-101A): Ann Geyer ............................... 301.846.2605
Director of Nursing Education, Nursing: Vanessa Lovato ................ 301.846.2607
Academic Office Manager (L-114G): Marie Lalor ............................ 301.846.2524
Health & Exercise Sciences: Jan Sholes .......................................... 301.846.2503
Medical Assistant: Michele Tertel .................................................. 301.624.2845
Respiratory Care: Rhonda Patterson ............................................. 301.846.2528
Surgical Technology: Nancy Dankanich ........................................ 301.846.2506

Honors
Dr. Bruce Thompson ...................................................................... 301.846.2535

Hospitality, Culinary and Tourism Institute (HTCI)
(The Monroe Center)
Institute Manager: Elizabeth DeRose ............................................ 301.846.2404
Administrative Associate (Monroe, MC-152B): Sheila Stewart ............ 240.629.7912

Internship & Apprenticeships
Internship & Apprenticeship Coordinator: Carla Milan ..................... 301.624.2724

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

Science
Academic Office Manager (C-118): Sharon Smith ............................ 301.846.2510
Biotechnology: Program Manager .................................................. 301.846.2646
STEM (Science):
Biology and Chemistry: Dr. Teresa Calzonetti ............................. 301.846.2557
Engineering: Dr. Perry Wood ....................................................... 301.846.2554

Social Sciences & Education
Academic Office Manager (H-242): Nicole Welch .................. 301.846.2507
Anthropology/Archaeology, History, Political Science:
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
Criminal Justice: Robin Shusko ...................................................... 301.846.2673
Fire Service Administration,
Police Sciences: Robin Shusko ...................................................... 301.846.2673
GENERAL EDUCATION COURSES

Spring 2020 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)
   FILM 101H - 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 105 - Small Group Communication (3)
   COMM 107 - Career Communication (3)
   COMM 111 - Introduction to Mass Communication (3)
   ENGL 102 - English Composition and Literature (3)
   † ENGL 102H - English Composition and Literature (3)
   † ENGL 241 - Journalism Publication Practicum (3)

   Humanities
   † HUMN 107 - Cultural Studies: Asia (3)
   † HUMN 204 - World Religions (3)
   † HUMN 204H - World Religions (3)
   † HUMN 210 - The Language of Hip Hop (3)

2. English

   English
   ENGL 101 - English Composition (3)
   † ENGL 102 - English Composition and Literature (3)
   † ENGL 102H - English Composition and Literature (3)
   ENGL 202 - British Literature Eighteenth Century through the Present (3)
   † ENGL 202H - World Literature 1650 C.E. through the Present (3)
   ENGL 206 - World Literature 1650 C.E. through the Present (3)
   † ENGL 216 - The Short Story (3)
   † ENGL 226 - Film as Literature (3)
   † ENGL 230 - African American Literature (3)
   † ENGL 241 - Journalism Publication Practicum (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)
   HLTH 160 - Stress Management (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 156 - 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 202H - 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)
PHS 101 - Survey of Physical Science (3)
PHSC 104 - Survey of Oceanography (3)
PHSC 105 - Survey of Meteorology (3)
PHSC 109 - Energy and Society (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 122 - Historical Geology (4)
PHYS 101 - Survey of Physics (3)
PHYS 122 - Fundamentals of Physics II (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 202 - Principles of Microeconomics (3)
ECON 202H - Principles of Microeconomics (3)

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

Geography
GEOG 101 - Elements of Geography (3)
+ GEOG 102 - Cultural Geography (3)
+ GEOG 201 - Urban Social Geography (3)

History
HIST 101 - History of Western Civilization I (3)
HIST 102 - History of Western Civilization II (3)
+ HIST 122 - World History II (3)
HIST 201 - History of the United States I (3)
HIST 202 - History of the United States II (3)
HIST 202H - History of the United States II (3)
HIST 220 - World War II (3)
HIST 221 - The Sixties (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
EDUC 230 - Foundations of Special Education
EMGT 213 - Social Impacts of Disaster
ENGL 206 - World Literature 1650 C.E. through the Present
ENGL 230 - African American Literature
ENGL 241 - Journalism Publication Practicum
GEOG 102 - Cultural Geography
GEOG 201 - Urban Social Geography
HIST 122 - World History II
HUMN 107 - Cultural Studies: Asia
HUMN 204 - World Religions
HUMN 204H - World Religions
HUMN 210 - The Language of Hip Hop
HUMS 102 - Human Relations
MUSC 201 - Music Cultures of the World
NURS 101 - Introduction to Clinical Nursing
SOCY 102 - Social Problems
SOCY 210 - Ethnic Diversity
SOCY 212 - Gender and Society
SPAN 201 - Intermediate Spanish I
SURG 130 - Introduction to Surgical Technology (6)
## ACCE: Academic and Career Engagement

### ACCE110H - 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.

3070 ACCE110H-1C TTH 12:30pm - 1:45pm 15-week $374  
$Note: No/Low Cost Course Section: The textbook costs for this course are under $40.

### ACCE130 - 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.

3069 ACCE130-1 TH 5:30pm - 8:25pm 15-week  
3067 ACCE130-HYB1 TTH 12:30pm - 1:45pm 15-week

### ACCT: Accounting

#### ACCT101 - 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.

3003 ACCT101-1 T-F 9:00am - 12:45pm January 3-week $535  
3041 ACCT101-2 MW 11:00am - 12:15pm 15-week  
3042 ACCT101-3 MW 2:00pm - 3:15pm 15-week  
3043 ACCT101-4 TH 8:00am - 9:15am 15-week  
3044 ACCT101-5 TH 9:30am - 10:45am 15-week  
3045 ACCT101-6 TH 11:00am - 12:15pm 15-week  
3046 ACCT101-7 M 5:00pm - 7:35pm 15-week  
3047 ACCT101-HYB1 T 6:00pm - 8:35pm 1st 7 1/2-week  
3048 ACCT101-ONL1 ONLINE 15-week $312  
$Note: No/Low Cost Course Section: The textbook costs for this course are under $40.

#### ACCT102 - 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.

3049 ACCT102-1 MW 12:30pm - 1:45pm 15-week $374  
3050 ACCT102-2 TH 9:30am - 10:45am 15-week $374  
3051 ACCT102-3 TTH 12:30pm - 1:45pm 15-week $374  
3052 ACCT102-4 W 5:00pm - 7:35pm 15-week $374  
3053 ACCT102-HYB1 T 6:00pm - 8:35pm 2nd 7 1/2-week  
3054 ACCT102-ONL1 ONLINE 15-week $312  
$Note: No/Low Cost Course Section: The textbook costs for this course are under $40.

#### ACCT111 - 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.

3062 ACCT111-HYB1 SAT 9:00am - 12:00pm 2nd 7 1/2-week  
$Note: On-campus sessions: first and last Saturday only; 03/21 and 05/09; Students advised to purchase book with software from FCC Bookstore

#### ACCT117 - Payroll Accounting (3)
Prerequisites: ENGL 70 OR (ENGL 75 OR (ESOL 72 and ESOL 73)) AND (ACCT 100 or ACCT 101)

Examines the concepts, regulations, laws and procedures related to payroll accounting. The course is comprehensive and detailed to prepare students to be competent to account for the payroll of all businesses. Includes hands-on preparation of all payroll forms, schedules, records, and applications of different systems.

3055 ACCT117-1 TH 5:00pm - 7:35pm 15-week

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### 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.

### CREDIT OFFERINGS

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.
ACCT202 - Intermediate Accounting II (4)
Prerequisites: (ACCT 100 and ACCT 101) or (ACCT 101 and ACCT 102) or ACCT 201
Provides an intensive study of accounting for tangible and intangible assets, current and non-current liabilities, stockholders' equity, and investments. Emphasis is placed on proper accounting and financial statement disclosure of earnings per share, leases, deferred income taxes, and accounting changes, with an analysis of time value of money applications.
3056 ACCT202-HYB1 M 5:00pm - 7:05pm 15-week

ACCT203 - 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.
3057 ACCT203-1 TH 5:00pm - 7:35pm 15-week $\$
Note: No/Low Cost Course Section. The textbook costs for this course are under $40.

ACCT233 - Applied Accounting (3)
Prerequisites: ACC 111, ACCT 201, and EMGS 111E
Provides students with hands-on experiences completing the daily duties and tasks required of a staff accountant. During the first half of the course, students review the accounting concepts related to the duties and tasks. During the second half of the course, they apply their knowledge of accounting principles and procedures to complete the duties and tasks. Students work in a simulated business environment using accounting application software.
3059 ACCT233-HYB1 T 5:00pm - 6:15pm 15-week

ANTH: Anthropology

ANTH101 - 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.
3143 ANTH101-1 MW 9:30am - 10:45am 15-week
3266 ANTH101-2 MW 2:00pm - 3:15pm 15-week
3277 ANTH101-3 TH 8:00am - 9:15am 15-week
3142 ANTH101-4 TH 11:00am - 12:15pm 15-week
3026 ANTH101-ONL1 ONLINE January 3-week
Note: This course is scheduled in an accelerated format of 14 workdays (not counting Sundays). Be mindful that it covers the same material as a 15 week course in this condensed time frame. If you are unable to devote a significant number of hours each day you may have difficulty being successful. Please consider the time you can dedicate to this course before enrolling.
3144 ANTH101-ONL2 ONLINE 15-week

ARBC: World Languages: Arabic

ARBC101 - Introductory Arabic I (3)
Gen Ed Humanities
(formerly LAR 101)
Introduces the fundamentals of the Arabic language both written and spoken. Offers a strong foundation in the language through development of vocabulary, grammar, reading, and conversational skills. Offers insights into Arabic culture and customs.
3892 ARBC101-1 TTH 12:30pm - 1:45pm 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.

ARTT100 - 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.
3145 ARTT100-1 MW 9:30am - 10:45am 15-week
3146 ARTT100-2 MW 11:00am - 12:15pm 15-week
3148 ARTT100-3 TTH 9:30am - 10:45am 15-week
3147 ARTT100-4 TTH 11:00am - 12:15pm 15-week
3149 ARTT100-ONL1 ONLINE 15-week
3272 ARTT100-ONL2 ONLINE 2nd 7 1/2-week

ARTT101 - Foundations of Studio Art I (3)
Gen Ed Arts
Prerequisite: ARTT 101
(formerly AR 102)
Builds on the design concepts of ARTT 101. Explores the principles of visual organization and communication using color and three-dimensional form.
3150 ARTT101-1 MW 12:30pm - 2:30pm 15-week
3151 ARTT101-2 TTH 9:30am - 11:30am 15-week
3152 ARTT101-3 TTH 12:30pm - 2:30pm 15-week
Note: Students must furnish own supplies.

ARTT103 - 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.
3155 ARTT103-ONL1 ONLINE 15-week

ARTT104 - 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.
3156 ARTT104-1 TTH 12:30pm - 1:45pm 15-week
3245 ARTT104-ONL1 ONLINE 13-week
ARTT105 - 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.
3157 ARTT105-1  MW  2:00pm - 3:15pm  15-week

ARTT106 - 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.
3012 ARTT106-1  T-F  9:00am - 12:45pm  January 3-week
3021 ARTT106-2  T-F  9:00am - 12:45pm  January 3-week
3282 ARTT106-3  MW  8:00am - 10:00am  15-week
3158 ARTT106-4  MW  9:30am - 11:30am  15-week
3159 ARTT106-5  TH  10:00am - 12:00pm  15-week
3161 ARTT106-6  W  12:30pm - 3:30pm  15-week
3160 ARTT106-7  TH  12:30pm - 3:30pm  13-week
3279 ARTT106-8  F  9:00am - 1:00pm  15-week
3162 ARTT106-9  M  5:30pm - 9:30pm  15-week

ARTT107 - Drawing II (3)
Prerequisite: ARTT 106
(formerly AR 107)
Continues ARTT 106 with advanced analysis of problems involved in drawing. Introduces new materials and avenues of expression with a special emphasis on color. Students will further develop and refine drawing techniques while exploring personal content and style. Students must furnish supplies.
3163 ARTT107-1C  TH  5:30pm - 9:30pm  15-week

ARTT110 - 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.
3175 ARTT110-1C  F  9:00am - 1:00pm  15-week

ARTT111 - 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.
3176 ARTT111-1C  F  9:00am - 1:00pm  15-week

ARTT113 - 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.
3166 ARTT113-1  M  12:30pm - 4:30pm  15-week
3167 ARTT113-2  T  12:30pm - 4:30pm  15-week
3168 ARTT113-3  W  9:00am - 1:00pm  15-week
3169 ARTT113-4  TH  9:00am - 1:00pm  15-week
3328 ARTT113-5  SAT  9:00am - 1:00pm  15-week
3170 ARTT113-6  M  5:30pm - 9:30pm  15-week
3171 ARTT113-7  W  5:30pm - 9:30pm  15-week
Note: Students must furnish own supplies.

ARTT114 - 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.
3248 ARTT114-1  F  9:00am - 1:00pm  15-week

ARTT204 - 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.
3172 ARTT204-1C  MW  12:30pm - 2:30pm  15-week

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**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.
### ASLS: American Sign Language Studies

#### ASLS121 - American Sign Language I (3)
**Prerequisite:** ASLS 106 (formerly AR 106)

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.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Credits</th>
<th>Type</th>
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<tr>
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<td>9:00am - 11:45pm</td>
<td>3</td>
<td>15-week</td>
</tr>
</tbody>
</table>

#### ASLS122 - American Sign Language II (4)
**Prerequisite:** ASLS 107 (formerly AR 107)

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/expansive skills. Features additional information about the Deaf community and Deaf culture.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Credits</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>3187 ASLS122-1</td>
<td>MW</td>
<td>9:00am - 10:45am</td>
<td>4</td>
<td>15-week</td>
</tr>
<tr>
<td>3188 ASLS122-2</td>
<td>TTH</td>
<td>1:00pm - 2:45pm</td>
<td>4</td>
<td>15-week</td>
</tr>
<tr>
<td>3189 ASLS122-3</td>
<td>TTH</td>
<td>6:00pm - 7:45pm</td>
<td>4</td>
<td>15-week</td>
</tr>
</tbody>
</table>

#### ASLS123 - 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Credits</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>4191 ASLS225-1</td>
<td>TTH</td>
<td>2:00pm - 3:45pm</td>
<td>3</td>
<td>15-week</td>
</tr>
</tbody>
</table>

#### ASLS223 - American Sign Language III (4)
**Prerequisite:** ASLS 106 (formerly AR 106)

Examines the unique culture of the Deaf Community. Some topics covered include attitudes towards Deaf culture. Includes interaction with the deaf community in both directed and non-directed activities.

<table>
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<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Credits</th>
<th>Type</th>
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<tr>
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<td>MW</td>
<td>9:30am - 11:15am</td>
<td>4</td>
<td>15-week</td>
</tr>
</tbody>
</table>

#### ASLS224 - American Sign Language IV (4)
**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, narrations, and conversations 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Credits</th>
<th>Type</th>
</tr>
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<tbody>
<tr>
<td>3195 ASLS224-1</td>
<td>MW</td>
<td>6:00pm - 7:45pm</td>
<td>4</td>
<td>15-week</td>
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</tbody>
</table>

#### ASLS225 - American Sign Language V (4)
**Prerequisite:** Grade of B or better in ASLS 224 or ASLS 203 (formerly ASLS 207 experimental)

Continues the American Sign Language sequence. Features comprehension in medium and longer stories, narrations, and conversations 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Credits</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>4191 ASLS225-1</td>
<td>TTH</td>
<td>2:00pm - 3:45pm</td>
<td>4</td>
<td>15-week</td>
</tr>
</tbody>
</table>

#### ASLS230 - Deaf Culture and Oppression (3)
**Prerequisites:** ASLS 124 or ASLS 106 and (Grade of B or better in ASLS 224 or ASLS 203); Co-requisite: ASLS 232 and INTP 114

Examines the unique culture of the Deaf Community. Some topics covered include attitudes from and towards the Deaf, values (family, social, political), humor, storytelling, athletics, performing arts, jokes, organizations, clubs, educational issues, and the diversity of membership. Reviews how current advances in technology have changed the culture. This course also examines various forms of oppression by looking across different cultures and communities, then examines possible parallels occurring within the deaf community.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Credits</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>4247 ASLS230-1</td>
<td>M</td>
<td>6:00pm - 8:35pm</td>
<td>3</td>
<td>15-week</td>
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</table>
ASLS232 - ASL Linguistics (3)
Prerequisites: Grade of B or better in ASLS 225, INTP 104, and INTP 112; Co-requisite: ASLS 230 and INTP 114
(formerly ASLS 211)
Introduces students to the linguistics of American Sign Language (ASL) and English. Provides an
introductory study of the phonological, morphological, lexical, syntactic, and discourse. Reviews the
similarities and differences between signed languages and spoken languages. Introduces basic theories
regarding ASL structure and emphasizes ASL status as a natural language by comparing and contrasting
similarities and unique differences between the two.
3280 ASLS232-1 TTH 6:00pm - 7:15pm 15-week

ASLS250 - ASL Immersion Experience (1)
Prerequisite: Grade of C or better in ASLS 223 or ASLS 202
Provides American Sign Language students with an opportunity to gain knowledge and skills from
a planned outside the classroom experience with native ASL users in the community. In addition to
meeting the Core Learning Outcomes students will gain invaluable language experience in an immersion
experience.
3288 ASLS250-1 FASAU 1st 5-week
3289 ASLS250-2 FASAU 1st 5-week

BIOT: Biotechnology

BIOT110 - Biotechnology Measurements (4)
Prerequisite or Co-requisite: BIOT 103
(formerly BPM 110)
Examines methods of measurement and monitoring used in biotechnology. Emphasizes measurements of
pH and temperature as well as spectrophotometry and biochemical and analytical methods.
3235 BIOT110-HYBC ONLINE 15-week
3236 BIOT110-HYBB M 6:00pm - 8:30pm 15-week
Note: Students must register for corresponding lecture (LC) and lab (LB).

BIOT130 - 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.
3262 BIOT130-1LC T 11:00am - 1:35pm 15-week
3263 BIOT130-1LB TH 11:00am - 1:30pm 15-week
3136 BIOT130-HYBC ONLINE 15-week
3137 BIOT130-HYBB W 6:00pm - 8:30pm 15-week
Note: Students must register for corresponding lecture (LC) and lab (LB).
3211 BIOT130-ONL1 ONLINE 13-week

BIOT140 - 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 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 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.
3264 BIOT140-ONL1 ONLINE 15-week

BIOT214 - Techniques in Biotechnology and Bioprocessing (4)
Prerequisites: (BSCI 223 or BI 120 or BI 263 or BI 203) and (BIOT 102 and BIOT 110)
(formerly BPM 214)
Introduces practices used in the industry to manufacture a biological material or product, as well as
problem-solving strategies. Emphasizes and demonstrates aseptic technique, upstream and downstream
processes, and quality control through hands-on laboratory activities.
3237 BIOT214-1LC T 6:30pm - 9:05pm 15-week
3238 BIOT214-1LB TH 6:30pm - 9:00pm 15-week
Note: Students must register for corresponding lecture (LC) and lab (LB).

BIOT220 - Cell and Molecular Biology and Tissue Culture (4)
Prerequisites: (BSCI 150 or BI 101) and CHEM 101
(formerly BI 220)
Introduces cellular organization, regulation, energy transport, and division. Discusses gene expression and
interaction in relation to cellular biology. Presents tissue culture in the laboratory setting as a medium for
bioprocess manufacturing. May include one or more mandatory field trips and/or guest lecturers.
3233 BIOT220-HYBC ONLINE 15-week
3234 BIOT220-HYBB W 6:00pm - 8:30pm 15-week
Note: Students must register for corresponding lecture (LC) and lab (LB).
Note: The first 5 weeks will be held at FCC main campus and the final 10 weeks will be held at a non FCC lab space
less than 1 mile from FCC main campus.

Biotechnology Notes:
BIOT102 - Introduction to Biotechnology offered fall semester only.
BIOT103 - Laboratory Techniques offered fall semester only.
BIOT214 - Techniques in Biotechnology and Bioprocessing offered spring semester only.
BIOT220 - Cell and Molecular Biology and Tissue Culture offered spring semester only.

BLDT: Building Trades

BLDT101 - 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.
3073 BLDT101-1 M 6:00pm - 8:30pm 15-week
3241 BLDT101-2 T 6:00pm - 8:30pm 15-week
Note: Class held at FCC’s Monroe Center

BLDT110 - 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.
3074 BLDT110-HYB1 TTH 6:00pm - 9:00pm 1st 7 1/2-week
Note: Class held at FCC’s Monroe Center, Building Trades fee: $71.40

BLDT111 - Controls for HVACR (3)
Prerequisite: BLDT 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.
3075 BLDT111-HYB1 TTH 6:00pm - 8:30pm 2nd 7 1/2-week
Note: Class held at FCC’s Monroe Center, Building Trades fee: $71.40

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BLDT113 - Fossil Fuels & Hydronic Heating (3)
Prerequisite: BLDT 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.
Note: Class held at FCC’s Monroe Center, Building Trades fee: $71.40

BLDT120 - Introduction to Welding (4)
Prerequisite or Co-requisite: ENGL 70 or ENGL 75 or ESL 70 or ESL 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.
Note: Class held at FCC’s Monroe Center, Building Trades fee: $71.40

BLDT121 - Welding Symbols & Blueprint Reading (2)
Prerequisite or Co-requisite: ENGL 70 or ENGL 75 or ESL 70 or ESL 72
(formerly BLD 120)
Introduces various types of prints used in the welding industry. Topics include print reading, measurements, metallurgy, types of welds, and jointing symbols.
Note: Class held at FCC’s Monroe Center

BLDT140 - Fundamentals of Structural Wiring (4)
Prerequisite or Co-requisite: ENGL 70 or ENGL 75 or ESL 70 or ESL 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.
Note: Class held at FCC’s Monroe Center, Building Trades fee: $71.40

BLDT143 - Specialized Systems (3)
Prerequisite: BLDT 140 or BLD 141
(formerly BLD 146)
Covers topics in the electrical field such as CATS, CAT6, CAT7, 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.
Note: Class held at FCC’s Monroe Center, Building Trades fee: $71.40

BLDT212 - HVAC Installation & Troubleshooting (3)
Prerequisite: BLDT 117 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.
Note: Class held at FCC’s Monroe Center, Building Trades fee: $71.40

BLDT222 - Advanced Welding: SMAW (4)
Prerequisite or Co-requisite: BLDT 121 or BLD 120
(formerly BLD 122)
Focuses on Shielded Metal Arc Welding (SMAW). Students will perform a SMAW welding performance qualification test on limited thickness test plates in the 2G and 3G positions on carbon steel in accordance with American Welding Society D1.1 Structural Welding Code; this leads to an in-house certification.
Note: Class held at FCC’s Monroe Center, Building Trades fee: $71.40

BLDT225 - Advanced Welding: GMAW (3)
Prerequisite: BLDT 120 or BLDT 121, Prerequisite or Co-requisite: BLDT 121 or BLD 120
(formerly BLD 127)
Focuses on Gas Metal Arc Welding (GMAW), Flux Cored Arc Welding (FCAW), and oxyfuel cutting on carbon steel. Students will develop skills to weld groove welds in multiple positions. Students will perform GMAW and FCAW welder performance qualification tests on limited thickness test plates on carbon steel in accordance with American Welding Society D1.1 Structural Welding Code.

BMGT: Business Studies

BMGT103 - Introduction to Business (3)
Prerequisites: ENGL 70 or ENGL 75 or ESL 70 and ESL 71
(formerly BU 103)
Introduces the factors and forces that shape the dynamic world of business. Examines how leadership, communication, and teamwork are utilized by the best businesses to reach high levels of performance. Explores the functional areas of business (planning, management, finance, human resources, marketing) and how they interact to create goods and services that satisfy customers.

3357 BMGT103-HYB1 M 9:30am - 10:45am 15-week
3358 BMGT103-HYB2 M 11:00am - 12:15pm 15-week
4017 BMGT103-HYB3 M 12:30pm - 1:45pm 15-week
4219 BMGT103-HYB4 T 9:30am - 10:45am 15-week
3359 BMGT103-HYB5 T 11:00am - 12:15pm 15-week
3982 BMGT103-HYB6 T 6:00pm - 9:00pm 2nd 7 1/2-week
4098 BMGT103-HYB7 W 9:30am - 10:45am 15-week
4221 BMGT103-HYB8 W 11:00am - 12:15pm 15-week
4220 BMGT103-HYB9 W 12:30pm - 1:45pm 15-week
4099 BMGT103-HY10 TH 9:30am - 10:45am 15-week
3360 BMGT103-HY11 TH 12:30pm - 1:45pm 15-week
3361 BMGT103-HY12 F 9:30am - 12:30pm 2nd 7 1/2-week
3034 BMGT103-ONL1 ONLINE January 5-week
4016 BMGT103-ONL2 ONLINE 15-week
3362 BMGT103-ONL3 ONLINE 1st 10-week
4133 BMGT103-ONL4 ONLINE 2nd 10-week
3817 BMGT103-ONL5 ONLINE 2nd 7 1/2-week

$ Note: No/Low Cost Course Section: The textbook costs for this course are under $40.
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Description</th>
<th>Prerequisites/Co-requisites</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>3363</td>
<td>BMGT109 - Entrepreneurship and Small Business Enterprise (3)</td>
<td>Surveys starting and successfully managing a small business focusing on aspects of entrepreneurship including information, operations, human resources, finance, marketing, and general administration.</td>
<td>(ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-prerequisite: ENGL 75 (formerly BU 109)</td>
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<tr>
<td>3824</td>
<td>BMGT109-ONL1 ONLINE 15-week</td>
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<tr>
<td>3364</td>
<td>BMGT110 - Personal Financial Management (3)</td>
<td>Develops a comprehensive approach to managing personal finances including financial planning, budgeting, financing consumer purchases, risk management, investments, and retirement planning.</td>
<td>(ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-prerequisite: ENGL 75 (formerly BU 110)</td>
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<tr>
<td>3366</td>
<td>BMGT110-ONL1 ONLINE 15-week</td>
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<tr>
<td>3372</td>
<td>BMGT120 - Business Communications (3)</td>
<td>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.</td>
<td>(ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-prerequisite: BU 273 (formerly BU 273)</td>
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<tr>
<td>3373</td>
<td>BMGT120-ONL1 ONLINE 15-week</td>
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<tr>
<td>3377</td>
<td>BMGT211 - Business Law (3)</td>
<td>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.</td>
<td>(ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-prerequisite: BU 211 (formerly BU 211)</td>
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<td>3378</td>
<td>BMGT211-ONL1 ONLINE 15-week</td>
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<tr>
<td>4222</td>
<td>BMGT221 - Public Relations (3)</td>
<td>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.</td>
<td>(ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-prerequisite: BU 221 (formerly BU 221)</td>
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<tr>
<td>4009</td>
<td>BMGT221-ONL1 ONLINE 2nd 10-week</td>
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<tr>
<td>4115</td>
<td>BMGT223 - Human Resource Management (3)</td>
<td>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.</td>
<td>(ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-prerequisite: BU 223 (formerly BU 223)</td>
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<tr>
<td>4116</td>
<td>BMGT223-ONL1 ONLINE 15-week</td>
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<tr>
<td>3368</td>
<td>BMGT225 - Marketing (3)</td>
<td>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.</td>
<td>(ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-prerequisite: BU 225 (formerly BU 225)</td>
<td>$</td>
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<tr>
<td>3367</td>
<td>BMGT225-ONL1 ONLINE 15-week</td>
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<tr>
<td>4261</td>
<td>BMGT230 - Social Media Law (3)</td>
<td>Examines legal and ethical legal issues unique to social media. Review of how courts and regulators are shaping the law in response to information sharing and privacy, the rights of employers and school districts to restrict and discipline employee and student speech, and property rights in a social media account and its followers.</td>
<td>Co-prerequisite: BU 225 (formerly BU 225)</td>
<td>$</td>
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<tr>
<td>4262</td>
<td>BMGT230-ONL1 ONLINE 15-week</td>
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<tr>
<td>4263</td>
<td>BMGT234 - Social Media Law (3)</td>
<td>Explores the legal and ethical implications of social media use. Evaluates issues related to social media law and regulation.</td>
<td>(ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-prerequisite: BU 225 (formerly BU 225)</td>
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<tr>
<td>4264</td>
<td>BMGT234-ONL1 ONLINE 15-week</td>
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<tr>
<td>3370</td>
<td>BMGT272 - Fundamentals of Leadership (3)</td>
<td>Reviews principles of management in business and other organizations. Emphasizes management functions including planning, organizing, staffing, directing, coordinating, and communicating. Explores the role leaders play in strategic planning, change management, innovation, decision making, and motivating employees/teams.</td>
<td>Co-prerequisite: BU 272 (formerly BU 272)</td>
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<tr>
<td>3371</td>
<td>BMGT272-ONL1 ONLINE 15-week</td>
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<tr>
<td>3374</td>
<td>BMGT281 - Global Awareness in the Work Environment (3)</td>
<td>Gen Ed Emerging Issues; Cultural Competence. Promotes awareness of cultural diversity in a workplace. Analyzes and adapts business culture and structure to global environments.</td>
<td>(ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-prerequisite: BU 281 (formerly BU 281)</td>
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<td>3375</td>
<td>BMGT281-ONL1 ONLINE 15-week</td>
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</table>
ONLINE 15-week  
ONLINE 13-week  
ONLINE January 3-week  
ONLINE January 5-week  

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

3084  BSCI100-1LC MW  8:00am - 9:15am  15-week  
3085  BSCI100-11LB M  9:30am - 12:00pm  15-week  
3273  BSCI100-2LC MW  11:00am - 12:15pm  15-week  
3274  BSCI100-21LB M  12:30pm - 3:00pm  15-week  
3230  BSCI100-3LC M  12:30pm - 3:05pm  15-week  
3231  BSCI100-31LB W  12:30pm - 3:00pm  15-week  
3086  BSCI100-4LC MW  12:30pm - 1:45pm  15-week  
3087  BSCI100-41LB W  9:30am - 12:00pm  15-week  
3088  BSCI100-5LC T  8:00am - 10:35am  15-week  
3089  BSCI100-51LB TH  8:00am - 10:30am  15-week  
3196  BSCI100-6LC TTH  11:00am - 12:15pm  15-week  
3197  BSCI100-61LB TH  12:30pm - 3:00pm  15-week  
3249  BSCI100-7LC TTH  12:30pm - 1:45pm  15-week  
3250  BSCI100-71LB T  2:00pm - 4:30pm  15-week  
4241  BSCI100-8LC TH  8:00am - 10:35am  15-week  
4242  BSCI100-81LB T  8:00am - 10:30am  15-week  
3092  BSCI100-9LC TH  11:00am - 1:35pm  15-week  
3093  BSCI100-91LB T  11:00am - 1:30pm  15-week  
3090  BSCI100-10LC SAT  9:00am - 11:30am  15-week  
3091  BSCI100-101B SAT  12:00pm - 2:30pm  15-week  
3094  BSCI100-HYBC ONLINE  15-week  
3095  BSCI100-HYBB T  6:00pm - 8:30pm  15-week  

Note: Students must register for corresponding lecture (LC) and lab (LB).
BSCI150 - 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 206A or MATH 127 or MA 207 or appropriate score on mathematics placement test OR Prerequisite or Co-requisite: MATH 165 or MA 1111 (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.

Note: Students enrolling in BSCI160-1LC must also register for BSCI160-11LB or BSCI160-12LB.

4267 BSCI150-1LC MW 12:30pm - 1:45pm 15-week
4268 BSCI150-11LB W 9:30am - 12:00pm 15-week
4197 BSCI150-2LC TTH 8:00am - 9:15am 15-week
3097 BSCI150-21LB T 11:00am - 1:30pm 15-week
3199 BSCI150-3LC TTH 12:30pm - 1:45pm 15-week
3200 BSCI150-31LB TH 2:00pm - 4:30pm 15-week
3096 BSCI150-4LC TTH 2:00pm - 3:15pm 15-week
3201 BSCI150-41LB TH 11:00am - 1:30pm 15-week
3278 BSCI150-5LC W 9:30am - 12:05pm 15-week
3198 BSCI150-51LB M 9:30am - 12:00pm 15-week
3251 BSCI150-6LC W 12:30pm - 3:05pm 15-week
3252 BSCI150-61LB M 12:30pm - 3:00pm 15-week
3098 BSCI150-7LC F 9:00am - 11:35am 15-week
3099 BSCI150-71LB F 12:30pm - 3:00pm 15-week
3100 BSCI150-8LC SAT 9:00am - 11:35am 15-week
3101 BSCI150-81LB SAT 12:15pm - 2:45pm 15-week
3253 BSCI150-9LC M 6:00pm - 8:35pm 15-week
3254 BSCI150-91LB W 6:00pm - 8:30pm 15-week

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

BSCI160 - 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.

Note: Students enrolling in BSCI160-1LC must also register for BSCI160-11LB or BSCI160-12LB.

3104 BSCI160-1LC TTH 11:00am - 12:15pm 15-week
3105 BSCI160-11LB T 2:00pm - 4:30pm 15-week
3202 BSCI160-12LB TH 8:00am - 10:30am 15-week

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

BSCI201 - 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 206A or MATH 127 or MA 207 or appropriate score on mathematics placement test OR Prerequisite or Co-requisite: MATH 165 or MA 1111) AND (BSCI 55 or BSCI 150 or BI 101 or BSCI223 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.

Note: BSCI201-LK1C and BSCI201-LK1B - Students must register for corresponding BSCI201 and BSCI202 linked (LK) sections together.

3106 BSCI201-1LC MW 8:00am - 9:15am 15-week
3107 BSCI201-11LB M 9:30am - 12:00pm 15-week
3108 BSCI201-2LC TTH 11:00am - 12:15pm 15-week
3109 BSCI201-21LB TH 12:30pm - 3:00pm 15-week
3110 BSCI201-3LC F 8:00am - 10:35am 15-week
3111 BSCI201-31LB F 11:00am - 1:30pm 15-week
3112 BSCI201-4LC SAT 9:00am - 11:30am 15-week
3113 BSCI201-41LB SAT 12:00pm - 2:30pm 15-week
3114 BSCI201-5LC M 6:00pm - 8:35pm 15-week
3115 BSCI201-51LB W 6:00pm - 8:30pm 15-week
3255 BSCI201-HYBC ONLINE 15-week
3256 BSCI201-HYBB T 12:30pm - 3:00pm 15-week
3203 BSCI201-LK1C MW 9:30am - 12:00pm 1st 7 1/2-week
3204 BSCI201-LK1B TTH 9:30am - 12:00pm 1st 7 1/2-week
3205 BSCI201-LK2C TTH 5:00pm - 7:35pm 1st 7 1/2-week
3206 BSCI201-LK2B TTH 7:45pm - 10:15pm 1st 7 1/2-week
3209 BSCI201-HYBBC ONLINE 15-week
3210 BSCI201-HYBBB T 12:30pm - 3:00pm 15-week

BSCI202 - 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.

Note: BSCI202-LK1C and BSCI202-LK1B - Students must register for corresponding BSCI201 and BSCI202 linked (LK) sections together.

3116 BSCI202-1LC MW 8:00am - 9:15am 15-week
3117 BSCI202-11LB M 9:30am - 12:00pm 15-week
3207 BSCI202-2LC MW 12:30pm - 1:45pm 15-week
3208 BSCI202-21LB W 9:30am - 12:00pm 15-week
3257 BSCI202-3LC TTH 9:30am - 10:45am 15-week
3258 BSCI202-31LB T 12:30pm - 3:00pm 15-week
4286 BSCI202-4LC SAT 9:00am - 11:30am 15-week
4287 BSCI202-41LB SAT 12:15pm - 2:45pm 15-week
3118 BSCI202-5LC M 6:00pm - 8:35pm 15-week
3119 BSCI202-51LB W 6:00pm - 8:30pm 15-week
3209 BSCI202-HYBC ONLINE 15-week
3210 BSCI202-HYBB T 12:30pm - 3:00pm 15-week

Note: Students must register for corresponding lecture (LC) and lab (LB).
### BSCI202H - 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.

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

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Note: BSCI202-LK1C and BSCI202-LK1B – Students must register for corresponding BSCI201 and BSCI202 linked (LK) sections together.

**4269 BSCI202H-1LC**  
**MW 11:00am - 12:15pm**  
**15-week**

**4270 BSCI202H-1LB**  
**M 12:30pm - 3:00pm**  
**15-week**

**BSCI223 - 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 MA 206 or MA 206A or MA 127 or MA 207 or appropriate score on mathematics placement test OR Prerequisite or Co-requisite: MATH 165 or MA 111) AND (BSCI 145S or MA 130 or MA 130S or MATH 120 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, antimicrobial agents, immunology, and introductory biochemistry. Intended for allied health students. Meets the requirement for a general education science lab course.

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<tr>
<td>3135 BSCI223-6LB</td>
<td>TTH 5:00pm - 6:15pm</td>
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</table>

**CADT: Computer Aided Design Technology**

**CADT101 - 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.

<table>
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<th>Course Title</th>
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<tr>
<td>3375 CADT101-HYB1</td>
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</table>

**CADT102 - 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.

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<th>Course Code</th>
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<tr>
<td>3376 CADT102-HYB1</td>
<td>M 5:00pm - 8:00pm</td>
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</table>

**CADT110 - 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, parallelism, and others, that help them make appropriate design decisions on specific models as well as in assemblies.

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<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>4272 CADT110-HYB1</td>
<td>M 5:00pm - 8:00pm</td>
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</table>

**CADT150 - 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.

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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>3985 CADT150-HYB1</td>
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</table>

**CADT210 - 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.

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<th>Course Title</th>
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<tr>
<td>4097 CADT210-HYB1</td>
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</table>

**CADT245 - Civil Drafting with CAD (3)**  
**Prerequisite:** CAD T101

Illustrates intermediate/advanced concepts of civil drafting and design of civil engineering projects. Students will use 3D CAD software to create and review civil engineering drawings including survey drawings, highway layouts, profiles, site plans, corridors, sections, grading plans, cut and fill drawings, and other civil detail drawings.

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<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>4274 CADT245-HYB1</td>
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</table>

**CCJS: Criminal Justice**

**CCJS101 - 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.

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<th>Course Title</th>
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<tbody>
<tr>
<td>3494 CCJS101-1</td>
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<td>3948 CCJS101-2</td>
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<tr>
<td>3495 CCJS101-ONL1</td>
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</table>
### CCJS108 - Serial Killers: Psychosocial Perspectives (3)

**Prerequisites:** ENGL 70 or ENGL 75 OR (ESOL 72 and ESOL 73) (formerly CJ 108)

Presents an overview of serial killers in the United States and other countries. Introduces the background of serial killers as well as causes and failures in their lives that led up to the killings. Presents case studies of serial killers as well as the investigation, apprehension, trial, and sentencing of these offenders.

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<tr>
<th>Course</th>
<th>Lecture Time</th>
<th>Days</th>
<th>Credit Hours</th>
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### CHEM101 - 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/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.

### CCJS220 - Criminal Evidence & Procedure (3)

**Prerequisite:** CCJS 201 or CJ 110 (formerly CJ 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.

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<th>Course</th>
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<th>Days</th>
<th>Credit Hours</th>
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### CHEM: Chemistry

### CHEM100 - 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 145/MATH 145S or MA 130/MATH 120/MATH 120A or MA 206/MA 206A 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.

<table>
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<td>CHEM100-1LB</td>
<td>T</td>
<td>12:30pm - 3:00pm</td>
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</tbody>
</table>
CHEM201 - 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.

3465 CHEM201-11LC MW 2:00pm - 3:15pm 15-week
3466 CHEM201-11LB M 11:00am - 12:15pm 15-week
3838 CHEM201-2LC M 6:00pm - 8:35pm 15-week
3839 CHEM201-2LB W 6:00pm - 8:55pm 15-week

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

CHEM202 - Organic Chemistry II (4)
Prerequisite: Grade of C or better in CHEM 201
(formerly CH 202)
Focuses on structure, nomenclature, synthesis, reactions and uses of ethers, aromatic compounds, amines, aldehydes, ketones, carboxylic acids, and carboxylic acid derivatives. Relevant aspects of mass spectrometry, infrared, and nuclear magnetic resonance spectroscopy are reviewed. Applications of visible and ultraviolet spectrums of organic compounds are covered. The chemistry of carbohydrates, nucleic acids, and proteins are introduced. Lab experiments complement and reinforce lecture material.

3467 CHEM202-11LC TTH 9:30am - 10:45am 15-week
3468 CHEM202-11LB TH 12:30pm - 2:25pm 15-week

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

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

CHIN: World Languages: Chinese

CHIN101 - 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.

4142 CHIN101-HYB1 F 9:30am - 11:15am 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.

CMIS: Computer and Information Sciences

CMIS101 - 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.

3379 CMIS101-HYB1 M 11:00am - 12:15pm 13-week $5
3382 CMIS101-HYB2 T 11:00am - 12:15pm 13-week $5
3899 CMIS101-HYB3 W 12:30pm - 1:45pm 13-week $5
3383 CMIS101-HYB4 TH 2:00pm - 3:15pm 13-week $5
4223 CMIS101-HYB5 T 5:15pm - 6:45pm 1st 7 1/2-week
3818 CMIS101-HYB6 W 9:30am - 10:45am 13-week $5
3384 CMIS101-HYB7 W 5:15pm - 6:45pm 2nd 7 1/2-week $5
3381 CMIS101-HYB8 TH 9:30am - 10:45am 13-week $5
4042 CMIS101-HYB9 TH 9:30am - 10:45am 13-week $5
3385 CMIS101-ONL1 ONLINE 13-week
3997 CMIS101-ONL2 ONLINE 13-week
3386 CMIS101-ONL3 ONLINE 2nd 7 1/2-week $5

Note: No/Low Cost Course Section: The textbook costs for this course are under $40.

CMIS105 - 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.

3998 CMIS105-HYB1 T 2:30pm - 3:45pm 2nd 7 1/2-week
4071 CMIS105-HYB2 W 5:15pm - 6:45pm 2nd 7 1/2-week

CMIS106 - 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 165 or appropriate score on mathematic 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.

3387 CMIS106-1 MW 9:30am - 10:45am 13-week $13
3388 CMIS106-2 MW 11:00am - 12:15pm 13-week $13
3389 CMIS106-3 MW 12:30pm - 1:45pm 13-week $13
3901 CMIS106-4 TTH 9:30am - 10:45am 13-week $13
3900 CMIS106-5 TTH 11:00am - 12:15pm 13-week $13
4152 CMIS106-HYB1 T 12:30pm - 1:45pm 13-week $13
3391 CMIS106-HYB2 W 5:15pm - 7:00pm 13-week $13
3390 CMIS106-HYB3 TH 7:15pm - 8:45pm 13-week $13
3902 CMIS106-ONL1 ONLINE 13-week

Note: No/Low Cost Course Section: The textbook costs for this course are under $40.

CMIS111E - 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.

3935 CMIS111E-HYB1 T 5:15pm - 6:45pm 2nd 7 1/2-week

CMIS111L - UNIX/Linux Operating System (3)
Prerequisite or Co-requisite: (CMIS 105 or CIS 107) or CMIS 106
(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.

4072 CMIS111L-HYB1 TH 12:00pm - 1:45pm 13-week
3393 CMIS111L-HYB2 W 7:15pm - 8:30pm 15-week
3903 CMIS111L-ONL1 ONLINE 2nd 10-week

CMIS111R - 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.

3397 CMIS111R-ONL1 ONLINE 2nd 7 1/2-week

CMIS111S - Social Media Tools (3)
Prerequisite or Co-requisite: CMIS 101 or (CMIS 105 or CIS 107) or CMIS 106 or (CMIS 120 or CIS 111A)
(formerly CIS 111S)
Explores well-established and emerging social media tools as well as their applications for measuring, leveraging, and optimizing digital media content. Students learn to implement social campaigns or marketing initiatives using social media, manage social media, and monitor social media channels.

4282 CMIS111S-ONL1 ONLINE 1st 7 1/2-week
CMIS117 - Digital Marketing (3)
Prerequisite or Co-requisite: CMIS 101 or (CMIS 105 or CMIS 117) or CMIS 120 or CMIS 111M
(formerly CIS 117)
Introduces the digital marketing communications landscape, channels, and technology. Topics include
online advertising campaigns utilizing the web technologies such as Email advertising, YouTube advertising,
and Facebook marketing. Students learn to create contextual marketing plans and establish digital
analytics related to digital marketing and advertising.
4148 CMIS117T-ONL1 ONLINE 2nd 7 1/2-week

CMIS111 T - Virtualization and Cloud Essentials (3)
Prerequisite or Co-requisite: CMIS 106 or (CMIS 105 or CMIS 107) or (CMIS 120 or CMIS 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.
3413 CMIS121-HYB1 T 6:15pm - 7:30pm 15-week
Note: Students must register for both CMIS121-HYB1 and CMIS120-HYB1.
3914 CMIS121-HYB2 W 10:50am - 12:15pm 1st 10-week
Note: Students must register for both CMIS121-HYB2 and CMIS120-HYB2.
3414 CMIS121-HYB3 T 6:15pm - 7:30pm 15-week
Note: Students must register for both CMIS121-HYB3 and CMIS120-HYB3.
3415 CMIS121-ONL1 ONLINE 13-week
Note: Students must register for both CMIS121-ONLK and CMIS120-ONLK.

CMIS119 - Statistical Analysis System (SAS) (3)
Prerequisite or Co-requisite: CMIS 101 or (CMIS 105 or CMIS 107) or CMIS 111E or CMIS 111R
(formerly CIS 119)
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.
4073 CMIS119-ONL1 ONLINE 2nd 7 1/2-week
Note: No/Low Cost Course Section. The textbook costs for this course are under $40.

CMIS120 - PC Operating Systems (3)
Prerequisite or Co-requisite: CMIS 121 or CMIS 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.
3394 CMIS120-HYB1 M 2:30pm - 3:45pm 15-week
Note: Students must register for both CMIS120-HYB1 and CMIS121-HYB1.
3904 CMIS120-HYB2 W 9:25am - 10:50am 1st 10-week
Note: Students must register for both CMIS120-HYB2 and CMIS121-HYB2.
3395 CMIS120-HYB3 T 5:00pm - 6:15pm 15-week
Note: Students must register for both CMIS120-HYB3 and CMIS121-HYB3.
3396 CMIS120-ONL1 ONLINE 13-week
Note: Students must register for both CMIS120-ONL1 and CMIS121-ONL.

CMIS117 - Data Science Essentials (3)
Prerequisite or Co-requisite: ENGL 70 OR Prerequisites or Co-requisites: ENGL 75 or (ESOL 72 and ESOL 73)
(formerly CIS 117)
Introduces the data science process, the value of data driven decision making, and the principles of
big data. Students learn to summarize data, explore data, produce accumulated data, and visualize data
by utilizing spreadsheet software, such as MS Excel.
4076 CMIS118-ONL1 ONLINE 2nd 7 1/2-week
Note: No/Low Cost Course Section. The textbook costs for this course are under $40.

CMIS140 - 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.
4228 CMIS140-HYB1 W 7:15pm - 8:30pm 2nd 10-week

CMIS175 - Game Theory and Design (3)
Prerequisite. (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly CIS 175)
Covers game theory and design. Topics include the rules of game designers, game structures and elements
as well as game development stages and methods. Students learn about designing, prototyping, and
playtesting games.
3844 CMIS175-HYB1 T 5:15pm - 6:45pm 1st 5-week

CMIS176 - Game Creation (3)
Prerequisite or Co-requisite: CMIS 101 or (CMIS 105 or CMIS 107) or CMIS 106 or CMIS 117
(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.
3845 CMIS176-HYB1 T 5:15pm - 6:45pm 2nd 10-week

CMIS177 - Interactive 3D Technology (3)
Prerequisite or Co-requisite: CMIS 101 or (CMIS 105 or CMIS 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 topics 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.
3936 CMIS177-HYB1 T 2:00pm - 4:30pm 1st 7 1/2-week

CMIS121 - PC Repair & Diagnostics (3)
Prerequisite or Co-requisite: CMIS 120 or CMIS 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.
3413 CMIS121-HYB1 M 3:45pm - 5:00pm 15-week
Note: Students must register for both CMIS121-HYB1 and CMIS120-HYB1.
3914 CMIS121-HYB2 W 10:50am - 12:15pm 1st 10-week
Note: Students must register for both CMIS121-HYB2 and CMIS120-HYB2.
3414 CMIS121-HYB3 T 6:15pm - 7:30pm 15-week
Note: Students must register for both CMIS121-HYB3 and CMIS120-HYB3.
3415 CMIS121-ONL1 ONLINE 13-week
Note: Students must register for both CMIS121-ONLK and CMIS120-ONLK.

3411 CMIS121-HYB1 T 6:15pm - 7:30pm 15-week
3914 CMIS121-HYB2 W 10:50am - 12:15pm 1st 10-week
3414 CMIS121-HYB3 T 6:15pm - 7:30pm 15-week
3415 CMIS121-ONL1 ONLINE 13-week
CMIS178 - 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 standards and concepts are reviewed 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 Autodesk Maya software tools.
3937 CMIS178-HYB1 T 2:00pm - 4:30pm 2nd 7 1/2-week $40
$Note: No/Low Cost Course Section. The textbook costs for this course are under $40.

CMIS179 - Cybersecurity Fundamentals (3)
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75 or (ESOL 72 and ESOL 73)
(formerly CIS 179)
Surveys cybersecurity concepts and practices including malware, anti-malware, social engineering, information privacy, data security, and security policies. Students learn to identify cyber threats, threat sources, and threat mitigations as well as protect themselves from Internet predators. Students will be able to evaluate security policies and procedures.
3401 CMIS179-HYB1 M 5:15pm - 6:45pm 13-week $40
3400 CMIS179-ONL1 ONLINE 1st 10-week $40
4224 CMIS179-ONL2 ONLINE 1st 10-week $40
$Note: No/Low Cost Course Section. The textbook costs for this course are under $40.

CMIS201 - Computer Science I (4)
Prerequisite: (MA 81 or MA 87 or MA 83 or MA 85 or appropriate score on mathematics placement test) and (Grade of C or better in CMIS 106)
(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.
3408 CMIS201-HYB1 TH 2:00pm - 3:45pm 15-week $40
3409 CMIS201-HYB2 W 5:15pm - 7:00pm 15-week $40
CMIS202 - 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 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).
3410 CMIS202-HYB1 TH 5:15pm - 7:00pm 15-week $40

CMIS203 - Systems Analysis & Design (3)
Prerequisite: CMIS 106
(formerly CIS 203)
Introduces 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.
3411 CMIS203-HYB1 W 2:00pm - 3:15pm 13-week $40
3949 CMIS203-HYB2 W 5:15pm - 7:00pm 13-week $40
3412 CMIS203-ONL1 ONLINE 1st 10-week $40
$Note: No/Low Cost Course Section. The textbook costs for this course are under $40.

CMIS217 - Cybercrime and Digital Forensics (3)
Prerequisite or Co-requisite: CMIS 111L or CMIS 111V or CMIS 120 or CMIS 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.
3416 CMIS217-HYB1 TH 5:15pm - 6:45pm 15-week $40
3417 CMIS217-ONL1 ONLINE 2nd 10-week $40
$Note: No/Low Cost Course Section. The textbook costs for this course are under $40.

CMIS218 - Information Security (3)
Prerequisite or Co-requisite: (CIS 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.
3821 CMIS218-ONL1 ONLINE 2nd 10-week $40

CMIS219 - 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.
3418 CMIS219-HYB1 W 5:15pm - 7:00pm 15-week $40
3915 CMIS219-ONL1 ONLINE 2nd 10-week $40
$Note: No/Low Cost Course Section. The textbook costs for this course are under $40.

CMIS222 - 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.
3419 CMIS222-HYB1 TH 7:15pm - 8:30pm 13-week $40
CMIS222C - Computer Programming Language: Mobile Applet Programming (3)
Prerequisite: CMIS 106
(formerly CIS 222C)
Introduces applet programming for mobile devices using the Android operating system.
4234 CMIS222C-HYB1 M 7:00pm - 8:45pm 15-week $40
CMIS226 - Game Scripting (3)
Prerequisite or Co-requisite: (CIS 105 or CIS 107) or CMIS 106
(formerly CIS 226)
Covers the development of computer games using a scripting language (Python). A current scripting language will be covered and used to develop game programs. Students learn to design and develop cross-platform computer games.
3421 CMIS226-HYB1 W 7:15pm - 8:30pm 13-week $40
$Note: No/Low Cost Course Section. The textbook costs for this course are under $40.

CMIS228 - Simulation and Game Development (4)
Prerequisite: (CIS 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.
4089 CMIS228-HYB1 T 5:15pm - 7:00pm 13-week $40
CMIS230 - Database Management Systems (3)
Prerequisite or Co-requisite: (CIS 105 or CIS 107) or CMIS 106 or CMIS 111L or CMIS 119
(formerly CIS 230)
Provides an in-depth study of database management systems and the fundamentals of database design and development. Topics include Structured Query Language (SQL), normalization, integrity constraints, data models, and transaction control. Students design and develop databases and database applications utilizing database management systems (DBMS), such as Oracle or Microsoft SQL Server.
4090 CMIS230-ONL1 ONLINE 2nd 10-week $40
$Note: No/Low Cost Course Section. The textbook costs for this course are under $40.
CMIS257 - Data Visualization (3)
Prerequisite: CMIS 105 or CMIS 107 or CMIS 118 or CMIS 119 or CMIS 256
(formerly CIS 257)
Survey the concepts, needs, principles, and techniques of data visualization. Explores data extraction,
transformation, and loading (ETL) tools/systems. Students practice data wrangling activities including
data extraction, data transformation, data loading, integrating data sources, and correcting erroneous/missing values by utilizing computer based tools.

- 4230 CMIS257-HYB1 TH 7:00pm - 8:30pm 1st 7 1/2-week
- 4231 CMIS257-HYB1 TH 7:00pm - 8:30pm 2nd 7 1/2-week

CMIS258 - Data Wrangling (3)
Prerequisite: CMIS 105 or CMIS 107 or CMIS 118 or CMIS 119 or CMIS 256
(formerly CIS 258)
Surveys the concepts, needs, principles, and techniques of data wrangling. Explores data extraction,
transformation, and loading (ETL) tools/systems. Students practice data wrangling activities including
data extraction, data transformation, data loading, integrating data sources, and correcting erroneous/missing values by utilizing computer based tools.

- 3407 CMIS258-ONL1 ONLINE 1st 7 1/2-week

CMIS266 - Cloud System Administration (3)
Prerequisite: CMIS 111V or CMIS 120 or CMIS 111M
(formerly CIS 266)
Explores administering cloud platforms and deploying applications on cloud platforms. Students learn to
operate, manage, monitor, and secure cloud computing systems such as Amazon Web Services (AWS), as
well as deploy and scale applications in cloud environments. Covers the objectives of AWS Certified SysOps Administrator Associate exam.

- 4232 CMIS266-HYB1 M 5:15pm - 7:00pm 2nd 10-week $  

CMIS280 - Networking Fundamentals (3)
Prerequisite or Co-requisite: CMIS 120 or CMIS 111M
(formerly CIS 180)
Reviews hardware, operating systems, and other networking principles. Includes comprehensive
networking skill sets necessary for the CompTIA Network exam.

- 3402 CMIS280-HYB1 W 9:30am - 11:45am 1st 7 1/2-week
- 3403 CMIS280-HYB2 T 6:45pm - 9:00pm 1st 7 1/2-week
- 3819 CMIS280-ONL1 ONLINE 1st 7 1/2-week

CMIS281 - Security Fundamentals (3)
Prerequisite or Co-requisite: CMIS 280 or CMIS 180
(formerly CIS 170)
Provides students with the knowledge and skills to implement, maintain and secure network services,
including comprehensive networking skill sets necessary for the CompTIA Network exam.

- 3398 CMIS281-HYB1 W 9:30am - 11:45am 2nd 7 1/2-week
- 3399 CMIS281-HYB2 T 6:45pm - 9:00pm 2nd 7 1/2-week
- 3905 CMIS281-ONL1 ONLINE 2nd 7 1/2-week

CMIS290 - Cisco 1 Network Fundamentals (3)
Prerequisite or Co-requisite: CMIS 106 or (CMIS 120 or CMIS 111M)
(formerly CIS 190)
Explores the concepts, needs, principles, and techniques of data wrangling. Explores data extraction,
transformation, and loading (ETL) tools/systems. Students practice data wrangling activities including
data extraction, data transformation, data loading, integrating data sources, and correcting erroneous/missing values by utilizing computer based tools.

- 3404 CMIS290-HYB1 M 5:00pm - 7:30pm 1st 7 1/2-week

CMIS291 - Cisco 2 Routing Technologies (3)
Prerequisite or Co-requisite: CMIS 280 or CMIS 180 or CMIS 290 or CMIS 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.

- 3405 CMIS291-HYB1 M 5:00pm - 7:30pm 2nd 7 1/2-week

CMIS292 - Cisco 3 Switching Technologies (3)
Prerequisite or Co-requisite: CMIS 291 or CMIS 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 switching operations and virtual private networks.

- 3406 CMIS292-ONL1 ONLINE 1st 7 1/2-week

CMIS293 - Cisco 4 WAN Technologies (3)
Prerequisite or Co-requisite: CMIS 292 or CMIS 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.

- 3407 CMIS293-ONL1 ONLINE 2nd 7 1/2-week

CMIS295 - Cloud Security (3)
Prerequisite or Co-requisite: CMIS 266 or (CMIS 280 or CMIS 180) or (CMIS 290 or CMIS 190)
(formerly CIS 223)
Covers the essentials of the cloud security technologies, mechanisms, and standards/frameworks as
told by Cloud Security Alliance (CSA) and National Institute of Standards and Technology (NIST) Cloud
Students learn to analyze risk in cloud environments and cloud security solutions, create and secure public and private cloud instances, and secure cloud applications.

- 3420 CMIS295-HYB1 TH 7:00pm - 8:30pm 15-week $  
- 3822 CMIS295-ONL1 ONLINE 1st 10-week $  

CMTE: Construction Management Technology

CMTE100 - 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.

- 4276 CMTE100-1 T 5:00pm - 7:35pm 15-week

CMTE101 - 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.

- 3422 CMTE101-ONL1 ONLINE 15-week

CMTE130 - 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.

- 3999 CMTE130-1 TH 5:00pm - 7:35pm 15-week

CMTE140 - 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.

- 4230 CMTE140-1 M 5:00pm - 7:35pm 15-week
**CMTE200 - Site Management (3)**
Prerequisites or Co-requisites: (CMTE 101 or BLFD 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, job site layout and control, project safety, job site labor relations, subcontracting and purchasing, time and cost control, changes and claims, quality management, payments, and project closeout.

<table>
<thead>
<tr>
<th>Course</th>
<th>Section</th>
<th>Time</th>
<th>Type</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>4000 CMTE200-1</td>
<td>TH</td>
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<td>15-week</td>
<td></td>
</tr>
</tbody>
</table>

**CMTE210 - Construction Project Cost Estimating (3)**
Prerequisites: (CMTE 101 or CMTE 130 or CON 133 or CMIS 101 and (MA 80 or appropriate score on mathematics placement test) (formerly CMTE 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.

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<tr>
<th>Course</th>
<th>Section</th>
<th>Time</th>
<th>Type</th>
<th>Units</th>
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<tr>
<td>3708 CMTE210-5</td>
<td>MW</td>
<td>12:30pm - 1:45pm</td>
<td>15-week</td>
<td></td>
</tr>
</tbody>
</table>

**CMTE220 - 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.

<table>
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<tr>
<th>Course</th>
<th>Section</th>
<th>Time</th>
<th>Type</th>
<th>Units</th>
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<tr>
<td>4001 CMTE220-1</td>
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<td>15-week</td>
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</table>

**COMM: Communications**

**COMM101 - 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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Section</th>
<th>Time</th>
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<td>3939 COMM101-4</td>
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<td>6:00pm - 8:30pm</td>
<td>15-week</td>
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</table>

**COMM103 - 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.

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<th>Section</th>
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<td>3697 COMM103-2</td>
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<td>3699 COMM103-5</td>
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<tr>
<td>3700 COMM103-6</td>
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<td>3702 COMM103-7</td>
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<tr>
<td>3703 COMM103-8</td>
<td>TTH</td>
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<td>3705 COMM103-ONL1</td>
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<td>15-week</td>
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</table>

Note: Mandatory on-campus class meetings: Mondays, 2/3, 2/10, 2/17, and 3/1, 6-9pm.

**COMM105 - Small Group Communication (3)**
Gen Ed Communications; Cultural Competence (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.

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<tr>
<th>Course</th>
<th>Section</th>
<th>Time</th>
<th>Type</th>
<th>Units</th>
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<td>3706 COMM105-2</td>
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<tr>
<td>3716 COMM105-WE2</td>
<td>T</td>
<td>6:00pm - 8:35pm</td>
<td>13-week</td>
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</table>

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

**COMM107 - 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.

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<td>3718 COMM107-ONL1</td>
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<td>15-week</td>
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Note: Mandatory on-campus session: Saturday, 4/6, 8:30am-12:30pm.
Inclement weather makeup day: Saturday, 4/13, 8:30am-12:30pm.

Note: No/Low Cost Course Section: The textbook costs for this course are under $40.

**COMM111 - Introduction to Mass Communication (3)**
Gen Ed Communications; Gen Ed Arts
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.

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<tr>
<th>Course</th>
<th>Section</th>
<th>Time</th>
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<th>Units</th>
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<td>15-week</td>
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<tr>
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<td></td>
<td>January 5-week</td>
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<td>4028 COMM111-ONL2</td>
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<td>13-week</td>
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<tr>
<td>4127 COMM111-ONL3</td>
<td>ONLINE</td>
<td></td>
<td>2nd 7 1/2-week</td>
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</table>

**COMM201 - Foundations of Communication Theory (3)**
Prerequisite: COMM 101 (formerly CMSP 201)
Provides students with an understanding of the principle theories related to the field of communication. Specifically, it introduces students to the study of communication theory and provides them with the conceptual and theoretical foundation needed to succeed as a communication scholar. Concepts and theories learned in this course will be studied in greater detail in the upper level courses required of the major.

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<tr>
<th>Course</th>
<th>Section</th>
<th>Time</th>
<th>Type</th>
<th>Units</th>
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<tbody>
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<td>3719 COMM201-1</td>
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<td>11:00am - 12:15pm</td>
<td>15-week</td>
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</table>
ECED: Early Childhood Development

ECED101 - 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.

ECED105 - Introduction to Early Childhood Education (3)
Prerequisites: ENGL 70 or ENGL 75 or ESL 72 and ESL 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.

ECED125 - Methods and Materials in Early Childhood (3)
Prerequisite or Co-requisite: ECD 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 dramas, 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.

ECED205 - Administration of Child Development Centers (3)
Prerequisites: ECD 105 or ECD 101 or ECD 155 or ECD 108 (formerly ECD 212)
Designed to provide students with management skills necessary to operate an early childhood center, family child care or before/after school program that serves children from infancy through age twelve. 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. Fifteen hours of documented observation are required.

ECED215 - Understanding and Guiding the Young Child's Behavior (3)
Prerequisite: ECD 101 or ED 100 (formerly ECD 213)
Designed for adults who are responsible for the care and development of young children from birth to eight years of age, primarily in an early childhood setting. This course will focus on developmentally appropriate child guidance philosophies, methodologies of discipline, and guidelines for the responsible adult.

ECED225 - Language & Literacy Development in Early Childhood (3)
Prerequisite: ECD 101 or ED 100 and ECON 202 is same as ECON 202 (formerly ECD 230)
Designed for adults who are responsible for the care, development and teaching of young children from birth to eight years in primarily an early childhood setting. This course is a study of the development of oral language by the young child, the relationship between language development and emerging literacy, and the structuring of the learning environment for the child birth to eight years. A variety of quality early childhood literature will be reviewed along with methods for using children’s literature to enhance language development.

ECED245 - Directed Practicum in Early Childhood (3)
Prerequisites: ECD 101 or ED 100, ECD 105 or ECD 101, ECD 125 or ECD 122, ECD 135 or ECD 106, ECD 215 or ECD 213, and EC 230 or EC 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).

ECON: Economics

ECON201 - 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.

ECON202 - Principles of Microeconomics (3)
Gen Ed Economics
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.

Note: No/Low Cost Course Section: The textbook costs for this course are under $40.

Note: No/Low Cost Course Section: The textbook costs for this course are under $40.

Note: No/Low Cost Course Section: The textbook costs for this course are under $40.
## EDPS: Educational Psychology

### EDPS210 - 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. (This course satisfies the Maryland State Department of Education professional education course work in child or adolescent development.) This course requires a service learning experience.

<table>
<thead>
<tr>
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<th>Title</th>
<th>Type</th>
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### EDUC: Education

### EDUC110 - Schools and Society (3)

**Gen Ed Education**

**Prerequisite:** (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.

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<tr>
<th>CRN</th>
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### EDUC220 - 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.

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### EDUC230 - 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.

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<th>Days</th>
<th>Time</th>
<th>Duration</th>
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<tbody>
<tr>
<td>4018</td>
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<tr>
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<td>3512</td>
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<td>15-week</td>
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</tr>
</tbody>
</table>

## EMGT: Emergency Management

### EMGT101 - 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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Title</th>
<th>Type</th>
<th>Days</th>
<th>Time</th>
<th>Duration</th>
<th>Notes</th>
</tr>
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<tbody>
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<td>15-week</td>
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</tbody>
</table>

### EMGT104 - Disaster Response and Recovery (3)

**Prerequisite:** (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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Title</th>
<th>Type</th>
<th>Days</th>
<th>Time</th>
<th>Duration</th>
<th>Notes</th>
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<td>3891</td>
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<td></td>
<td>15-week</td>
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</tbody>
</table>

### EMGT106 - Hazard, Risk, and Mitigation (3)

**Prerequisite:** (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)  
(formerly EM 106)

Provides the student with a thorough understanding of mitigation for disaster management, and the application of hazard management. The student will investigate various methods of risk management, risk reduction, risk avoidance, risk acceptance, and risk transfer to address both structural and non-structural mitigation. The concept of sustainability and its role in local land-use planning is examined.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Title</th>
<th>Type</th>
<th>Days</th>
<th>Time</th>
<th>Duration</th>
<th>Notes</th>
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<td>15-week</td>
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</table>

### EMGT110 - Federal Emergency Management (3)

**Prerequisite:** (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)  
(formerly EM 110)

Provides the student with the understanding of the role of the United States of America federal government in emergency management on the national level, and the influence of the federal government on local, regional, state, and international emergency management. Examines the role of federalism in the delivery of emergency management services. Conducts a review of the federal emergency management effort with emphasis on significant events that shaped policy and the level of involvement of the federal government. Analyzes current emergency management policies and efforts of the federal government with discussion of future trends and their potential outcomes.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Title</th>
<th>Type</th>
<th>Days</th>
<th>Time</th>
<th>Duration</th>
<th>Notes</th>
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<td>15-week</td>
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</table>
ENGL70 - 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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Week(s)</th>
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<tr>
<td>3958</td>
<td>TTH</td>
<td>11:00am - 1:30pm</td>
<td>15-week</td>
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</table>

ENGL75 - 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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Week(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4015</td>
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</tr>
<tr>
<td>4069</td>
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</tr>
<tr>
<td>3959</td>
<td>MW</td>
<td>1:00pm - 2:40pm</td>
<td>15-week</td>
</tr>
<tr>
<td>3960</td>
<td>TTH</td>
<td>9:00am - 10:40am</td>
<td>15-week</td>
</tr>
<tr>
<td>4070</td>
<td>TTH</td>
<td>11:00am - 12:40pm</td>
<td>15-week</td>
</tr>
<tr>
<td>3961</td>
<td>TTH</td>
<td>11:00am - 1:30pm</td>
<td>2nd 10-week</td>
</tr>
<tr>
<td>3963</td>
<td>TTH</td>
<td>1:00pm - 2:40pm</td>
<td>15-week</td>
</tr>
<tr>
<td>4260</td>
<td>TTH</td>
<td>6:00pm - 7:40pm</td>
<td>15-week</td>
</tr>
</tbody>
</table>

Note: No/Low Cost Course Section: The textbook costs for this course are under $40.

ENGL100 - 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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Week(s)</th>
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</thead>
<tbody>
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<td>15-week</td>
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<td>3071</td>
<td>MW</td>
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<td>15-week</td>
</tr>
<tr>
<td>3065</td>
<td>TTH</td>
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<td>15-week</td>
</tr>
<tr>
<td>3066</td>
<td>TTH</td>
<td>12:00pm - 12:50pm</td>
<td>15-week</td>
</tr>
<tr>
<td>3068</td>
<td>TTH</td>
<td>5:00pm - 5:50pm</td>
<td>15-week</td>
</tr>
<tr>
<td>3063</td>
<td>MW</td>
<td>7:30pm - 8:20pm</td>
<td>15-week</td>
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</tbody>
</table>

Note: Students must register for ENGL100-LK1 and ENGL101-LK1.
Note: Students must register for ENGL100-LK2 and ENGL101-LK2.
Note: Students must register for ENGL100-LK3 and ENGL101-LK3.
Note: Students must register for ENGL100-LK4 and ENGL101-LK4.
Note: Students must register for ENGL100-LK5 and ENGL101-LK5.
Note: Students must register for ENGL100-LK6 and ENGL101-LK6.

Note: No/Low Cost Course Section: The textbook costs for this course are under $40.
ENGL101 - 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.

3638 ENGL101-1  MW  8:00am - 9:15am  15-week
3639 ENGL101-2  MW  9:30am - 10:45am  15-week
3640 ENGL101-3  MW  9:30am - 10:45am  15-week
4006 ENGL101-4  MW  11:00am - 12:15pm  15-week
3641 ENGL101-5  MW  11:00am - 12:15pm  15-week
3642 ENGL101-6  MW  11:00am - 12:15pm  15-week
3643 ENGL101-7  MW  12:30pm - 1:45pm  15-week
3952 ENGL101-8  MW  12:30pm - 1:45pm  15-week
3953 ENGL101-9  MW  2:00pm - 3:15pm  15-week
3644 ENGL101-10 MW  2:00pm - 3:15pm  15-week
3645 ENGL101-11 MW  3:30pm - 6:00pm  2nd 10-week
3646 ENGL101-12 TTH  8:00am - 9:15am  15-week
3647 ENGL101-13 TTH  9:30am - 10:45am  15-week
3650 ENGL101-14 TTH  12:30pm - 1:45pm  15-week
4007 ENGL101-15 TTH  12:30pm - 1:45pm  15-week
3651 ENGL101-16 TTH  2:00pm - 3:15pm  15-week
3653 ENGL101-17 M  6:00pm - 8:35pm  15-week
4111 ENGL101-18 T  6:00pm - 8:35pm  15-week
3954 ENGL101-19 W  6:00pm - 8:35pm  15-week
3648 ENGL101-WE1 TTH  9:30am - 10:45am  13-week
3652 ENGL101-WE2 TTH  3:30pm - 4:45pm  13-week

Note: Students must register for ENGL101-LK6 and ENGL100-LK6.

3965 ENGL101-LK3 TTH  8:00am - 9:15am  15-week
3660 ENGL101-LK4 TTH  10:30am - 11:45am  15-week
3661 ENGL101-LK5 TTH  3:30pm - 4:45pm  15-week
3658 ENGL101-LK6 MW  6:00pm - 7:15pm  15-week

Note: Students must register for ENGL101-LK1 and CMM103H-LK1.

ENGL102 - 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.

3663 ENGL102-1  MW  8:00am - 9:15am  15-week
3668 ENGL102-2  MW  9:30am - 10:45am  15-week
3665 ENGL102-3 MW  11:00am - 12:15pm  15-week
3666 ENGL102-4 MW  12:30pm - 1:45pm  15-week
3667 ENGL102-5 MW  2:00pm - 3:15pm  15-week
3669 ENGL102-6 MW  3:30pm - 4:45pm  15-week
4175 ENGL102-7 TTH  11:00am - 12:15pm  15-week
3671 ENGL102-8 TTH  12:30pm - 1:45pm  15-week
3670 ENGL102-9 TTH  2:00pm - 3:15pm  15-week
3664 ENGL102-WE1 MW  9:30am - 10:45am  13-week

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

4067 ENGL102-HYB1 TH  11:00am - 12:15pm  15-week
3951 ENGL102-HYB2 W  6:00pm - 7:15pm  15-week
3672 ENGL102-ONL1 ONLINE  15-week
3673 ENGL102-ONL2 ONLINE  15-week
4128 ENGL102-ONL3 ONLINE  1st 7 1/2-week
4050 ENGL102-ONL4 ONLINE  2nd 7 1/2-week

ENGL102H - 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.

3866 ENGL102H-1 TTH  9:30am - 10:45am  15-week

Note: Students must register for both EN102H-LK1 and CMM103H-LK1.

ENGL202 - British Literature Eighteenth Century through the Present (3)
Gen Ed Humanities
Prerequisite: ENGL 101 (formerly EN 202)
Surveys the literature of Great Britain from the eighteenth century through the present. The rise of industry, changing views of gender and citizen, the rise and fall of an empire, world wars, and artistic experimentation are explored through the literary genres of poetry, fiction, and drama.

4088 ENGL202-1 TTH  12:30pm - 1:45pm  15-week

ENGL204 - American Literature Civil War Period through the Present (3)
Gen Ed Humanities
Prerequisite: ENGL 101 (formerly EN 204)
Surveys American literature from the late 19th Century to today. The rise of industrialism, world wars, the fragmenting of society, and artistic experimentation are explored through the literary genres of poetry, fiction, and drama.

3674 ENGL204-1 MW  11:00am - 12:15pm  15-week

ENGL206 - World Literature 1650 C.E. through the Present (3)
Gen Ed Humanities; Cultural Competence
Prerequisite: ENGL 101 (formerly EN 206)
Surveys selected works of western and non-western literature from 1650 C.E. through the present. Cultural and historical contexts are explored through a wide range of literary forms.

3924 ENGL206-1 W  6:00pm - 8:35pm  15-week
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Time</th>
<th>Type</th>
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</thead>
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<tr>
<td>ENGL210</td>
<td>Creative Writing (3)</td>
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<td>2:00pm - 3:15pm</td>
<td>15-week</td>
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<tr>
<td>ENGL212</td>
<td>Newswriting and Reporting (3)</td>
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<td>11:00am - 12:15pm</td>
<td>15-week</td>
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<tr>
<td>ENGL216</td>
<td>The Short Story (3)</td>
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<tr>
<td>ENGL219</td>
<td>Technical Writing (3)</td>
<td></td>
<td></td>
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<tr>
<td>ENGL222</td>
<td>Creative Writing Practicum: Tuscarora Review</td>
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<tr>
<td>ENGL226</td>
<td>Film as Literature (3)</td>
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<tr>
<td>ENGL230</td>
<td>African American Literature (3)</td>
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<tr>
<td>ENGR212</td>
<td>Engineering Dynamics (3)</td>
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<tr>
<td>ENGR210</td>
<td>Introduction to Engineering Design (3)</td>
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<tr>
<td>ENGR211</td>
<td>Engineering Dynamics (3)</td>
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<tr>
<td>ENGR100</td>
<td>Introduction to Engineering Design (3)</td>
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<td>Introduction to Engineering Design (3)</td>
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<tr>
<td>ESOL70</td>
<td>Academic Reading I (0)</td>
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<td>ESOL71</td>
<td>Academic Grammar &amp; Writing I (0)</td>
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</table>

**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)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Time</th>
<th>Type</th>
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</thead>
<tbody>
<tr>
<td>ESOL70</td>
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<tr>
<td>ESOL71</td>
<td>Academic Grammar &amp; Writing I (0)</td>
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</tbody>
</table>

**Note:** No/Low Cost Course Section: The textbook costs for this course are under $40.
### ESOL72 - Academic Reading II (0) [4]
Prerequisites: Placement based on the College’s assessment OR successful completion of ESOL 70 (formerly ESL 72)
Described for students whose native language is not English, but who have advanced knowledge 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 Reading I. Students who successfully complete this course and ESOL 72: Academic Reading II may enroll in ENGL 101: English Composition.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Credit</th>
<th>Term</th>
</tr>
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<td>6:00pm - 7:55pm</td>
<td>13-week</td>
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Note: All ESL courses will require approval for Spring registration. Online registration will not be available for ESL courses.

### ESOL73 - 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
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<th>Time</th>
<th>Credit</th>
<th>Term</th>
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<tr>
<td>3876 ESOL73-2</td>
<td>TTH</td>
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<td>13-week</td>
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</table>

### FILM: Film & Video

#### FILM101 - Introduction to Film (3)
Gen Ed Arts
Prerequisite or Co-requisite: ENGL 70 or (ESOL 70 and ESOL 71) (formerly CMM 103)
Provides 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Credit</th>
<th>Term</th>
</tr>
</thead>
<tbody>
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<td>9:30am - 10:45am</td>
<td>15-week</td>
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<tr>
<td>3680 FILM101-2</td>
<td>M</td>
<td>1:00pm - 3:30pm</td>
<td>15-week</td>
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<td>TTH</td>
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<tr>
<td>4255 FILM101-ONL1</td>
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<td>January 3-week</td>
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<tr>
<td>3681 FILM101-ONL2</td>
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<td>3860 FILM101-ONL3</td>
<td>ONLINE</td>
<td>2nd 7 1/2-week</td>
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#### FILM101H - Introduction to Film (3)
Gen Ed Arts
Prerequisite or Co-requisite: ENGL 70 or (ESOL 70 and ESOL 71) (formerly CMM 103)
Provides 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Credit</th>
<th>Term</th>
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<tbody>
<tr>
<td>3872 FILM101H-1</td>
<td>TTH</td>
<td>11:00am - 12:15pm</td>
<td>15-week</td>
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</tbody>
</table>

Note: Students must register for both CMM101H-LK1 and ENGL101H-LK1.

#### FILM144 - 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 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Credit</th>
<th>Term</th>
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</table>

### FIRE: Fire Service Administration

#### FIRE105 - Risk Assessment, Reduction, and Safety (3)
(formerly FSA 105)
Examines the concepts of community sociology, the role of fire-related organizations within the community, and their impact on shaping community policy and master planning. Components of risk identification, risk evaluation, incident management, and accountability systems are examined.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Credit</th>
<th>Term</th>
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</table>

Note: This class will be held at both the main FCC campus and the Fire Academy. Please verify class locations with instructor.

#### FIRE107 - Disaster Planning and Response (3)
(formerly FSA 107)
Examines concepts and principles of community planning and response to fire, emergency, and natural disasters, including the Incident Command System (ICS), mutual aid and automatic response, training and preparedness, communications, hazardous materials planning, and disaster recovery.

<table>
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<tr>
<th>Course Code</th>
<th>Section</th>
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<th>Time</th>
<th>Credit</th>
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</table>

Note: This class will be held at both the main FCC campus and the Fire Academy. Please verify class locations with instructor.
FREN: World Languages: French

FREN102 - Introductory French II (3)
Gen Ed Humanities
Prerequisite: FREN 101
(formerly LF 102)
Continues to build upon the structures learned in FREN 101. Students will improve fluency as they learn new grammar and vocabulary with increased emphasis on literature and idiomatic speech. Through the reading of life-like dialogues, students gain insight into French culture, thought, and expression.

3720 FREN102-1 MW 2:00pm - 3:15pm 15-week

GEOG: Geography

GEOG101 - 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.

3724 GEOG101-1 MW 9:30am - 10:45am 15-week

GEOG102 - Cultural Geography (3)
Gen Ed Geography: Cultural Competence
(formerly GG 102)
Studies man in his regional settings, with emphasis on the interrelationships of physical and cultural phenomena.

3523 GEOG102-1 TTH 11:00am - 12:15pm 15-week
3525 GEOG102-ONLINE ONLINE 15-week

GEOG201 - Urban Social Geography (3)
Gen Ed Geography: Cultural Competence
Prerequisite: ENGL 101
(formerly GG 201)
Examines concepts of cities and how culture interacts with urban landscapes.

4196 GEOG201-1 TTH 2:00pm - 3:15pm 13-week

GERM: World Languages: German

GERM101 - Introductory German I (3)
Gen Ed Humanities
(formerly LG 101)
Introduces the fundamentals of German 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 German culture, thought, and expression.

3721 GERM101-1 TTH 12:30pm - 1:45pm 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.

FCC Main Campus, Room F107.

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.

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<tr>
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<th>Course Title</th>
<th>Credits</th>
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<th>Days</th>
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<tbody>
<tr>
<td>HCTI101-HYB1 F</td>
<td>Sanitation and Food Safety</td>
<td>1</td>
<td>9:00am - 12:00pm</td>
<td>January 5-week</td>
<td>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.</td>
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<tr>
<td>HCTI102-HYB1</td>
<td>Culinary I (3)</td>
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<td>4:30pm - 9:15pm</td>
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<td>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.</td>
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<tr>
<td>HCTI103-HYB1</td>
<td>Culinary II (3)</td>
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<td>15-week</td>
<td>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.</td>
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<td>HCTI104-HYB1</td>
<td>Baking I (3)</td>
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<td>4:30pm - 9:30pm</td>
<td>15-week</td>
<td>Note: Class held at FCC’s Monroe Center, Culinary fee: $121. Students are required to have a proper chef uniform and basic pastry kit. Both may be purchased at the FCC Bookstore on campus.</td>
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<td>HCTI105-HYB1</td>
<td>Baking II (4)</td>
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<td>6:00pm - 8:40pm</td>
<td>2nd 7 1/2-week</td>
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<td>HCTI110-HYB1</td>
<td>Introduction to Hospitality Management (3)</td>
<td>1</td>
<td>6:00pm - 8:40pm</td>
<td>1st 7 1/2-week</td>
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<tr>
<td>HCTI115-HYB1</td>
<td>Event Management (3)</td>
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<td>6:00pm - 8:40pm</td>
<td>1st 7 1/2-week</td>
<td>$Note: No/Low Cost Course Section: The textbook costs for this course are under $40.</td>
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<tr>
<td>HCTI116-HYB1</td>
<td>Hospitality Operations (3)</td>
<td>1</td>
<td>6:00pm - 8:40pm</td>
<td>1st 7 1/2-week</td>
<td>Note: Class held at FCC’s Monroe Center</td>
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HCTI: Hospitality Culinary Tourism Institute
HCTI200 - 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, façemmet, charcuterie, gampilhes, and food preparation techniques. Students will learn how to prepare display trays, plates, 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.
3980 HCTI200-1 W 9:00am - 2:00pm 15-week $.
Note: 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. Class held at FCC’s Monroe Center.
$ Note: No/Low Cost Course Section. The textbook costs for this course are under $40.
HCTI220 - 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.
3981 HCTI220-HYB1 M 6:00pm - 8:40pm 2nd 7 1/2-week
Note: Class held at FCC’s Monroe Center.
HCTI225 - International and American Regional Cuisine (4)
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.
3917 HCTI225-1 T 4:30pm - 9:30pm 15-week $.
Note: 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. Class held at FCC’s Monroe Center.
$ Note: No/Low Cost Course Section. The textbook costs for this course are under $40.
HCTI230 - 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 a la carte preparation, cooking, and plating techniques. 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.
3918 HCTI230-1 TH 2:30pm - 9:30pm 15-week $.
Note: 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. Class held at FCC’s Monroe Center.
$ Note: No/Low Cost Course Section. The textbook costs for this course are under $40.
HCTI255 - 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.
4277 HCTI255-1 W 6:00pm - 8:40pm 1st 7 1/2-week
HCTI260 - 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.
4278 HCTI260-1 W 6:00pm - 8:40pm 2nd 7 1/2-week
HCTI265 - HCTI Practicum (1)
Prerequisite or Co-requisite: (HCTI 103 or HOS 113) or (HCTI 255 or HOS 261) (formerly HOS 265)
Provides students with supervised experience in a hospitality/culinary/tourism setting. Includes in-service training and practical experience, totaling a minimum of 240 hours in an approved hospitality operation, lodging, commercial or institutional food service/restaurant, meeting planning, or the related travel/tourism field. Focuses on the acquisition of employability, business, hospitality, and/or culinary technical and problem-solving skills that will give students the tools to become successfully employed in the hospitality, culinary, and tourism industry.
4275 HCTI265-1 TBA 15-week
HIST: History
HIST101 - 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.
3526 HIST101-1 TTH 11:00am - 12:15pm 15-week
3527 HIST101-2 TTH 2:00pm - 3:15pm 15-week
3033 HIST101-ONL1 ONLINE January 3-week
HIST102 - 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.
3528 HIST102-1 MW 9:30am - 10:45am 15-week
3929 HIST102-2 TTH 12:30pm - 1:45pm 15-week
3991 HIST102-ONL1 ONLINE 15-week
HIST122 - World History II (3)
Gen Ed History, Cultural Competence
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
Examines global interactions during the post-Bubonic Plague world, origins and development of modernity, and contemporary history after World War II. This course is a survey of world history from 1450 to present.
4198 HIST122-1 TTH 9:30am - 10:45am 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.
### HIST201 - 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Days</th>
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<th>Credits</th>
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<td>3018 HIST201-1</td>
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<td>3529 HIST201-2</td>
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#### Notes:
- This web enhanced course requires completion of selected online assignments.

### HIST202 - 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.

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<tr>
<th>Course Code</th>
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<th>Time</th>
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#### Notes:
- This web enhanced course requires completion of selected online assignments.

### HIST202H - 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.

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### HIST214 - The Civil Rights Movement (3)
**Prerequisite or Co-requisite:** ENGL 101 (formerly HI 214)

Explores the history of the Civil Rights movement in twentieth-century America. It begins with an overview of segregation, examines in detail the efforts of the movement to overcome Jim Crow discrimination, and concludes with an assessment of the movement's legacy.

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### HIST220 - World War II (3)
**Gen Ed Social Science**
**Prerequisite or Co-requisite:** ENGL 101 (formerly HI 220)

Surveys the major military and social developments of WWII through films and selected readings. Multicultural and multinational perspectives are included.

<table>
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### HIST221 - The Sixties (3)
**Gen Ed History**
**Prerequisite or Co-requisite:** ENGL 101 (formerly HI 221)

Examines one of America's most turbulent decades: the 1960s. This course explores the Civil Rights Movement, the Vietnam War, the Anti-War Movement, and changing cultural and social mores. Emphasis will include an examination of the history, politics, literature, and music of the era.

<table>
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<tr>
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### HLTH: Health Education

#### HLTH100 - Stress Management Techniques (1)
(formerly HE 115)

Introduces the basic concepts of stress management and focuses on coping strategies and techniques to reduce stress.

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<tr>
<th>Course Code</th>
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<th>Days</th>
<th>Time</th>
<th>Credits</th>
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<td>2nd 7 1/2-week</td>
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#### HLTH150 - 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.

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<tr>
<th>Course Code</th>
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<th>Days</th>
<th>Time</th>
<th>Credits</th>
<th>Period</th>
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#### HLTH160 - Stress Management (3)
**Gen Ed Wellness**
**Prerequisites:** (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75 (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.

<table>
<thead>
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<th>Credits</th>
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<td>3603 HLTH160-6</td>
<td>T</td>
<td>5:00pm - 7:35pm</td>
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<td>4041 HLTH160-HYB1</td>
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<td>7:30pm - 10:00pm</td>
<td>1st 7 1/2-week</td>
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<tr>
<td>3604 HLTH160-ONL1</td>
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<td>3</td>
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<td>ONLINE</td>
<td></td>
<td>15-week</td>
<td>3</td>
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</tbody>
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Note: 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.
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.

ACCE110H - 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.

BSCI202H - 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.

ENGL102H - 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.

FILM101H - 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.

HIST202H - History of the United States II (3)
Gen Ed History
Prerequisite or Co-requisite: ENGL 101
(formerly HI 202)
Examines industrialization, progressiveism, 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.

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.

HUMN204H - 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.

PSYC101H - 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.

PSYC206H - Abnormal Psychology (3)
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.

Note: Students must register for both CMM103H-LK1 and EN102H-LK1.
### HUMN: Humanities

#### HUMN107 - Cultural Studies: Asia (3)

**Gen Ed Humanities; Cultural Competence**  
Prerequisites: ENGL 70 or ENGL 75 OR ESL 72 and ESL 73  
(formerly HU 107)

Introduces the cultural traditions of Asia focusing on the art, literature, dance, music, theater, and film of East Asia, India, and the Pacific Islands.

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<thead>
<tr>
<th>Course No.</th>
<th>Title</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
<th>Credit</th>
<th>Notes</th>
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<td>4116</td>
<td>HUMN107-HYB1</td>
<td>M</td>
<td>12:30pm-1:45pm</td>
<td>15-week</td>
<td>$</td>
<td>Note: No/Low Cost Course Section. The textbook costs for this course are under $40.</td>
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</table>

#### HUMN204 - World Religions (3)

**Gen Ed Humanities; Cultural Competence**  
Prerequisites: ENGL 70 or ENGL 75 OR ESL 72 and ESL 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.

<table>
<thead>
<tr>
<th>Course No.</th>
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<th>Days</th>
<th>Time</th>
<th>Type</th>
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</table>

#### HUMN204H - World Religions (3)

**Gen Ed Humanities; Cultural Competence**  
Prerequisites: ENGL 70 or ENGL 75 OR ESL 72 and ESL 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.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Title</th>
<th>Days</th>
<th>Time</th>
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<th>Credit</th>
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<tr>
<td>4103 HUMN204H-1C</td>
<td>MW</td>
<td>9:30am-10:45am</td>
<td>15-week</td>
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#### HUMN210 - The Language of Hip Hop (3)

**Gen Ed Humanities; Cultural Competence**  
Prerequisite or Co-requisite: ENGL 101  
(formerly HU 210)

Examines the role of language, both verbal and non-verbal, in the aesthetics, intercultural communication, and cultural practices of hip hop through the study of the origins and evolution of the culture, moving on to key topics including authenticity, class, and language ideology. Students will identify current and historical elements of hip hop culture in the US. Through multimedia analysis, critical reading and listening, and student led discussion, students will develop skills necessary to critically analyze and explore the language of hip hop and survey its historical development, political significance, and social influence.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Title</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
<th>Credit</th>
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<tr>
<td>4158 HUMN210-2</td>
<td>TTH</td>
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<td>15-week</td>
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### HUMS: Human Services

#### HUMS102 - 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.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Title</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
<th>Credit</th>
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<td>3336 HUMS102-2</td>
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<tr>
<td>3930 HUMS102-3</td>
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<tr>
<td>3538 HUMS102-5</td>
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<td>15-week</td>
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<tr>
<td>3539 HUMS102-6</td>
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<td>15-week</td>
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<tr>
<td>3540 HUMS102-WE1</td>
<td>TTH</td>
<td>11:00am-12:15pm</td>
<td>13-week</td>
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</table>

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

#### HUMS103 - Introduction to Social Work and the Human Services (4)

**Gen Ed Human Services**  
Prerequisites: 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.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Title</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
<th>Credit</th>
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<tr>
<td>3544 HUMS103-HYB1</td>
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<td>12:30pm-1:45pm</td>
<td>15-week</td>
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</table>

#### HUMS203 - Introduction to Counseling and Interviewing (3)

**Gen Ed Human Services**  
Prerequisite: PSYC 101  
(formerly HS 203)

Presents an overview of counseling theory, with focus on the development of specific helping behaviors.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Title</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
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<td>1st 7 1/2-week</td>
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</table>

#### HUMS204 - Ethics and Practice Issues in the Human Services and Addiction Counseling (3)

**Gen Ed Human Services**  
Prerequisite: HUMS 203, Co-requisite: INT 203  
(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.

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<tr>
<th>Course No.</th>
<th>Title</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>3546 HUMS204-HYB1</td>
<td>F</td>
<td>1:30pm-3:30pm</td>
<td>15-week</td>
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#### HUMS205 - Fundamentals of Addictions (3)

**Gen Ed Human Services**  
Prerequisite: HUMS 203  
(formerly HS 205)

Presents major theoretical approaches to the field of addictions, and introduction to the twelve core functions of the alcohol and drug abuse counselor. This course will include skill development training for the beginning alcohol and drug counselor.

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<tr>
<th>Course No.</th>
<th>Title</th>
<th>Days</th>
<th>Time</th>
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<th>Credit</th>
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<tbody>
<tr>
<td>4046 HUMS205-ONL1</td>
<td>ONLINE</td>
<td>15-week</td>
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</tbody>
</table>
HUMS206 - Pharmacology of Psychoactive Drugs (3)
Prerequisite: PSYC 101
(formerly HS 206)
Supplies the basic pharmacological and neurophysiological fundamentals of licit and illicit drug use. The primary focus of the course is the explanation of how drugs may alter body and brain function and how these alterations influence and mediate human behavior. Suggested for human service majors, especially those interested in addiction, current or potential health care professionals.

4031 HUMS206-1 TTH 2:00pm - 3:15pm 15-week

INTP: American Sign Language Interpreting

INTP104 - Introduction to Interpreting (3)
Prerequisite: Grade of B or better in ASLS 224 or ASLS 203; Co-requisite: ASLS 225 and INTP 112 (formerly ITR 104)
Introduces students to the profession of sign language interpreting. Covers the history of interpreting as a field of professional practice, the ethical and performance standards, the impact of legislation on the field, the phenomena of cross cultural dynamics, knowledge of environmental conditions, and the role of the interpreter as cultural mediator.

3940 INTP104-1 M 10:00am - 12:35pm 15-week

INTP112 - Foundations of Interpreting (3)
Prerequisite: Grade of B or better in ASLS 224 or ASLS 203; Co-requisite: 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.

3973 INTP112-1 M 2:00pm - 4:35pm 15-week

INTP114 - Consecutive Interpreting (3)
Prerequisites: Grade of B or better in ASLS 225, INTP 104, and INTP 112; Co-requisites: ASLS 230 and ASLS 212 (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.

3974 INTP114-1 M 6:00pm - 8:35pm 15-week

INTP212 - 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.

4208 INTP212-1 T 2:00pm - 4:30pm 15-week

INTP214 - 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.

4209 INTP214-1 T 10:00am - 12:30pm 15-week

INTP216 - 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. Those skills are integrated into the performance of beginning to intermediate tasks.

4210 INTP216-1 W 1:00pm - 3:30pm 15-week

INTP222 - ASL to English Interpreting II (3)
Prerequisites: Grade of B or better in INTP 212, INTP 214, INTP 216, and INTP 228; Co-requisites: INTP 224, INTP 226, and INTP 230 (formerly ITR 222)
Provides students with additional practice in specific skill areas related to ASL to English interpretation. Text/discourse/process analysis, lexical and syntactic development, and voice production techniques for simultaneous ASL to English interpretation. Course content is at an intermediate to advanced level of speed and complexity. Students will work primarily from videotaped language models.

4081 INTP222-1 T 6:00pm - 8:35pm 15-week

INTP224 - English to ASL Interpreting II (3)
Prerequisites: Grade of B or better in INTP 212, INTP 214, INTP 216, and INTP 228; Co-requisites: INTP 222, INTP 226, and INTP 230 (formerly ITR 224)
Allows students to continue practicing rendering the target language (ASL) from the source language (English) simultaneously. Provides preparation for Internship. Continued emphasis and focus is on appropriate use of lexical and syntactic principles and non-manual features of ASL.

4082 INTP224-1 M 6:00pm - 8:30pm 15-week

INTP226 - Transliterating II (3)
Prerequisites: Grade of B or better in INTP 212, INTP 214, INTP 216, and INTP 228; Co-requisites: INTP 222, INTP 224, and INTP 230 (formerly ITR 226)
Expands the process of visually representing English. Students will focus on the expansion and enhancement of transliterating skills at the English end of the ASL-English continuum. Students will incorporate ASL features into intermediate to advanced level texts presented in a simultaneous mode.

4083 INTP226-1 W 6:00pm - 8:30pm 15-week

INTP228 - Interpreting Environments (1)
Prerequisites: Grade of B or better in ASLS 230, (ASLS 232 or ASLS 211), and INTP 114; Co-requisites: INTP 212, INTP 214, and INTP 216
Increases knowledge of environment/setting specific terminology and expectations. Discusses the roles and responsibilities within team interpreting. Briefly discusses various interpreting environments.

4211 INTP228-HYB1 T 9:00am - 10:00am 15-week

INTP230 - Internship Seminar & Interpreting Environments (1)
Prerequisites: Grade of B or better in INTP 212, INTP 214, INTP 216, and INTP 228; Co-requisites: INTP 222, INTP 224, and INTP 226
Increases students' awareness of the requirements, guidelines, professional practices, and types of placements for field experience. Students will discuss protocol, skills, ethics, and business practices needed for specific site placements. Discusses the roles and responsibilities within team interpreting. Briefly discusses various interpreting environments.

4084 INTP230-HYB1 T 5:00pm - 6:00pm 15-week

INTR: Internship

INTR101 - Internship (1)
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.

3191 INTR101-1 TBA 15-week
3214 INTR101-2 TBA 13-week
3215 INTR101-3 TBA 2nd 10-week
3217 INTR101-4 TBA 2nd 7 1/2-week
ONLINE 15-week
ONLINE 2nd 7 1/2-week
ONLINE 15-week

elements of a valid contract; the rights and obligations of various parties to a contract, as well as the rights
Prerequisites or Co-requisites: LGST 100 and ENGL 101

LGST104 - 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.
4149 LGST104-HYB1 M 10:00am - 1:00pm 1st 7 1/2-week

LGST105 - 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.
3548 LGST105-ONL1 ONLINE 15-week

LGST106 - 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.
3943 LGST106-ONL1 ONLINE 2nd 7 1/2-week

LATN: World Languages: Latin

LATN102 - Introductory Latin II (3)
Gen Ed Humanities
Prerequisite: LATN 101 (formerly LL 102)
Continues the fundamentals of LATN 101. Introduces elementary readings in Latin literature.
3722 LATN102-1 T 6:00pm - 8:35pm 15-week

LGST: Legal Studies

LGST100 - Introduction to Law (3)
Prerequisite: ENGL 70 OR [Prerequisite or Co-requisite: ENGL 75 OR (ESOL 72 and ESOL 73)] (formerly LA 100)
Provides 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.
3547 LGST100-HYB1 SAT 9:00am - 12:00pm 1st 7 1/2-week

LGST103 - 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 attorney to clients, and protection of client funds. Covers the nature of supervision in order to avoid unauthorized practice of law.
4010 LGST103-ONL1 ONLINE 15-week

LGST104 - 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.
4149 LGST104-HYB1 M 10:00am - 1:00pm 1st 7 1/2-week

LGST105 - 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.
3548 LGST105-ONL1 ONLINE 15-week

LGST106 - 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.
3943 LGST106-ONL1 ONLINE 2nd 7 1/2-week

LGST200 - 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.
3887 LGST200-HYB1 W 6:00pm - 8:35pm 15-week

LGST205 - 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.
3549 LGST205-ONL1 ONLINE 1st 7 1/2-week

LGST220 - Civil Litigation (3)
Prerequisites: LGST 100 and ENGL 101 (formerly LA 220)
Provides a comprehensive study of civil litigation, state, and federal court structure and procedure. Explores components of the litigation process. Includes drafting pleadings and other documents associated with litigation. Incorporates use of technology in the litigation process. Develops skills to effectively and ethically support the litigation process. Introduces administrative procedure.
3950 LGST220-HYB1 M 6:00pm - 8:35pm 2nd 7 1/2-week

LGST240 - 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.
3550 LGST240-HYB1 M 6:00pm - 8:35pm 2nd 10-week

MATH: Mathematics

MATH50 - Preparation for College Mathematics (0) [2]
MATH 50 prerequisite: MATH 70 or MATH 75 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.
4202 MATH50-1 MTWT 11:00am - 12:15pm January 5-week
4259 MATH50-2 MW 11:00am - 12:40pm 2nd 7-week
4263 MATH50-3 TTH 6:00pm - 7:40pm 2nd 7-week
### MATH101 - Foundations of Mathematics (3)

**Prerequisite:** Grade of B or better in MA 81 or appropriate score on mathematics placement test.

Presents topics including problem solving strategies, logic, numeration systems, set theory, classification of numbers, algebra, financial management, geometry, measurement, and right triangle trigonometry. Students 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.

<table>
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**Note:** This course is scheduled in an accelerated format of 14 workdays (not counting Sundays). Be mindful that it covers the same material as a 15 week course in this condensed time frame. If you are unable to devote a significant number of hours each day you may have difficulty being successful. Please consider the time you can dedicate to this course before enrolling.

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MATH120A - Statistics (3)

Gen Ed Math
Prerequisites: Grade of B or better in MA 80 or MA 80A 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.

3851 MATH120A-1 MTWT 9:30am - 10:35am 15-week $399
3849 MATH120A-2 MTWT 11:00am - 12:05pm 15-week $399
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.

§ No/Low Cost Course Section: The textbook costs for this course are under $40.

3956 MATH120A-3 MTWT 11:00am - 12:15pm 13-week $403
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.

§ No/Low Cost Course Section: The textbook costs for this course are under $40.

MATHA - Instruction with Algebra (0) [2]
(formerly MA A)
Supplements MATH 101A and MATH 120A.

3852 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.

4037 MATHA-2 ASG 13-week
Note: Students registering for MATH 120A in the 13-week session must also register for MATH A in the 13-week session.

MATH125 - Business Statistics (3)

Gen Ed Math
Prerequisites: MA 81 or MA 80 or MA 80A or appropriate score on mathematics placement test (formerly MA 135)

Introduces non-calculus statistics with additional topics in elementary probability. Statistical topics include descriptive analysis and treatment of data, probability, 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.

3333 MATH127-1 MW 11:00am - 12:40pm 15-week $399
3923 MATH127-2 TTH 1:00pm - 2:40pm 15-week $399

MATH125 - Precalculus (4)

Gen Ed Math
Prerequisites: Grade of B or better in MA 81 or MA 80 or MA 80A 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.

4300 MATH145-1 MW 8:00am - 9:15am 15-week $339
4119 MATH145-2 MW 9:30am - 10:45am 15-week $339
4312 MATH145-3 MW 11:00am - 12:15pm 15-week $339
4313 MATH145-4 MW 2:00pm - 3:15pm 15-week $339
3321 MATH145-5 TTH 9:30am - 10:45am 15-week $339
4299 MATH145-6 TTH 9:30am - 10:45am 15-week $339
3323 MATH145-7 TTH 11:00am - 12:15pm 15-week $339
3325 MATH145-8 TTH 12:30pm - 1:45pm 15-week $339
4612 MATH145-9 MW 5:00pm - 6:30pm 13-week $403
3877 MATH145-10 SAT 9:00am - 11:30am 15-week $403
3324 MATH145-ONL1 ONLINE 15-week $350

MATH145S - College Algebra (3)

Gen Ed Math
Prerequisite: Grade of B or better in MA 81 or MA 80 or MA 80A or 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 into/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.

4056 MATH145S-1 MTWT 9:30am - 10:45am 15-week $339
4301 MATH145S-2 MTWT 11:00am - 12:40pm 15-week $339
4121 MATH145S-3 TTH 6:00pm - 8:35pm 15-week $339
Note: Students registering for MATH 145S must also register for MATH S - Algebraic Support.

MATHS - Algebraic Support (0) [3]
(formerly MA S)
Supplements MATH 145S.

4137 MATHS-1 ASG 15-week
Note: Students registering for MATH 145S must also register for MATH S.

MATH165 - Precalculus (4)

Gen Ed Math
Prerequisite: Grade of B or better in MA 81 or MA 80 or MA 80A or appropriate score on 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.

3316 MATH165-1 MW 11:00am - 12:40pm 15-week $339
3315 MATH165-2 TTH 9:00am - 10:40am 15-week $339
4302 MATH165-3 TTH 9:00am - 10:40am 15-week $339
3317 MATH165-4 TTH 1:00pm - 2:40pm 15-week $339
3318 MATH165-5 MW 5:00pm - 6:40pm 15-week $339
3319 MATH165-ONL1 ONLINE 15-week $350

§ 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.
MATH170 - Introduction to Discrete Mathematics (3)
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 mathematics placement test
(formerly MA 202)
Presents topics including sets and logic, elementary number theory, graph theory, matrices, algorithm design, mathematical induction and recursion. Intended for students pursuing a STEM major to develop their problem-solving skills.

3327 MATH170-1 MW 9:30am - 10:45am 15-week $369
$Note: No/Low Cost Course Section. The textbook costs for this course are under $40.

MATH175 - 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.

3326 MATH175-1 MW 11:00am - 12:15pm 15-week $369
4004 MATH175-2 TTH 9:30am - 10:45am 15-week $369
$Note: No/Low Cost Course Section. The textbook costs for this course are under $40.

MATH185 - 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).

3957 MATH185-1 MW 9:00am - 10:40am 15-week
4303 MATH185-2 TTH 9:00am - 10:40am 15-week
3336 MATH185-3 TTH 5:00pm - 6:40pm 15-week
3335 MATH185-HYB1 TTH 11:00am - 12:20pm 15-week
3337 MATH185-ONL1 ONLINE 15-week

MATH195 - Calculus II (4)
Gen Ed Math
Prerequisite: Grade of C or better in MATH 185 or MA 211 (formerly MA 210)
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.

3338 MATH195-1 MW 1:00pm - 2:40pm 15-week
3340 MATH195-2 MW 5:00pm - 6:40pm 15-week
3339 MATH195-HYB1 TTH 11:00am - 12:20pm 15-week

MATH220 - Introduction to MATLAB (1)
Prerequisite or Co-requisite: MATH 185 or MA 210 (formerly MA 214)
Provides an introduction to MATLAB, 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.

3029 MATH220-ONL1 ONLINE January 5-week
Note: This course is scheduled in an accelerated format of 14 workdays (not counting Sundays). Be mindful that it covers the same material as a 15 week course in this condensed time frame. If you are unable to devote a significant number of hours each day you may have difficulty being successful. Please consider the time you can dedicate to this course before enrolling.

3881 MATH220-ONL2 ONLINE 1st 7 1/2-week

MATH275 - Differential Equations (3)
Prerequisite: Grade of C or better in MATH 195 or MA 211 AND (Prerequisite or Co-requisite: MATH 220 or MA 214) (formerly MA 213)
Presents the principles involved in solving differential equations of order one. Topics covered include initial value problems, reduction of order, homogeneous linear equations, undetermined coefficients, systems of linear equations, power series solutions about ordinary points, Laplace transform, separable variables, linear and non-linear models, and variation of parameters.

4091 MATH275-1 TTH 11:00am - 12:15pm 15-week
3342 MATH275-2 TTH 5:00pm - 6:15pm 15-week
4178 MATH275-3 13-week

MEDA: Medical Assisting

MEDA101 - 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.

3435 MEDA101-1 TTH 6:30pm - 8:45pm 1st 7 1/2-week

MEDA102 - 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.

3436 MEDA102-1 TTH 6:30pm - 8:45pm 2nd 7 1/2-week

MEDA108 - 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.

3030 MEDA108-ONL1 ONLINE January 3-week
Note: This course is scheduled in an accelerated format of 14 workdays (not counting Sundays). Be mindful that it covers the same material as a 15 week course in this condensed time frame. If you are unable to devote a significant number of hours each day you may have difficulty being successful. Please consider the time you can dedicate to this course before enrolling.

3942 MEDA108-ONL2 ONLINE 1st 7 1/2-week

MEDA109 - 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.

3437 MEDA109-HYB1 TH 9:30am - 10:45am 15-week
3035 MEDA109-ONL1 ONLINE January 3-week
3438 MEDA109-ONL2 ONLINE 15-week
4105 MEDA109-ONL3 ONLINE 1st 7 1/2-week
3864 MEDA109-ONL4 ONLINE 2nd 7 1/2-week
MEDA112 - Medical/Administrative Office Applications (3)
Prerequisite or Co-requisite: CMS 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.

4106 MEDA112-HYB1  W  6:30pm - 8:30pm  1st 7 1/2-week
3439 MEDA112-ONL1  ONLINE  2nd 7 1/2-week

MEDA115 - Phlebotomy Skills (3)
Prerequisite: ENGL 70 or ENGL 75 or ESL 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.

4151 MEDA115-1  W  5:00pm - 8:00pm  2nd 7 1/2-week

MEDA140 - Medical Assisting Practicum I (1)
Prerequisites: MEDA 102 and (MEDA 112 or MEDA 115) and CMS 101
(formerly MDA 104)
Provides supervised placement in a contracted facility for guided experience in application of knowledge and skill of business and administrative skills in a medical office. Emphasis is placed on enhancing competence in medical skills necessary for comprehensive patient care and strengthening professional communications and interactions.

3007 MEDA140-1  ASG  January 3-week

MEDA201 - Medical Assisting Clinical Skills I (3)
Prerequisite: MEDA 102; Prerequisite or Co-requisite: MEDA 140 or MDA 104
(formerly MDA 201)
Develops routine laboratory skills and techniques required for assisting patients in a medical office. Emphasizes laboratory activities and responsibilities of the laboratory technician for a physician's office. 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.

3440 MEDA201-1  F  9:00am - 1:30pm  1st 7 1/2-week

MEDA202 - 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.

3441 MEDA202-1  F  9:00am - 1:30pm  2nd 7 1/2-week

MEDA204 - 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.

3854 MEDA204-1  ASG  2nd 7 1/2-week

MEDA209 - 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.

3888 MEDA209-HYB1  TH  11:00am - 1:45pm  2nd 7 1/2-week

MEDA216 - Diagnostic and Procedural Medical Coding (3)
Prerequisite or Co-requisite: CMS 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.

3889 MEDA216-ONL1  ONLINE  1st 7 1/2-week

MEDA218 - 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.

3890 MEDA218-ONL1  ONLINE  2nd 7 1/2-week

MEDA220 - Electronic Health Records (3)
Prerequisite or Co-requisite: CMS 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.

3442 MEDA220-ONL1  ONLINE  1st 7 1/2-week
3443 MEDA220-ONL2  ONLINE  2nd 7 1/2-week

MEDA222 - Federal Healthcare Programs and Laws (3)
Prerequisite or Co-requisite: CMS 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.

4107 MEDA222-ONL1  ONLINE  15-week

MUSC: Music

MUSC101 - 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.

3728 MUSC101-1  MW  9:30am - 10:45am  15-week
3729 MUSC101-ONL1  ONLINE  15-week

MUSC103 - 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.

3730 MUSC103-1  MW  11:00am - 12:15pm  15-week
3731 MUSC103-2  TH  12:30pm - 1:45pm  15-week
4131 MUSC103-ONL1  ONLINE  15-week
## MUSC106 - 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.

<table>
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## MUSC107 - Ear Training and Musicianship II (1)
**Prerequisite:** MUSC 106  
(Formerly MU 107)

Continues Ear Training and Musicianship I, coordinated with material presented in Music Theory II, including non-harmonic tones, choral style, syncopated rhythms, cadences, and harmonic progressions. Note: Concurrent enrollment in Music Theory II (MUSC 112) and Ear Training and Musicianship II is required of all music transfer majors.

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## MUSC109 - 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.

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## MUSC111 - 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.

<table>
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</table>

## MUSC112 - Music Theory II (3)
**Prerequisite:** MUSC 111  
(Formerly MU 112)

Reviews conventional 4-part writing practices and introduces 7th chords, chord progressions, secondary dominants, and modulations. Explores elementary composition and harmonization techniques. Note: Concurrent enrollment in Music Theory II and Ear Training and Musicianship II (MUSC 107) is required of all music transfer majors.

<table>
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<tr>
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<th>Days</th>
<th>Time</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>3735</td>
<td>MUSC112-1</td>
<td>TTH</td>
<td>3:30pm - 4:45pm</td>
<td>15-week</td>
</tr>
</tbody>
</table>

## MUSC118 - Choral Ensemble I (1)
(Formerly MU 118)

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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>3736</td>
<td>MUSC118-1C</td>
<td>T</td>
<td>7:45pm - 10:20pm</td>
<td>15-week</td>
</tr>
</tbody>
</table>

## MUSC120 - Jazz Ensemble I (1)
**Prerequisite:** Permission of instructor  
(Formerly MU 120)

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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>3737</td>
<td>MUSC120-1</td>
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</tr>
<tr>
<td>3738</td>
<td>MUSC120-2C</td>
<td>W</td>
<td>7:45pm - 10:10pm</td>
<td>15-week</td>
</tr>
</tbody>
</table>

## MUSC122 - Orchestral Ensemble I (1)
**Prerequisite:** Permission of instructor  
(Formerly MU 122)

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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>3739</td>
<td>MUSC122-1C</td>
<td>TH</td>
<td>7:30pm - 10:00pm</td>
<td>15-week</td>
</tr>
<tr>
<td>4022</td>
<td>MUSC122-2</td>
<td>TH</td>
<td>7:00pm - 9:30pm</td>
<td>15-week</td>
</tr>
</tbody>
</table>

## MUSC124 - Wind Ensemble I (1)
**Prerequisite:** Permission of instructor  
(Formerly MU 124)

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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>3740</td>
<td>MUSC124-1C</td>
<td>W</td>
<td>6:30pm - 9:00pm</td>
<td>15-week</td>
</tr>
</tbody>
</table>

## MUSC130 - 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 electronics. Students will learn basic digital audio workstation operation and other skills required to work in the studio.

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>3741</td>
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<td>TTH</td>
<td>11:00am - 12:15pm</td>
<td>15-week</td>
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</tbody>
</table>

## MUSC135 - Audio Recording Techniques (3)
**Prerequisite:** MUSC 130  
(Formerly MU 135)

Provides an in-depth exploration of microphone technology, analog and digital theory, and recording systems. Students will explore techniques for recording in the tonearm style of engineering, particularly as it relates to microphone techniques and editing using a digital audio workstation.

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Term</th>
</tr>
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<tbody>
<tr>
<td>4027</td>
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<td>3742</td>
<td>MUSC135-2</td>
<td>TTH</td>
<td>3:30pm - 4:45pm</td>
<td>15-week</td>
</tr>
</tbody>
</table>

## MUSC145 - 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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>4079</td>
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<td>TTH</td>
<td>12:30pm - 1:45pm</td>
<td>15-week</td>
</tr>
</tbody>
</table>

## MUSC151 - 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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Term</th>
</tr>
</thead>
<tbody>
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<td>3743</td>
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<tr>
<td>3744</td>
<td>MUSC151-2C</td>
<td>W</td>
<td>12:30pm - 1:20pm</td>
<td>15-week</td>
</tr>
</tbody>
</table>

## MUSC152 - Class Piano II (1)
(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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Term</th>
</tr>
</thead>
<tbody>
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<tr>
<td>3746</td>
<td>MUSC152-2C</td>
<td>W</td>
<td>12:30pm - 1:20pm</td>
<td>15-week</td>
</tr>
</tbody>
</table>
### MUSC201 - 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.

### MUSC207 - Ear Training and Musicianship IV (1)
- Prerequisites: MUSC 206, Co-requisite: MUSC 207 (formerly MU 207)
- Continues skills from Ear Training and Musicianship III, coordinating with Music Theory IV, emphasizing modal melodies, chromaticism, changing meters, and modulations. In-class dictations will alternate with individual keyboard and singing assignments during class time. Computer workstations are available for use during class time.

### MUSC212 - Music Theory IV (3)
- Prerequisites: MUSC 211 or MUSC 120 or permission of instructor (formerly MU 212)
- Continues Music Theory III. Includes a review of extended chords and binary and ternary forms, and a more extensive study of large-scale forms such as fugues, theme and variation, sonata-allegro form, and the rondo. Introduction to late Romanticism, Impressionism, and 20th century compositional techniques using complex harmonic progressions, whole-tone and pentatonic scales, and atonality.

### MUSC218 - Choral Ensemble II (1)
- (formerly MU 218)
- 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.

### MUSC222 - Orchestral Ensemble II (1)
- Prerequisites: MUSC 121 or MUSC 122 or permission of instructor (formerly MU 222)
- 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.

### MUSC224 - Wind Ensemble II (1)
- Prerequisites: MUSC 123 or MUSC 124 or permission of instructor (formerly MU 224)
- 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.

### Additional fees: $490
Thirteen one-hour lessons of instruction that encompass technique, theory, style, interpretation, and performance of selected repertoire. Additional required repertoire and performance classes. Specific dates for these courses 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
- Chaz Aguado – Guitar .......................... 240.344.5662 ................ caguado@frederick.edu
- Laura Armstrong – Clarinet/ Saxophone ...................................................... 443.615.1529 ............... farmstrong@frederick.edu
- Howard Burns – Woodwinds .................. 301.788.3274 ................ hburns@frederick.edu
- Paula Chipman – Voice .......................... 301.846.2566 ................ pchipman@frederick.edu
- Jordan Clawson – Jazz Piano .................. 540.303.2469 ................ jclawson@frederick.edu
- Jacob Dalager – Trumpet ....................... 301.325.2437 ................ jdalager@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 Gesock – Voice .............................. 301.879.2069 ................ mggesock@frederick.edu
- Greg Herron – Percussion ....................... 443.621.8694 ................ gherron@frederick.edu
- Suk-Yi Hyun – Piano .............................. 240.421.7188 ................ shyun@frederick.edu
- Rowell Jao – Violin/Viola ....................... 757.779.7815 ................ rjao@frederick.edu
- Alice Lee – Piano ................................. 202.270.1667 ................ alee@frederick.edu
- John Wickelgren – Piano ....................... 301.668.0355 ................ jwickelgren@frederick.edu
- Howard Burns – Woodwinds .................. 301.788.3274 ................ hburns@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
MUSC173 - First Year Piano (1)
(formerly MU 173)
3747 MUSC173-1 John Wickelgren 13-week
3748 MUSC173-2 Lynn Staininger 13-week
3749 MUSC173-3 Alice Lee 13-week
3750 MUSC173-4 Suk Yi hyun 13-week
4045 MUSC173-5 William Loy 13-week
4290 MUSC173-6 Jordan Clawson 13-week

MUSC173 - First Year Piano (1)
(formerly MU 173)
3751 MUSC173-1 Paula Chipman 13-week
3752 MUSC173-2 William Loy 13-week
3753 MUSC173-3 Mary Gresock 13-week
3754 MUSC173-4 Lynn Staininger 13-week
3755 MUSC173-5 Sterling Scroggins 13-week

MUSC175 - First Year Voice (1)
(formerly MU 175)
3756 MUSC175-1 Jacob Dalager 13-week
3757 MUSC175-2 Aaron Lovely 13-week

MUSC175 - First Year Voice (1)
(formerly MU 175)
3758 MUSC175-1 Jennifer Rundlett 13-week
3759 MUSC175-2 Laura Armstrong 13-week
4143 MUSC175-3 Howard Burns 13-week

MUSC179 - First Year Brass (1)
(formerly MU 179)
3760 MUSC179-1 Rowell Jao 13-week
3761 MUSC179-2 Jason Diggs 13-week
3762 MUSC179-3 Flor Serrano Prada 13-week
3763 MUSC179-4 Adam Gonzalez 13-week
4144 MUSC179-5 Vivian Fleming 13-week

MUSC181 - First Year Woodwinds (1)
(formerly MU 181)
3764 MUSC181-1 Michael Raitzyk 13-week
3765 MUSC181-2 Chaz Aguado 13-week

MUSC181 - First Year Woodwinds (1)
(formerly MU 181)
3766 MUSC181-1 Rowell Jao 13-week
3767 MUSC181-2 Jason Diggs 13-week
3768 MUSC181-3 Flor Serrano Prada 13-week
3769 MUSC181-4 Adam Gonzalez 13-week
4145 MUSC181-5 Vivian Fleming 13-week

MUSC183 - First Year Strings (1)
(formerly MU 183)
3770 MUSC183-1 John Wickelgren 13-week
3771 MUSC183-2 Lynn Staininger 13-week
3772 MUSC183-3 Alice Lee 13-week
3773 MUSC183-4 Suk Yi hyun 13-week
4177 MUSC183-5 William Loy 13-week
4291 MUSC183-6 Jordan Clawson 13-week

MUSC185 - First Year Guitar (1)
(formerly MU 185)
3774 MUSC185-1 Michael Raitzyk 13-week
3775 MUSC185-2 Chaz Aguado 13-week

MUSC185 - First Year Guitar (1)
(formerly MU 185)
3776 MUSC185-1 John Wickelgren 13-week
3777 MUSC185-2 Lynn Staininger 13-week
3778 MUSC185-3 Alice Lee 13-week
3779 MUSC185-4 Suk Yi hyun 13-week
4177 MUSC185-5 William Loy 13-week
4291 MUSC185-6 Jordan Clawson 13-week

MUSC187 - First Year Percussion (1)
(formerly MU 187)
3780 MUSC187-1 Gregory Herron 13-week

MUSC273 - Second Year Piano (1)
(formerly MU 273)
3781 MUSC273-1 John Wickelgren 13-week
3782 MUSC273-2 Lynn Staininger 13-week
3783 MUSC273-3 Alice Lee 13-week
3784 MUSC273-4 suk yi hyun 13-week
4177 MUSC273-5 William Loy 13-week
4291 MUSC273-6 Jordan Clawson 13-week

MUSC273 - Second Year Piano (1)
(formerly MU 273)
3785 MUSC273-1 Jacob Dalager 13-week
3786 MUSC273-2 Aaron Lovely 13-week

MUSC281 - Second Year Woodwinds (1)
(formerly MU 281)
3787 MUSC281-1 Jennifer Rundlett 13-week
3788 MUSC281-2 Laura Armstrong 13-week
4145 MUSC281-3 Howard Burns 13-week

MUSC283 - Second Year Strings (1)
(formerly MU 283)
3789 MUSC283-1 Rowell Jao 13-week
3790 MUSC283-2 Jason Diggs 13-week
3791 MUSC283-3 Flor Serrano Prada 13-week
3792 MUSC283-4 Adam Gonzalez 13-week
4146 MUSC283-5 Vivian Fleming 13-week

MUSC285 - Second Year Guitar (1)
(formerly MU 285)
3793 MUSC285-1 Michael Raitzyk 13-week
3794 MUSC285-2 Chaz Aguado 13-week

MUSC287 - Second Year Percussion (1)
(formerly MU 287)
3795 MUSC287-1 Gregory Herron 13-week

NURS: Nursing

NURS50 - Preparation for Nursing (0) [1]
Prerequisite: Acceptance into clinical nursing program
(formerly NU 50)
Serves as a basis for developing proficiency and accuracy in dosage calculation. Includes computations for oral, parenteral, and intravenous routes of administration for adults and children using the apothecaries, metric, and household systems of measurement.
3006 NURS50-HYB1 M 5:00pm - 9:00pm January 3-week
Note: Student must be accepted into the nursing clinical component for January 2020.

NURS101 - 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.
4011 NURS101-1LC T 5:00pm - 8:00pm 15-week
4283 NURS101-2LC M 5:00pm - 8:00pm 15-week
3343 NURS101-11LB ASG 15-week
Note: Students must register for corresponding lecture (LC) and lab (LB).
### NURS211 - 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Days</th>
<th>Times</th>
<th>Weeks</th>
</tr>
</thead>
<tbody>
<tr>
<td>3344 NURS211-1LC</td>
<td>M</td>
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<tr>
<td>3345 NURS211-2LC</td>
<td>W</td>
<td>10:15am - 3:00pm</td>
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</tr>
<tr>
<td>3346 NURS211-1LB</td>
<td></td>
<td>ASG</td>
<td>15-week</td>
<td></td>
</tr>
</tbody>
</table>

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

### NURS212 - 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Days</th>
<th>Times</th>
<th>Weeks</th>
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<tr>
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<td>3348 NURS212-11LB</td>
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<td>15-week</td>
<td></td>
</tr>
</tbody>
</table>

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

### NURS214 - 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Days</th>
<th>Times</th>
<th>Weeks</th>
</tr>
</thead>
<tbody>
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<td>3365 NURS214-2LC</td>
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</tbody>
</table>

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

### NURS218 - 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Days</th>
<th>Times</th>
<th>Weeks</th>
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<tr>
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<td>4034 NURS218-11LB</td>
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<td>ASG</td>
<td>15-week</td>
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</table>

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

### NURS231 - 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Days</th>
<th>Times</th>
<th>Weeks</th>
</tr>
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<tbody>
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<td>3351 NURS231-11LB</td>
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<td>15-week</td>
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</table>

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

### NURS261 - 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Days</th>
<th>Times</th>
<th>Weeks</th>
</tr>
</thead>
<tbody>
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<td>3354 NURS261-1LC</td>
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<td>3356 NURS261-11LB</td>
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<td>ASG</td>
<td>15-week</td>
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</tbody>
</table>

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

### NUTR: Nutrition

#### NUTR100 - 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Days</th>
<th>Times</th>
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<tr>
<td>3596 NUTR100-1</td>
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<td>9:30am - 11:30am</td>
<td>2nd 7 1/2-week</td>
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#### NUTR102 - 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.

<table>
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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Days</th>
<th>Times</th>
<th>Weeks</th>
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<tr>
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<tr>
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<td></td>
<td>2nd 7 1/2-week</td>
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</tbody>
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#### NUTR200 - Principles and Application of Nutrition (3)
Prerequisite: BSCI 100 or BSCI 150 or BI 101 or BSCI 201 or BI 103 or BI 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.

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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Days</th>
<th>Times</th>
<th>Weeks</th>
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<tr>
<td>4246 NUTR200-2</td>
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<td>15-week</td>
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</table>

### PHED: Physical Education

#### PHED105 - 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.

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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Days</th>
<th>Times</th>
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<td>1st 7 1/2-week</td>
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#### PHED110 - Volleyball (1)
(formerly PE 165)
Includes orientation, instruction and participation in specific skills, rules and etiquette of the sport.

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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Days</th>
<th>Times</th>
<th>Weeks</th>
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<td>1st 7 1/2-week</td>
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#### PHED115 - Weight Training (1)
(formerly PE 166)
Introduces the student to basic weight training techniques, training programs, and safety procedures.

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<tr>
<th>Course Code</th>
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<th>Days</th>
<th>Times</th>
<th>Weeks</th>
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<tr>
<td>3618 PHED115-4</td>
<td>M</td>
<td>5:00pm - 7:00pm</td>
<td>2nd 7 1/2-week</td>
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</table>
PHED122 - 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.

3619 PHED122-1 MW 11:00am - 12:00pm 2nd 7 1/2-week
Note: After first day, class will meet at the tennis courts. In the event of inclement weather, the class will meet in D100 (6ym).

PHED125 - 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.

3620 PHED125-1 W 5:00pm - 7:00pm 2nd 7 1/2-week
Note: Course will meet on campus for first three weeks. For weeks 4 - 7, class will be 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).

PHED130 - Snowboarding/Skiing (1)
(formerly PE 183)
Introduces the regulations, safety and etiquette, and skills of snowboarding/skiing. The beginner student will learn skills required to safely traverse the beginner slopes. The intermediate and advanced students will learn advanced techniques to improve their current skills levels. Students will be evaluated at the slopes and placed into the correct skill level. Additional fees paid at site.

3873 PHED130-1 W 5:00pm - 7:00pm 1st 5-week
Note: This class is held in the Spring semester only. After the first day, class is held at Ski Liberty. Additional instructor/equipment fees will be required by Ski Liberty and will need to be paid at site by the second class. Cash, check or credit card are accepted. For fee amounts, see the Ski Liberty website.

PHED133 - Kickboxing (1)
(formerly PE 196)
Provides basic fundamentals of Lethwei (Burmese Kickboxing). Basic principles, history, and styles and linguistic of the fighter will be covered. This course emphasizes safety and 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.

4051 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.

PHED135 - 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.

4036 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.

PHED136 - 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.

4251 PHED136-1 F 5:00pm - 7:00pm 2nd 7 1/2-week

PHED138 - 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.

3625 PHED138-1 TTH 2:00pm - 3:15pm 1st 5-week

PHED140C - 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.

3626 PHED140C-1 TTH 12:30pm - 1:45pm 1st 7 1/2-week

PHED143 - 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.

3624 PHED143-1 TTH 9:30am - 10:45am 2nd 7 1/2-week

PHED145 - 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.

4104 PHED145-1 M 5:00pm - 7:00pm 2nd 7 1/2-week

PHED148 - Exercise Psychology (1)
(formerly PE 237)
Introduces the psychological factors that affect exercise participation and performance.

3895 PHED148-1 M 2:30pm - 4:30pm 2nd 7 1/2-week
3628 PHED148-ONL1 ONLINE 1st 7 1/2-week

PHED150 - 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.

3630 PHED150-1 TTH 11:00am - 12:15pm 1st 7 1/2-week

PHED152 - 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.

3629 PHED152-1 TTH 11:00am - 12:15pm 2nd 7 1/2-week

PHED155 - 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.

4294 PHED155-1 MW 2:00pm - 3:15pm 13-week

PHED165 - 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.

3610 PHED165-1 MW 11:00am - 12:15pm 15-week
3611 PHED165-2 MW 12:30pm - 1:45pm 15-week
3612 PHED165-3 TTH 9:30am - 10:45am 15-week
3613 PHED165-4 TTH 11:00am - 12:15am 15-week
3614 PHED165-5 W 5:00pm - 7:35pm 15-week
4295 PHED165-ONL1 ONLINE 15-week
PHED175 - Coaching Principles (3)
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly PE 236)
Provides student with the knowledge to become an effective coach. Foundational areas of coaching are presented, including coaching philosophy, sport psychology, sport pedagogy, sport physiology, and sport management. Coaching certification is possible through the American Sports Education Program.

3627 PHED175-1  TTH 12:30pm - 1:45pm  15-week
Note: This class is held during the Spring semester only.

PHED180 - 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.

3631 PHED180-1  MW 9:30am - 10:45am  15-week

PHED185 - 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 expository Hatha (physical) practice.

3621 PHED185-1  M 9:30am - 12:00pm  15-week
3894 PHED185-2  F 9:30am - 12:00pm  15-week
3622 PHED185-HYB1  T 6:00pm - 8:30pm  1st 7 1/2-week
3623 PHED185-HYB2  T 6:00pm - 8:35pm  2nd 7 1/2-week

PHED240 - Fitness Assessment and Business Practices (3)
Prerequisite: BSCI 201 or BI 103 or BSCI 107 or permission of instructor
(formerly PE 249)
Investigates the various modes and protocols used in fitness assessment and the relationship of assessment to the Personal Training business.

4035 PHED240-1  TTH 2:00pm - 3:15pm  15-week
Note: This course is offered in the Spring semester only.

PHED250 - Essentials of Personal Training (4)
Prerequisites: (PHED 152 or PE 241) and (PHED 150 or PE 247) or permission of instructor; Prerequisite or Co-requisite: PHED 240 or PE 249 or permission of instructor
(formerly PE 252)
Capstone course in the Personal Training Program that leads to the NASM Personal Trainer certification. Course combines 3-credit lecture and 2-credit lab.

3632 PHED250-1LC  TTH 5:00pm - 7:35pm  15-week
Note: This class is held in the Spring semester only. An additional fee of $499 is collected at Registration for online resources and voucher to take certification exam.

PHIL: Philosophy

PHIL101 - 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?

3794 PHIL101-1  MW 11:00am - 12:15pm  15-week
3795 PHIL101-2  TTH 2:00pm - 3:15pm  15-week
4052 PHIL101-3  MW 6:00pm - 7:15pm  15-week
3036 PHIL101-ONL1  ONLINE  January 3-week
3796 PHIL101-ONL2  ONLINE  2nd 7 1/2-week

PHIL102 - Critical Thinking (3)
Gen Ed Humanities
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
Enhances critical thinking faculties through thoughtful analysis of texts and ideas. Students identify flaws in modes of thought, proper research techniques, and other skills on how to engage in proper argumentative discussion.

4256 PHIL102-1  MW 11:00am - 12:15pm  15-week

PHIL105 - 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.

3807 PHIL105-1  TTH 9:30am - 10:45am  15-week
3800 PHIL105-2  TTH 12:30pm - 1:45pm  15-week

PHIL206 - 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.

3801 PHIL206-1  MW 12:30pm - 1:45pm  15-week

PHIL207 - 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.

3802 PHIL207-ONL1  ONLINE  15-week

PHIL208 - 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.

3803 PHIL208-ONL1  ONLINE  1st 7 1/2-week

PHSC: Physical Science

PHSC101 - 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 MA 103/MA 103A or MA 105/MA 105A or MA 107/MA 107A or MA 120/MATH 120A or MA 206/MA 206A or MA 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).

3472 PHSC101-1  MW 11:00am - 12:15pm  15-week
4053 PHSC101-HYB1  W 6:00pm - 7:15pm  1st 7 1/2-week
3473 PHSC101-ONL1  ONLINE  15-week

PHSC104 - 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 MA 103/MA 103A or MA 105/MA 105A or MA 107/MA 107A or MA 120/MATH 120A or MA 206/MA 206A or MA 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.

3474 PHSC104-ONL1  ONLINE  15-week
4114 PHSC104-ONL2  ONLINE  2nd 7 1/2-week
PHSC105 - 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 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 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).

4244 PHSC105-1 MW 8:00am - 9:15am 15-week
3927 PHSC105-ONL1 ONLINE 15-week

PHSC109 - Energy 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 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 121)
Explores the nature and properties of energy. Emphasizes a scientific understanding of energy and its role in the global society. Examines current and alternative energy sources used to meet the needs of a growing and developing society. Some Friday or Saturday field trips.

3486 PHSC109-1 MW 9:30am - 10:45am 15-week

PHSC111 - 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 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 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).

3481 PHSC111-1LC M 12:30pm - 3:05pm 15-week
3482 PHSC111-11LB W 12:30pm - 3:00pm 15-week
3840 PHSC111-2LC T 6:00pm - 8:35pm 15-week
3841 PHSC111-21LB TH 6:00pm - 8:30pm 15-week
Note: Students must register for corresponding lecture (LC) and lab (LB).

PHSC112 - 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 these 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.

3483 PHSC112-1LC T 9:30am - 12:05pm 15-week
3484 PHSC112-11LB TH 9:30am - 12:00pm 15-week
Note: Students must register for corresponding lecture (LC) and lab (LB).

3485 PHSC112-ONL1 ONLINE 15-week

PHSC115 - 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 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 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).

3475 PHSC115-ONL1 ONLINE 15-week

PHSC117 - 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 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 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.

3476 PHSC117-1LC M 9:30am - 12:05pm 15-week
3477 PHSC117-11LB W 9:30am - 12:00pm 15-week
3990 PHSC117-12LC T 12:30pm - 3:05pm 15-week
3990 PHSC117-21LB TH 12:30pm - 3:00pm 15-week
Note: Students must register for corresponding lecture (LC) and lab (LB).

PHSC122 - Historical 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 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 108)
Traces the history of the earth through time. Presents scientific theories on the origin of the earth and the evolution of life. Provides students with the tools to interpret the rock and fossil record with a focus on the geologic history of North America. Meets the requirement for a general education science lab course.

3479 PHSC122-1LC M 9:30am - 12:00pm 15-week
3480 PHSC122-11LB W 9:30am - 12:00pm 15-week
Note: Students must register for corresponding lecture (LC) and lab (LB).

Physical Science Notes:
PHSC109 - Energy and Society offered spring semester only.
PHSC121 - Physical Geology offered fall semester only.
PHSC122 - Historical Geology offered spring semester only.

PHYS: Physics

PHYS101 - Survey of Physics (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 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 PY 101)
Presents a survey of physics. Topics include mechanics, energy, thermodynamics, waves, sound, electricity and magnetism, optics, and modern physics.

3928 PHYS101-1 MW 2:00pm - 3:15pm 15-week
3487 PHYS101-2 F 8:00am - 10:35am 15-week

PHYS122 - Fundamentals of Physics II (4)
Gen Ed Science
Prerequisite: PHYS 121 or PY 201
(formerly PY 202)
Presents the second of a two-course introductory sequence to physics using algebra and trigonometry. Topics include thermodynamics, electricity and magnetism, optics, and modern physics.

4054 PHYS122-11LC T 12:30pm - 3:05pm 15-week
4055 PHYS122-11LB M 12:30pm - 3:00pm 15-week
Note: Students must register for corresponding lecture (LC) and lab (LB).

Note: No/Low Cost Course Section: The textbook costs for this course are under $40.
### PHYS121 - Fundamentals of Physics I

**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.

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<th>Section</th>
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<th>Credits</th>
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</table>

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

### PHYS122 - Fundamentals of Physics II

**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.

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

### PLAC: Prior Learning Assessment Course

**PLAC101 - 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 to submit portfolios for credit from prior learning.

Note: No/Low Cost Course Section: The textbook costs for this course are under $40.

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### POSC101 - General Psychology

**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.

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Note: No/Low Cost Course Section: The textbook costs for this course are under $40.

### PSYC: Psychology

#### PSYC101 - General Psychology

**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.

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Note: No/Low Cost Course Section: The textbook costs for this course are under $40.

#### PSYC101H - General Psychology

**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.

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Note: This course is scheduled in an accelerated format of 14 weeks (not counting Sundays). Be mindful that it covers the same material as a 15 week course in this condensed time frame. If you are unable to devote a significant number of hours each day you may have difficulty being successful. Please consider the time you can dedicate to this course before enrolling.

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Note: No/Low Cost Course Section: The textbook costs for this course are under $40.

#### PSYC101H - General Psychology

**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.

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#### PSYC104 - Issues of Drug/Alcohol Use

**Gen Ed Psychology**

**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.

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#### PSYC202 - Social Psychology

**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.

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</table>
PSYC204 - 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.
4193 PSYC204-1 TTH 2:00pm - 3:15pm 15-week

PSYC205 - Psychology of Aging (3)
Prerequisite or Co-requisite: ENGL 101
(formerly PS 205)
Introduces the normal physiological, psychological and sociological changes that occur during the life span. Emphasis on consequent behavior patterns and changing needs of the elderly. Includes study of adaptive processes, intervention techniques, strategies and availability of services.
4281 PSYC205-1 MW 11:00am - 12:15pm 15-week

PSYC206 - Abnormal Psychology (3)
Prerequisite: PSYC 101; Prerequisite or Co-requisite: ENGL 101
(formerly PS 206)
Explores the nature, etiology, diagnosis, treatment and possible prevention of the major classifications of psychological disorders including anxiety, mood, eating, substance-related, schizophrenic, dissociative, personality and childhood disorders.
3572 PSYC206-1 MW 9:30am - 10:45am 15-week
3571 PSYC206-2 TTH 12:30pm - 1:45pm 15-week
3573 PSYC206-ONL1 ONLINE 15-week

PSYC206H - Abnormal Psychology (3)
Prerequisite or Co-requisite: ENGL 101
(formerly PS 206)
Explores the nature, etiology, diagnosis, treatment and possible prevention of the major classifications of psychological disorders including anxiety, mood, eating, substance-related, schizophrenic, dissociative, personality and childhood disorders.
3831 PSYC206H-1 MW 12:30pm - 1:45pm 15-week

RESP: Respiratory Care

RESP103 - Pharmacology (3)
Prerequisites: (BSCI 202 or BI 104) and RESP 100 and (RESP 101 or RC 104) and RESP 102
(formerly RC 103)
Introduces the various classifications of drugs, including drug action and effects, site of activity, recommended dosages and toxicity. Emphasis on anesthetics, bronchodilators, muscimotics, cardiovascular agents and drugs affecting the nervous system as they apply to respiratory therapy.
3882 RESP103-1 W 12:00pm - 2:30pm 15-week

RESP105 - Cardiopulmonary and Renal Anatomy and Physiology (3)
Prerequisites: (BSCI 202 or BI 104) and RESP 100 and (RESP 101 or RC 104) and RESP 102
(formerly RC 105)
Emphasizes the structure and function of the pulmonary, cardiovascular and renal systems as they relate to respiratory care.
3883 RESP105-1 W 9:00am - 11:30am 15-week

RESP107 - Principles of Mechanical Ventilation (4)
Prerequisites: (BSCI 202 or BI 104) and RESP 100 and (RESP 101 or RC 104) and RESP 102
(formerly RC 107)
Explores general principles of gas physics, principles of airway management, intubation and the theory and operation of mechanical ventilators. Includes special problems associated with both short-term and long-term care of patients requiring artificial ventilation. Integrates arterial blood gas studies with course topics. The laboratory portion of the course takes the principles and procedures presented in lecture and applies them via procedure competency testing and simulated clinical situations.
3906 RESP107-1LC M 9:00am - 11:30am 15-week
3907 RESP107-1LB M 12:00pm - 1:30pm 15-week
3908 RESP107-2LC M 1:45pm - 3:15pm 15-week
3938 RESP107-13LB M 3:30pm - 5:00pm 15-week
Note: Students must register for corresponding lecture (LC) and lab (LB).

RESP109 - Clinical Practicum I (2)
Prerequisites: (BSCI 202 or BI 104) and RESP 100 and (RESP 101 or RC 104) and RESP 102
(formerly RC 109)
Introduces the hospital environment and patient care, including charts and record-keeping. Includes practical experience in using basic respiratory therapy equipment and applying it to patient care. Students perform basic respiratory therapy modalities such as oxygen therapy, aerosol therapy, IPPB, incentive spirometry and chest physiotherapy and postural drainage.
3909 RESP109-1 TTH 7:00am - 2:00pm 15-week

RESP204 - Pulmonary Rehabilitation and Home Care (2)
Prerequisites: (RESP 200 or RC 206) and (RESP 201 or RC 204) and RESP 202 and (RESP 203 or RC 208)
(formerly RC 203)
Reviews all of the assessment skills, equipment, and interventions presented throughout the program, and applies them to the care of patients in alternative settings. Focus is on teaching patients to live with their diseases. A capstone course for the respiratory care program.
3910 RESP204-1 TH 11:40am - 1:20pm 15-week

RESP205 - Professional Seminar (2)
Prerequisites: (RESP 200 or RC 206) and (RESP 201 or RC 204) and RESP 202 and (RESP 203 or RC 208)
(formerly RC 205)
Prepares students for entry into clinical practice. Emphasizes preparation for the entry level and registry examinations given by the National Board for Respiratory Care. Provides familiarization with the prospective test matrices and uses both text and computer review materials. Reviews and discusses assigned current readings from various journals related to respiratory therapy.
3911 RESP205-1 TH 9:30am - 11:10am 15-week
Note: An additional fee of $325 is collected at Registration to cover the cost of the onsite Kettering Review Seminar.

RESP207 - Cardiopulmonary and Renal Pathophysiology Review (3)
Prerequisites: (RESP 200 or RC 206) and (RESP 201 or RC 204) and RESP 202 and (RESP 203 or RC 208)
(formerly RC 207)
Examines the effects of various diseases upon the cardiopulmonary and renal systems. Discusses both acute and long-term aspects of ventilatory-circulatory impairment. Emphasis on diseases that cause insult to the respiratory system.
3912 RESP207-1 T 9:00am - 11:30am 15-week

RESP209 - Clinical Practicum IV (2)
Prerequisites: (RESP 200 or RC 206) and (RESP 201 or RC 204) and RESP 202 and (RESP 203 or RC 208)
(formerly RC 209)
Provides clinical experience in the pediatric/neonatal environment as well as advanced adult critical care. Students rotate through neonatal and pediatric intensive care units and gain practical experience with mechanical ventilator management and various therapeutic techniques for this patient population. Students also rotate through various adult critical care areas.
3913 RESP209-1 MW 7:00am - 2:00pm 15-week

RUSS: World Languages: Russian

RUSS102 - Introductory Russian II (3)
Gen Ed Humanities
Prerequisite: RUSS 101
(formerly LR 102)
Continues to build upon the structures learned in RUSS 101. Students will improve fluency as they learn new grammar and vocabulary. Through the reading of lifelike dialogues, students gain insight into Russian culture, thought, and expression.
3944 RUSS102-1 MW 6:00pm - 8:35pm 1st 7 1/2-week

RUSS201 - Intermediate Russian I (3)
Gen Ed Humanities
Prerequisite: RUSS 102
(formerly LR 201)
Presents advanced grammar and composition within selected readings pertinent to the intermediate level. Group discussions in Russian and increased emphasis on reading, writing, and intercultural competence.
4147 RUSS201-1 MW 6:00pm - 8:35pm 2nd 7 1/2-week
### SOCY: Sociology

**SOCY101 - 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. Examines social processes in cultural patterns and institutions. Examines group values at various levels of human relationship.

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

**SOCY102 - 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.

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**SOCY201 - 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Days</th>
<th>Time</th>
<th>Credits</th>
<th>Term</th>
</tr>
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<tbody>
<tr>
<td>3584 SOCY201-1</td>
<td>TTH</td>
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<tr>
<td>3585 SOCY201-ONL1</td>
<td>ONLINE</td>
<td>13-week</td>
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</table>

**SOCY207 - Sexuality and Society (3)**  
Prerequisite: ENGL 101 or SOCY 101  
(formerly SO 207)

Introduces sexuality as a political, cultural and social issue. Examines how societies influence the development of sexual scripts, what is considered ‘normal’ and ‘abnormal,’ moral and immoral, and explores how these beliefs influence social responses to current social problems related to sexuality.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Days</th>
<th>Time</th>
<th>Credits</th>
<th>Term</th>
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<tbody>
<tr>
<td>4199 SOCY207-1</td>
<td>W</td>
<td>6:00pm - 8:30pm</td>
<td>15-week</td>
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</table>

### SOCY210 - 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Days</th>
<th>Time</th>
<th>Credits</th>
<th>Term</th>
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<tbody>
<tr>
<td>4021 SOCY210-ONL1</td>
<td>ONLINE</td>
<td>15-week</td>
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</tbody>
</table>

**SOCY212 - 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Days</th>
<th>Time</th>
<th>Credits</th>
<th>Term</th>
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<tbody>
<tr>
<td>4033 SOCY212-1</td>
<td>TTH</td>
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<td>15-week</td>
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</table>

### SPAN: World Languages: Spanish

**SPAN101 - 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.

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Days</th>
<th>Time</th>
<th>Credits</th>
<th>Term</th>
<th>Notes</th>
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<tbody>
<tr>
<td>4086 SPAN101-1</td>
<td>MW</td>
<td>9:30am - 10:45am</td>
<td>15-week</td>
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<tr>
<td>4308 SPAN101-2</td>
<td>TTH</td>
<td>9:30am - 10:45am</td>
<td>15-week</td>
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<tr>
<td>3725 SPAN101-3</td>
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<td>15-week</td>
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<tr>
<td>3724 SPAN101-4</td>
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<td>3723 SPAN101-WE1</td>
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<td>13-week</td>
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</table>

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

**SPAN102 - Introductory Spanish II (3)**  
Gen Ed Humanities  
(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.

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Days</th>
<th>Time</th>
<th>Credits</th>
<th>Term</th>
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</table>

**SPAN201 - Intermediate Spanish I (3)**  
Gen Ed Humanities  
(formerly LS 201)

These are beginning language courses. Students with prior language knowledge should discuss placement with the Language Program Manager.

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Days</th>
<th>Time</th>
<th>Credits</th>
<th>Term</th>
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</thead>
<tbody>
<tr>
<td>3726 SPAN101-ONL1</td>
<td>ONLINE</td>
<td>15-week</td>
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</table>

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.

**SPAN202 - Intermediate Spanish II (3)**  
Gen Ed Humanities  
(formerly LS 202)

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.

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Days</th>
<th>Time</th>
<th>Credits</th>
<th>Term</th>
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<tbody>
<tr>
<td>3828 SPAN201-1</td>
<td>TTH</td>
<td>9:30am - 10:45am</td>
<td>15-week</td>
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</table>

**SPAN201 - Intermediate Spanish I (3)**  
Gen Ed Humanities  
(formerly LS 201)

Introduces the study 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.

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Days</th>
<th>Time</th>
<th>Credits</th>
<th>Term</th>
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<tbody>
<tr>
<td>4308 SPAN101-2</td>
<td>TTH</td>
<td>9:30am - 10:45am</td>
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</table>

**SPAN202 - Intermediate Spanish II (3)**  
Gen Ed Humanities  
(formerly LS 202)

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.

<table>
<thead>
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<th>Course Code</th>
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<th>Credits</th>
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</tr>
</thead>
<tbody>
<tr>
<td>3828 SPAN201-1</td>
<td>TTH</td>
<td>9:30am - 10:45am</td>
<td>15-week</td>
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</tbody>
</table>
SPAN202 - Intermediate Spanish II (3)
Gen Ed Humanities; Cultural Competence
Prerequisite: SPAN 201 or permission of program manager
(formerly LS 202)
Continues to build upon structures learned in SPAN 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.
4026 SPAN202-1 MW 12:30pm - 1:45pm 15-week

SPAN211 - 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.
4307 SPAN211-1 TTH 11:00am - 12:15pm 15-week

SURG: Surgical Technology

SURG120 - Surgery Essentials (3)
Prerequisites: (MEDA 108 or MEDA 109) and (BSCI 202 or BSCI 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.
3637 SURG120-1LC SAT 8:00am - 12:00pm 1st 5-week
T 12:00pm - 7:00pm 1st 5-week
Note: Students must register for corresponding lecture (LC) and lab (LB).
3994 SURG120-12LB WTH 10:00am - 1:00pm 1st 5-week
4284 SURG120-13LB SAT 12:00pm - 3:00pm 1st 5-week
4110 SURG120-14LB W 5:00pm - 8:00pm 1st 5-week
Note: An additional fee of $425 is collected at Registration to cover the cost of lab supplies.

SURG125 - 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.
3633 SURG125-11LC SAT 8:00am - 12:00pm 2nd 10-week
T 12:00pm - 7:00pm 2nd 10-week
Note: Students must register for corresponding lecture (LC) and lab (LB). An additional fee of $100 is collected at Registration to cover the cost of drug testing and fingerprinting.
3634 SURG125-11LB WTHF 6:45am - 3:00pm 2nd 10-week
3635 SURG125-12LB WTHF 10:00am - 1:00pm 2nd 10-week
4109 SURG125-13LB SAT 12:00pm - 3:00pm 2nd 10-week
4108 SURG125-14LB W 5:00pm - 8:00pm 2nd 10-week

SURG130 - 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.
3636 SURG130-11LC T 12:00pm - 7:00pm 2nd 10-week

SURG135 - Fundamentals of Surgical Technology II (5)
Prerequisite: SURG 135 or ST 105
(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.
3995 SURG135-1LC M 9:00am - 1:00pm January 3-week
3996 SURG135-11LB WTHF 6:45am - 3:00pm January 3-week
Note: Students must register for corresponding lecture (LC) and lab (LB).

SURG200 - 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.
4252 SURG200-11LC M 9:00am - 2:00pm 1st 7 1/2-week
4253 SURG200-11LB WTHF 6:45am - 3:00pm 1st 7 1/2-week

SURG205 - 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. Preparing the student to sit for the national certification examination in surgical technology.
4254 SURG205-11LC M 9:00am - 2:00pm 2nd 7 1/2-week
4285 SURG205-11LB WTHF 9:00am - 12:00pm 2nd 7 1/2-week
4285 SURG205-11LB WTHF 6:45am - 3:00pm 2nd 7 1/2-week

THEA: Theater

THEA101 - 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.
3804 THEA101-1 TTH 11:00am - 12:15pm 15-week

THEA102 - Introduction to Acting (3)
(formerly THR 102)
Offers a basic study of acting, through both a historical perspective and in-depth exercises.
3805 THEA102-1 MW 12:30pm - 1:45pm 15-week

THEA107 - 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.
4112 THEA107-1C TTH 12:30pm - 1:45pm 15-week

THEA108 - Theatre Ensemble I (3)
(formerly THR 108)
Explores performance, design, direction, and technical aspects of theatre as students work together to build theatre from the common interest of the class group. The course begins with an overview of the history of devised theatre and examines the socio-cultural-political context for developing approaches to the process of devising and performing genres.
3806 THEA108-1C MW 2:00pm - 3:15pm 15-week
**THEA202 - Advanced Acting (3)**  
Prerequisite: THEA 102  
(formerly THR 206)  
Explores an intermediate study of acting, through both an historical perspective and in-depth exercises. Students explore scene-work through modem American texts.  
3810 THEA202-1C TTH 2:00pm - 3:15pm 15-week

**THEA203 - Fundamentals of Directing (3)**  
Prerequisite or Co-requisite: THEA 101  
(formerly THR 203)  
Explores the fundamentals of play directing through exercises, directional play analysis, and projects in directing short scenes.  
3807 THEA203-1C TTH 2:00pm - 3:15pm 15-week

**THEA204 - 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.  
3808 THEA204-1 TBA 15-week

**THEA205 - 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.  
3809 THEA205-1 TBA 15-week

**THEA207 - 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.  
4113 THEA207-1C TTH 12:30pm - 1:45pm 15-week

**THEA208 - Theatre Ensemble II (3)**  
Prerequisite: THEA 108  
(formerly THR 208)  
Explores advanced methods and execution of creating, rehearsing, and producing a piece of theatre through creativity, critical thinking, and team building skills. The course will use advanced multi-disciplinary research skills on topics deemed socially relevant by the class and through improvisation, script writing, and other play creation techniques, the class will present a vibrant theatre piece with a strong community focus.  
3856 THEA208-1C MW 2:00pm - 3:15pm 15-week

**THEA212 - 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.  
3862 THEA212-1 TBA 15-week

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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 (ispiel) 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](http://frederick.blackboard.com)  
User name Wxxxxxxx (where xxxxxxx 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](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.
## SPRING 2020

### ONLINE COURSES

**Complete course descriptions and pre/corequisites are located in the main course section.**

All course sections are require access Blackboard at [https://frederick.blackboard.com](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.

### ACCT: Accounting

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Section Code</th>
<th>Delivery</th>
<th>Start Date</th>
<th>Duration</th>
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<tbody>
<tr>
<td>ACCT101</td>
<td>Principles of Accounting I (3)</td>
<td>3048 ACCT101-ONL1</td>
<td>ONLINE</td>
<td>15-week</td>
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<td>Note: No/Low Cost Course Section: The textbook costs for this course are under $40.</td>
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<tr>
<td>ACCT102</td>
<td>Principles of Accounting II (3)</td>
<td>3054 ACCT102-ONL1</td>
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### ANTH: Anthropology

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<td>ANTH101</td>
<td>Introduction to Anthropology (3)</td>
<td>3026 ANTH101-ONL1</td>
<td>ONLINE</td>
<td>January 3-week</td>
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<td></td>
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<td>Note: This course is scheduled in an accelerated format of 14 workdays (not counting Sundays). Be mindful that it covers the same material as a 15 week course in this condensed time frame. If you are unable to devote a significant number of hours each day you may have difficulty being successful. Please consider the time you can dedicate to this course before enrolling.</td>
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<td>3144 ANTH101-ONL2</td>
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### ARTT: Art

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<th>Section Code</th>
<th>Delivery</th>
<th>Start Date</th>
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<td>ARTT100</td>
<td>Introduction to the Creative Arts (3)</td>
<td>3149 ARTT100-ONL1</td>
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<td>3272 ARTT100-ONL2</td>
<td>ONLINE</td>
<td>2nd 7 1/2-week</td>
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<tr>
<td>ARTT103</td>
<td>The History of Art: Non-Western (3)</td>
<td>3155 ARTT103-ONL1</td>
<td>ONLINE</td>
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<tr>
<td>ARTT104</td>
<td>The History of Art: Prehistoric to Early Renaissance (3)</td>
<td>3245 ARTT104-ONL1</td>
<td>ONLINE</td>
<td>13-week</td>
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### ASLS: American Sign Language Studies

<table>
<thead>
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<th>Course Title</th>
<th>Section Code</th>
<th>Delivery</th>
<th>Start Date</th>
<th>Duration</th>
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</thead>
<tbody>
<tr>
<td>ASLS124</td>
<td>Introduction to Deaf Community and History (3)</td>
<td>3190 ASLS124-ONL1</td>
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### BMGT: Business Studies

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<th>Course Code</th>
<th>Course Title</th>
<th>Section Code</th>
<th>Delivery</th>
<th>Start Date</th>
<th>Duration</th>
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<tbody>
<tr>
<td>BMGT103</td>
<td>Introduction to Business (3)</td>
<td>3034 BMGT103-ONL1</td>
<td>ONLINE</td>
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<td>Note: No/Low Cost Course Section: The textbook costs for this course are under $40.</td>
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<tr>
<td>BMGT109</td>
<td>Entrepreneurship and Small Business Enterprise (3)</td>
<td>3824 BMGT109-ONL1</td>
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<td>15-week</td>
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<td>Note: No/Low Cost Course Section: The textbook costs for this course are under $40.</td>
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<tr>
<td>BMGT110</td>
<td>Personal Financial Management (3)</td>
<td>3364 BMGT110-ONL1</td>
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<td>Note: No/Low Cost Course Section: The textbook costs for this course are under $40.</td>
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<tr>
<td>BMGT211</td>
<td>Business Law (3)</td>
<td>3366 BMGT211-ONL1</td>
<td>ONLINE</td>
<td>2nd 10-week</td>
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<td>Note: No/Low Cost Course Section: The textbook costs for this course are under $40.</td>
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<tr>
<td>BMGT221</td>
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<td>BMGT225</td>
<td>Marketing (3)</td>
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### BIOT: Biotechnology

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<td>BIOT140</td>
<td>Biotechnology and Society (3)</td>
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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.
<table>
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<tr>
<th>Course Code</th>
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<td>BMGT227</td>
<td>Principles of Management</td>
<td>3</td>
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<td>BMGT230</td>
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<td>3</td>
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**BSCI: Biological Science**

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<td>BSCI107</td>
<td>Study of the Human Body</td>
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<td>4194 BSCI107-ONL1</td>
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**CCJS: Criminal Justice**

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**CHEM: Chemistry**

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**CMIS: Computer and Information Sciences**

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<td>CMIS120</td>
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<td>CMIS121</td>
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<td>COMM103-ONL1</td>
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<td>Note: Mandatory on-campus class meetings: Wednesday, 2/6, 3/6, 4/3, and 5/1, 6-9pm</td>
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<td>COMM107-ONL1</td>
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<td>EDUC125-ONL1</td>
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<td>EDUC205-ONL1</td>
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<td>EDUC215-ONL1</td>
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<td>EDUC225-ONL1</td>
<td>Language &amp; Literacy Development in Early Childhood (3)</td>
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## ENGL: English

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<td>3655</td>
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<td>ENGL101-ONL4</td>
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Note: Open to all students who meet the requirements of EN 101 irrespective of students’ major, but students in business-related programs are encouraged to enroll.

Note: No/Low Cost Course Section: The textbook costs for this course are under $40.

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### ENGL216 - The Short Story (3)

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### ENGL219 - Technical Writing (3)

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## FILM: Film & Video

### FILM101 - Introduction to Film (3)

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## GEOG: Geography

### GEOG102 - Cultural Geography (3)

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## HCTI: Hospitality Culinary Tourism Institute

### HCTI101 - Sanitation and Food Safety (1)

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## HIST: History

### HIST101 - History of Western Civilization I (3)

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### HIST102 - History of Western Civilization II (3)

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<td>HIST102-ONL1</td>
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### HIST201 - History of the United States I (3)

<table>
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<tr>
<th>Course Code</th>
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<tr>
<td>3532</td>
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</table>

Note: No/Low Cost Course Section: The textbook costs for this course are under $40.

### HIST202 - History of the United States II (3)

<table>
<thead>
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<th>Course Code</th>
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<tbody>
<tr>
<td>3878</td>
<td>HIST202-ONL1</td>
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## HLTH: Health Education

### HLTH150 - Health Education (3)

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<th>Course Code</th>
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<td>4136</td>
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### HLTH160 - Stress Management (3)

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<td>3604</td>
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<td>3605</td>
<td>HLTH160-ONL2</td>
<td>ONLINE</td>
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## HUMN: Humanities

### HUMN204 - World Religions (3)

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<th>Course Code</th>
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<tr>
<td>3799</td>
<td>HUMN204-ONL1</td>
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## HUMS: Human Services

### HUMS102 - Human Relations (3)

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<td>3016</td>
<td>HUMS102-ONL1</td>
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</table>

Note: This course is scheduled in an accelerated format of 14 workdays (not counting Sundays). Be mindful that it covers the same material as a 15 week course in this condensed time frame. If you are unable to devote a significant number of hours each day you may have difficulty being successful. Please consider the time you can dedicate to this course before enrolling.

<table>
<thead>
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<tr>
<td>3543</td>
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<td>3541</td>
<td>HUMS102-ONL3</td>
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<td>2nd 7 1/2-week</td>
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Note: No/Low Cost Course Section: The textbook costs for this course are under $40.

### HUMS205 - Fundamentals of Addictions (3)

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<tr>
<td>4046</td>
<td>HUMS205-ONL1</td>
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## LGST: Legal Studies

### LGST103 - Ethics for the Legal Professional (3)

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<tr>
<td>4010</td>
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### LGST105 - Torts (3)

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<td>3548</td>
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### LGST106 - Technology for the Legal Profession (3)

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### LGST205 - Legal Writing (3)

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## MATH: Mathematics

### MATH67 - Educator Preparation in Mathematics (0) [2]

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<tr>
<td>4118</td>
<td>MATH67-ONL1</td>
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### MATH101 - Foundations of Mathematics (3)

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<tr>
<td>3025</td>
<td>MATH101-ONL1</td>
<td>ONLINE</td>
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</table>

Note: This course is scheduled in an accelerated format of 14 workdays (not counting Sundays). Be mindful that it covers the same material as a 15 week course in this condensed time frame. If you are unable to devote a significant number of hours each day you may have difficulty being successful. Please consider the time you can dedicate to this course before enrolling.

<table>
<thead>
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<td>3312</td>
<td>MATH101-ONL2</td>
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Note: No/Low Cost Course Section: The textbook costs for this course are under $40.
MATH120 - Statistics (3)
3024 MATH120-ONL1 ONLINE January 3-week
Note: This course is scheduled in an accelerated format of 14 workdays (not counting Sundays). Be mindful that it covers the same material as a 15 week course in this condensed time frame. If you are unable to devote a significant number of hours each day you may have difficulty being successful. Please consider the time you can dedicate to this course before enrolling.

3332 MATH120-ONL2 ONLINE 15-week $ Note: No/Low Cost Course Section: The textbook costs for this course are under $40.

MATH125 - Business Statistics (3)
3309 MATH125-ONL1 ONLINE 15-week

MATH145 - College Algebra (3)
3324 MATH145-ONL1 ONLINE 15-week

MATH165 - Precalculus (4)
3319 MATH165-ONL1 ONLINE 15-week

MATH185 - Calculus I (4)
3337 MATH185-ONL1 ONLINE 15-week

MATH220 - Introduction to MATLAB (1)
3029 MATH220-ONL1 ONLINE January 5-week
Note: This course is scheduled in an accelerated format of 14 workdays (not counting Sundays). Be mindful that it covers the same material as a 15 week course in this condensed time frame. If you are unable to devote a significant number of hours each day you may have difficulty being successful. Please consider the time you can dedicate to this course before enrolling.

3881 MATH220-ONL2 ONLINE 1st 7 1/2-week

MEDA: Medical Assisting

MEDA108 - Basic Medical Terminology (1)
3030 MEDA108-ONL1 ONLINE January 3-week
Note: This course is scheduled in an accelerated format of 14 workdays (not counting Sundays). Be mindful that it covers the same material as a 15 week course in this condensed time frame. If you are unable to devote a significant number of hours each day you may have difficulty being successful. Please consider the time you can dedicate to this course before enrolling.

3942 MEDA108-ONL2 ONLINE 1st 7 1/2-week

MEDA109 - Medical Terminology (3)
3035 MEDA109-ONL1 ONLINE January 3-week
3438 MEDA109-ONL2 ONLINE 15-week
4105 MEDA109-ONL3 ONLINE 1st 7 1/2-week
3864 MEDA109-ONL4 ONLINE 2nd 7 1/2-week

MEDA112 - Medical/Administrative Office Applications (3)
3439 MEDA112-ONL1 ONLINE 2nd 7 1/2-week

MEDA216 - Diagnostic and Procedural Medical Coding (3)
3889 MEDA216-ONL1 ONLINE 1st 7 1/2-week

MEDA218 - Health Insurance Billing and Reimbursement (3)
3890 MEDA218-ONL1 ONLINE 2nd 7 1/2-week

MEDA220 - Electronic Health Records (3)
3442 MEDA220-ONL1 ONLINE 1st 7 1/2-week
3443 MEDA220-ONL2 ONLINE 2nd 7 1/2-week

MEDA222 - Federal Healthcare Programs and Laws (3)
4107 MEDA222-ONL1 ONLINE 15-week

MUSC: Music

MUSC101 - Music History and Appreciation (3)
3729 MUSC101-ONL1 ONLINE 15-week

MUSC103 - Fundamentals of Music (3)
4131 MUSC103-ONL1 ONLINE 15-week

MUSC109 - American Popular Music (3)
4257 MUSC109-ONL1 ONLINE January 5-week
4132 MUSC109-ONL2 ONLINE 15-week

NUTR: Nutrition

NUTR102 - Nutrition in a Changing World (3)
3592 NUTR102-ONL1 ONLINE 15-week
3593 NUTR102-ONL2 ONLINE 15-week
3594 NUTR102-ONL3 ONLINE 1st 7 1/2-week
3595 NUTR102-ONL4 ONLINE 2nd 7 1/2-week

PHED: Physical Education

PHED148 - Exercise Psychology (1)
3628 PHED148-ONL1 ONLINE 1st 7 1/2-week

PHED165 - Fitness for Living (3)
4295 PHED165-ONL1 ONLINE 15-week

PHIL: Philosophy

PHIL101 - Introduction to Philosophy (3)
3036 PHIL101-ONL1 ONLINE January 3-week
3796 PHIL101-ONL2 ONLINE 2nd 7 1/2-week

PHIL207 - Biomedical Ethics (3)
3802 PHIL207-ONL1 ONLINE 15-week

PHIL208 - Business Ethics (3)
3803 PHIL208-ONL1 ONLINE 1st 7 1/2-week

PHSC: Physical Science

PHSC101 - Survey of Physical Science (3)
3473 PHSC101-ONL1 ONLINE 15-week

PHSC104 - Survey of Oceanography (3)
3474 PHSC104-ONL1 ONLINE 15-week
4114 PHSC104-ONL2 ONLINE 2nd 7 1/2-week

PHSC105 - Survey of Meteorology (3)
3927 PHSC105-ONL1 ONLINE 15-week

PHSC112 - Introduction to Earth Systems Science (4)
3485 PHSC112-ONL1 ONLINE 15-week
### PHSC: Introduction to Meteorology (4)

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<tr>
<td>3475 PHSC115-ONL1</td>
<td>Introduction to Meteorology (4)</td>
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### PHSC: Introduction to Astronomy (4)

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<tr>
<td>4195 PHSC117-ONL1</td>
<td>Introduction to Astronomy (4)</td>
<td>ONLINE</td>
<td>January 5-week</td>
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<tr>
<td>3478 PHSC117-ONL2</td>
<td>ONLINE 15-week</td>
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### PLAC: Prior Learning Assessment Course

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<tr>
<td>3269 PLAC101-ONL1</td>
<td>Prior Learning Assessment: Portfolio Development (1)</td>
<td>ONLINE</td>
<td>13-week</td>
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### POSC: Political Science

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<tbody>
<tr>
<td>3552 POSC104-ONL1</td>
<td>American Government (3)</td>
<td>ONLINE 15-week</td>
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### PSYC: Psychology

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<tr>
<td>3017 PSYC101-ONL1</td>
<td>General Psychology (3)</td>
<td>ONLINE January 3-week</td>
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### SOCY: Sociology

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<tr>
<td>3581 SOCY101-ONL2</td>
<td>Introduction to Sociology (3)</td>
<td>ONLINE 15-week</td>
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<td>3583 SOCY102-ONL1</td>
<td>Social Problems (3)</td>
<td>ONLINE 15-week</td>
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<td>3863 SOCY101-ONL3</td>
<td>ONLINE 13-week</td>
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<td>4048 SOCY101-ONL4</td>
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### SPAN: World Languages: Spanish

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<tr>
<td>3726 SPAN101-ONL1</td>
<td>Introductory Spanish I (3)</td>
<td>ONLINE 15-week</td>
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<tr>
<td>3727 SPAN102-ONL1</td>
<td>Introductory Spanish II (3)</td>
<td>ONLINE 15-week</td>
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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
## SPRING 2020

### HYBRID COURSES

#### ACCE: Academic and Career Engagement

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Day/Time</th>
<th>Type</th>
<th>Duration</th>
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<tbody>
<tr>
<td>ACCE130</td>
<td>Career Assessment and Planning (3)</td>
<td>TH 12:30pm - 1:45pm</td>
<td>HYB1</td>
<td>15-week</td>
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#### ACCT: Accounting

<table>
<thead>
<tr>
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<th>Course Name</th>
<th>Day/Time</th>
<th>Type</th>
<th>Duration</th>
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<tbody>
<tr>
<td>ACCT100</td>
<td>Business Accounting (3)</td>
<td>SAT 8:30am - 12:00pm</td>
<td>HYB1</td>
<td>1st 7 1/2-week</td>
</tr>
<tr>
<td>ACCT101</td>
<td>Principles of Accounting I (3)</td>
<td>T 6:00pm - 8:35pm</td>
<td>HYB1</td>
<td>1st 7 1/2-week</td>
</tr>
<tr>
<td>ACCT102</td>
<td>Principles of Accounting II (3)</td>
<td>T 6:00pm - 8:35pm</td>
<td>HYB1</td>
<td>2nd 7 1/2-week</td>
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<tr>
<td>ACCT111</td>
<td>Computerized Accounting (3)</td>
<td>SAT 9:00am - 12:00pm</td>
<td>HYB1</td>
<td>2nd 7 1/2-week</td>
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<tr>
<td>ACCT202</td>
<td>Intermediate Accounting II (4)</td>
<td>M 5:00pm - 7:05pm</td>
<td>HYB1</td>
<td>15-week</td>
</tr>
<tr>
<td>ACCT233</td>
<td>Applied Accounting (3)</td>
<td>T 5:00pm - 6:15pm</td>
<td>HYB1</td>
<td>15-week</td>
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#### ASLS: American Sign Language Studies

<table>
<thead>
<tr>
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<th>Day/Time</th>
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<th>Duration</th>
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<tr>
<td>ASLS124</td>
<td>Introduction to Deaf Community and History (3)</td>
<td>M 3:30pm - 4:45pm</td>
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<td>15-week</td>
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#### BIOT: Biotechnology

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<th>Day/Time</th>
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<th>Duration</th>
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</thead>
<tbody>
<tr>
<td>BIOT110</td>
<td>Biotechnology Measurements (4)</td>
<td>ONLINE</td>
<td>HYB1</td>
<td>15-week</td>
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### HYBRID COURSES

Complete course descriptions and pre/corequisites are located in the main course section.

All course sections are required 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 courses. 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.

Note: No/Low Cost Course Section: The textbook costs for this course are under $40.

Note: 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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Days</th>
<th>Time</th>
<th>Credits</th>
<th>Term</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLDT212</td>
<td>HVAC Installation &amp; Troubleshooting (3)</td>
<td>MW</td>
<td>6:00pm - 8:30pm</td>
<td>1st</td>
<td>7 1/2-week</td>
<td>Note: Class held at FCC's Monroe Center, Building Trades fee: $71.40</td>
</tr>
<tr>
<td>BLDT241</td>
<td>Residential Electric (3)</td>
<td>MW</td>
<td>6:00pm - 8:30pm</td>
<td>2nd</td>
<td>7 1/2-week</td>
<td>Note: Class held at FCC's Monroe Center, Building Trades fee: $71.40</td>
</tr>
<tr>
<td>BLDT242</td>
<td>Commercial Electric (3)</td>
<td>TH</td>
<td>6:00pm - 8:30pm</td>
<td>1st</td>
<td>7 1/2-week</td>
<td>Note: Class held at FCC's Monroe Center, Building Trades fee: $71.40</td>
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<td>BSCI201</td>
<td>Anatomy and Physiology I (4)</td>
<td></td>
<td></td>
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<td>15-week</td>
<td>Note: Students must register for corresponding lecture (LC) and lab (LB).</td>
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<tr>
<td>BSCI202</td>
<td>Anatomy and Physiology II (4)</td>
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<td></td>
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<td>15-week</td>
<td>Note: Students must register for corresponding lecture (LC) and lab (LB).</td>
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<tr>
<td>CADT:</td>
<td>Computer Aided Design Technology</td>
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<tr>
<td>CADT101</td>
<td>AutoCAD I (3)</td>
<td>TH</td>
<td>5:00pm - 8:00pm</td>
<td>1st</td>
<td>7 1/2-week</td>
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<td>CADT102</td>
<td>AutoCAD II (3)</td>
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<td>CADT110</td>
<td>Introduction to SolidWorks (3)</td>
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<td>CADT130</td>
<td>Revit (BIM) (3)</td>
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<td>CADT150</td>
<td>Architectural Drawing and Design (3)</td>
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<td>1st 7 1/2-week</td>
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<tr>
<td>CHIN:</td>
<td>World Languages: Chinese</td>
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<tr>
<td>CHIN101</td>
<td>Introductory Chinese I (4)</td>
<td>F</td>
<td>9:30am - 11:15am</td>
<td>15-week</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>CMIS:</td>
<td>Computer and Information Sciences</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>CMIS101</td>
<td>Information Systems and Technology (3)</td>
<td></td>
<td></td>
<td></td>
<td>13-week</td>
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</tr>
</tbody>
</table>

**BMGT: Business Studies**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Days</th>
<th>Time</th>
<th>Credits</th>
<th>Term</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMGT103</td>
<td>Introduction to Business (3)</td>
<td></td>
<td></td>
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<tr>
<td>BMGT109</td>
<td>Entrepreneurship and Small Business Enterprise (3)</td>
<td>TH</td>
<td>11:00am - 12:15pm</td>
<td>15-week</td>
<td></td>
<td>Note: No/Low Cost Course Section. The textbook costs for this course are under $40.</td>
</tr>
<tr>
<td>BMGT120</td>
<td>Business Communications (3)</td>
<td></td>
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<td>Note: No/Low Cost Course Section. The textbook costs for this course are under $40.</td>
</tr>
<tr>
<td>BMGT211</td>
<td>Business Law (3)</td>
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<td>Note: No/Low Cost Course Section. The textbook costs for this course are under $40.</td>
</tr>
<tr>
<td>BMGT225</td>
<td>Marketing (3)</td>
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<td>Note: No/Low Cost Course Section. The textbook costs for this course are under $40.</td>
</tr>
<tr>
<td>BMGT227</td>
<td>Principles of Management (3)</td>
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<td></td>
<td>Note: No/Low Cost Course Section. The textbook costs for this course are under $40.</td>
</tr>
<tr>
<td>BMGT290</td>
<td>Project Management (3)</td>
<td>TH</td>
<td>5:00pm - 8:00pm</td>
<td>2nd</td>
<td>7 1/2-week</td>
<td>Note: No/Low Cost Course Section. The textbook costs for this course are under $40.</td>
</tr>
<tr>
<td>BSCI:</td>
<td>Biological Science</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>BSCI100</td>
<td>Fundamental Concepts of Biology (4)</td>
<td></td>
<td></td>
<td></td>
<td>15-week</td>
<td>Note: Students must register for corresponding lecture (LC) and lab (LB).</td>
</tr>
</tbody>
</table>

68 Frederick Community College  •  Spring 2020 Credit Schedule  •  frederick.edu  •  301.846.2400
<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Days</th>
<th>Times</th>
<th>Duration</th>
<th>Type</th>
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</thead>
<tbody>
<tr>
<td>3401</td>
<td>CMIS179 - Cybersecurity Fundamentals (3)</td>
<td>M</td>
<td>2:00pm - 4:30pm</td>
<td>13-week</td>
<td>$</td>
</tr>
<tr>
<td>3398</td>
<td>CMIS178 - 3D Modeling and Animation (3)</td>
<td>T</td>
<td>7:00pm - 9:00pm</td>
<td>13-week</td>
<td>$</td>
</tr>
<tr>
<td>3399</td>
<td>CMIS177 - Interactive 3D Technology (3)</td>
<td>T</td>
<td>7:00pm - 9:00pm</td>
<td>13-week</td>
<td>$</td>
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<tr>
<td>3904</td>
<td>CMIS170 - PC Repair &amp; Diagnostics (3)</td>
<td>M</td>
<td>3:00pm - 5:00pm</td>
<td>13-week</td>
<td>$</td>
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<tr>
<td>3405</td>
<td>CMIS168 - Game Theory and Design (3)</td>
<td>T</td>
<td>7:00pm - 9:00pm</td>
<td>13-week</td>
<td>$</td>
</tr>
<tr>
<td>3908</td>
<td>CMIS167 - Game Creation (3)</td>
<td>T</td>
<td>7:00pm - 9:00pm</td>
<td>13-week</td>
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<tr>
<td>3909</td>
<td>CMIS166 - Cloud System Administration (3)</td>
<td>M</td>
<td>7:00pm - 9:00pm</td>
<td>13-week</td>
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<tr>
<td>3402</td>
<td>CMIS165 - Networking Fundamentals (3)</td>
<td>W</td>
<td>8:00am - 10:00am</td>
<td>13-week</td>
<td>$</td>
</tr>
<tr>
<td>3403</td>
<td>CMIS164 - Security Fundamentals (3)</td>
<td>T</td>
<td>8:00am - 10:00am</td>
<td>13-week</td>
<td>$</td>
</tr>
<tr>
<td>3400</td>
<td>CMIS163 - Computer Science I (4)</td>
<td>M</td>
<td>7:00pm - 9:00pm</td>
<td>13-week</td>
<td>$</td>
</tr>
<tr>
<td>3409</td>
<td>CMIS162 - Computer Science II (4)</td>
<td>W</td>
<td>7:00pm - 9:00pm</td>
<td>13-week</td>
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<tr>
<td>3408</td>
<td>CMIS161 - Computer Science III (4)</td>
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<td>7:00pm - 9:00pm</td>
<td>13-week</td>
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<tr>
<td>3907</td>
<td>CMIS160 - Systems Analysis &amp; Design (3)</td>
<td>T</td>
<td>7:00pm - 9:00pm</td>
<td>13-week</td>
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<tr>
<td>3407</td>
<td>CMIS159 - Cybercrime and Digital Forensics (3)</td>
<td>W</td>
<td>8:00am - 10:00am</td>
<td>13-week</td>
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<tr>
<td>3406</td>
<td>CMIS158 - Ethical Hacking (3)</td>
<td>T</td>
<td>8:00am - 10:00am</td>
<td>13-week</td>
<td>$</td>
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<tr>
<td>3405</td>
<td>CMIS157 - Digital Forensics (3)</td>
<td>T</td>
<td>8:00am - 10:00am</td>
<td>13-week</td>
<td>$</td>
</tr>
<tr>
<td>3904</td>
<td>CMIS156 - Networking Fundamentals (3)</td>
<td>W</td>
<td>8:00am - 10:00am</td>
<td>13-week</td>
<td>$</td>
</tr>
<tr>
<td>3903</td>
<td>CMIS155 - Security Fundamentals (3)</td>
<td>T</td>
<td>8:00am - 10:00am</td>
<td>13-week</td>
<td>$</td>
</tr>
</tbody>
</table>

Note: 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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Days</th>
<th>Times</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMIS290</td>
<td>Cisco 1 Network Fundamentals (3)</td>
<td></td>
<td>5:00pm - 7:30pm</td>
<td>1st 7 1/2-week</td>
</tr>
<tr>
<td>CMIS291</td>
<td>Cisco 2 Routing Technologies (3)</td>
<td></td>
<td>5:00pm - 7:30pm</td>
<td>2nd 7 1/2-week</td>
</tr>
<tr>
<td>CMIS295</td>
<td>Cloud Security (3)</td>
<td></td>
<td></td>
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<tr>
<td>COMM105</td>
<td>Small Group Communication (3)</td>
<td></td>
<td>7:30pm - 10:00pm</td>
<td>2nd 7 1/2-week</td>
</tr>
<tr>
<td>ECON201</td>
<td>Principles of Macroeconomics (3)</td>
<td></td>
<td>12:30pm - 1:45pm</td>
<td>15-week</td>
</tr>
<tr>
<td>ECON202</td>
<td>Principles of Microeconomics (3)</td>
<td></td>
<td>5:00pm - 8:00pm</td>
<td>2nd 7 1/2-week</td>
</tr>
<tr>
<td>EDPS210</td>
<td>Human Growth and Development (3)</td>
<td></td>
<td>6:00pm - 7:15pm</td>
<td>2nd 7 1/2 weeks</td>
</tr>
<tr>
<td>EMGT221</td>
<td>Public Safety Leadership and Ethics (3)</td>
<td></td>
<td>5:00pm - 7:30pm</td>
<td>15-week</td>
</tr>
<tr>
<td>EMGT297</td>
<td>Emergency Management Capstone (3)</td>
<td></td>
<td>5:00pm - 7:30pm</td>
<td>15-week</td>
</tr>
<tr>
<td>ENGL101</td>
<td>English Composition (3)</td>
<td></td>
<td>6:00pm - 8:30pm</td>
<td>15-week</td>
</tr>
<tr>
<td>ENGL102</td>
<td>English Composition and Literature (3)</td>
<td></td>
<td>11:00am - 12:15pm</td>
<td>15-week</td>
</tr>
</tbody>
</table>

**HCTI: Hospitality Culinary Tourism Institute**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Days</th>
<th>Times</th>
<th>Term</th>
</tr>
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<tbody>
<tr>
<td>HCTI101</td>
<td>Sanitation and Food Safety (1)</td>
<td></td>
<td></td>
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<tr>
<td>HCTI120</td>
<td>Purchasing &amp; Cost Control (3)</td>
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<tr>
<td>HCTI150</td>
<td>Introduction to Hospitality Management (3)</td>
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<tr>
<td>HCTI155</td>
<td>Event Management (3)</td>
<td></td>
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<tr>
<td>HCTI160</td>
<td>Hospitality Operations (3)</td>
<td></td>
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<tr>
<td>HUMN107</td>
<td>Cultural Studies: Asia (3)</td>
<td></td>
<td>12:30pm - 1:45pm</td>
<td>15-week</td>
</tr>
<tr>
<td>HUMS102</td>
<td>Human Relations (3)</td>
<td></td>
<td></td>
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<tr>
<td>HUMS103</td>
<td>Introduction to Social Work and the Human Services (4)</td>
<td></td>
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<tr>
<td>HUMS204</td>
<td>Ethics and Practice Issues in the Human Services and Addiction Counseling (3)</td>
<td></td>
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<tr>
<td>LGST100</td>
<td>Introduction to Law (3)</td>
<td></td>
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<tr>
<td>LGST104</td>
<td>Contracts (3)</td>
<td></td>
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<tr>
<td>LGST200</td>
<td>Legal Research (3)</td>
<td></td>
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<tr>
<td>LGST220</td>
<td>Civil Litigation (3)</td>
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<tr>
<td>LGST240</td>
<td>Family Law (3)</td>
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### MATH: Mathematics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Section Code</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
<th>Week(s)</th>
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<tbody>
<tr>
<td>MATH101A</td>
<td>Foundations of Mathematics (3)</td>
<td>3846</td>
<td>MW</td>
<td>8:00am-9:15am</td>
<td>15-w</td>
<td></td>
</tr>
<tr>
<td>MATH120A</td>
<td>Statistics (3)</td>
<td>3848</td>
<td>MW</td>
<td>8:00am-9:15am</td>
<td>15-w</td>
<td></td>
</tr>
<tr>
<td>MATH125</td>
<td>Business Statistics (3)</td>
<td>3986</td>
<td>M</td>
<td>6:00pm-8:30pm</td>
<td></td>
<td>2nd 7 1/2-w</td>
</tr>
<tr>
<td>MATH185</td>
<td>Calculus I (4)</td>
<td>3335</td>
<td>TTH</td>
<td>11:00am-12:20pm</td>
<td></td>
<td>15-w</td>
</tr>
<tr>
<td>MATH195</td>
<td>Calculus II (4)</td>
<td>3339</td>
<td>TTH</td>
<td>11:00am-12:20pm</td>
<td></td>
<td>15-w</td>
</tr>
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</table>

#### 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.
- 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 Course Section: The textbook costs for this course are under $40.

### MEDA: Medical Assisting

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Section Code</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
<th>Week(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEDA109</td>
<td>Medical Terminology (3)</td>
<td>3437</td>
<td>TH</td>
<td>9:30am-10:45am</td>
<td></td>
<td>15-w</td>
</tr>
<tr>
<td>MEDA112</td>
<td>Medical/Administrative Office Applications (3)</td>
<td>4106</td>
<td>W</td>
<td>6:30pm-8:30pm</td>
<td></td>
<td>1st 7 1/2-w</td>
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<tr>
<td>MEDA209</td>
<td>Pharmacology for Medical Office Practice (3)</td>
<td>3888</td>
<td>TH</td>
<td>11:00am-1:45pm</td>
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<td>2nd 7 1/2-w</td>
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### NURS: Nursing

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Section Code</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
<th>Week(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS50</td>
<td>Preparation for Nursing (0) [1]</td>
<td>3006</td>
<td>M</td>
<td>5:00pm-9:00pm</td>
<td></td>
<td>January 3-w</td>
</tr>
</tbody>
</table>

#### Note:
- Student must be accepted into the nursing clinical component for January 2020.

### PHSC: Physical Science

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Section Code</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
<th>Week(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHSC101</td>
<td>Survey of Physical Science (3)</td>
<td>4053</td>
<td>W</td>
<td>6:00pm-7:15pm</td>
<td></td>
<td>1st 7 1/2-w</td>
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### PSYC: Psychology

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Section Code</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
<th>Week(s)</th>
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<tbody>
<tr>
<td>PSYC101</td>
<td>General Psychology (3)</td>
<td>4075</td>
<td>TH</td>
<td>9:30am-10:50am</td>
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<td>1st 7 1/2-w</td>
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### SOCY: Sociology

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Section Code</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
<th>Week(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCY101</td>
<td>Introduction to Sociology (3)</td>
<td>3580</td>
<td>TH</td>
<td>9:30am-10:50am</td>
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<td>2nd 7 1/2-w</td>
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</tbody>
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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.

#### 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.

For information on outgoing transcript services visit [https://www.frederick.edu/current-students/transcript-services.aspx](https://www.frederick.edu/current-students/transcript-services.aspx)
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–Catoctin Hall
D–Athletics Center
E–Conference Center
F–Visual & Performing Arts Center
G–Gambrill Hall
H–Student Center
J–Jefferson Hall
L–Linganore Hall
M–Carl & Norma Miller Children’s Center
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 Quick Facts FY 2019

Popular New Programs

- Addictions Counseling A.A.S. Degree
- American Sign Language Interpreter Preparation A.A. Degree
- Cloud Computing Certificate
- Mass Communication Area of Concentration: Arts & Humanities A.A. Degree
- Social Media Management Certificate

Student Profile

- 8,636 Credit Students Served
- 1,024 Graduates in the 2018-2019 Academic Year
- 29% of Students Receive Financial Aid
- 57% Female
- 43% Male
- 25% First-Generation College Students (Self-Report)
- 30% Full-time Students
- 70% Part-time Students

Top 5 Program Enrollments

1. General Studies
2. Healthcare
3. Business Administration
4. STEM
5. Cybersecurity