Hours of Operation

Jefferson Hall (J Building)

1ST FLOOR Enrollment Center - Welcome Desk, Student Accounts/Cashiers, Continuing Education Registration, Credit Registration, and Records

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

3RD FLOOR Financial Services Center - Billing, Collections, and Financial Aid

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

Monday ................................. 8:30 a.m. - 6:00 p.m.
Tuesday–Thursday* ...................... 8:30 a.m. - 4:30 p.m.
Friday ........................................ 10:00 a.m. - 4:30 p.m.

* Extended Thursday hours in July, August, and January 4:30 p.m. - 6:00 p.m.

Student Center (H Building, 1st floor)

Multicultural Student Services
Monday–Friday ................................ 8:30 a.m. - 4:30 p.m.

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

The Testing Center (L Building, 1st floor)

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

Contents

Academic Sessions .............................. 1
Tuition & Fees .................................... 2
How to Apply & Register ......................... 3
Financial Aid ...................................... 10
Bookstore ......................................... 10
Phone Directory ................................... 11
Program Contact List ............................. 12
General Education Courses ..................... 13
Fall Credit Offerings ............................. 15
Fall Online Courses ............................. 61
Fall Hybrid Courses ............................. 67
### ACADEMIC SESSIONS

#### Important Deadlines

<table>
<thead>
<tr>
<th>Last day to apply for:</th>
<th>August 2019 graduation</th>
<th>August 15, 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>First day to enroll</td>
<td>April 22, 2019</td>
<td></td>
</tr>
<tr>
<td>Summer 2019 &quot;F&quot; grades to &quot;F&quot;</td>
<td>September 10, 2019</td>
<td></td>
</tr>
</tbody>
</table>

#### 1st 5-week

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

#### 13-week

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

#### 2nd 7.5-week

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

#### 3rd 5-week

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

#### 1st 7.5-week

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

#### 2nd 10-week

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

#### 2nd 5-week

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

### Winter Break

- **Enrollment Services not available**
  - December 20 - January 1
- **College Holiday**
  - November 28 - December 1
- **No credit classes, offices open until 4:30 p.m.**

### Important Dates

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer Registration Open</td>
<td>Mon., April 22</td>
</tr>
<tr>
<td>Labor Day – Enrollment Services not available</td>
<td>Mon., September 2</td>
</tr>
<tr>
<td>No credit classes, offices open until 4:30 p.m.</td>
<td>Wed., November 27</td>
</tr>
<tr>
<td>College Holiday begins</td>
<td></td>
</tr>
<tr>
<td>Winter Break – Enrollment Services not available</td>
<td>Dec. 20 - Jan. 1</td>
</tr>
</tbody>
</table>

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

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

Fall 2019 Tuition & Fees Chart *

<table>
<thead>
<tr>
<th>Credits</th>
<th>In-County</th>
<th>Out-of-County</th>
<th>Out-of-State</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>$153.74</td>
<td>$301.74</td>
<td>$398.74</td>
</tr>
<tr>
<td>2</td>
<td>$307.48</td>
<td>$603.48</td>
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<tr>
<td>3</td>
<td>$461.22</td>
<td>$905.22</td>
<td>$1,196.22</td>
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<tr>
<td>4</td>
<td>$614.96</td>
<td>$1,206.96</td>
<td>$1,594.96</td>
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<tr>
<td>5</td>
<td>$768.70</td>
<td>$1,508.70</td>
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<tr>
<td>6</td>
<td>$922.44</td>
<td>$1,810.44</td>
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<td>7</td>
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<td>$2,112.18</td>
<td>$2,791.18</td>
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<tr>
<td>8</td>
<td>$1,229.92</td>
<td>$2,413.92</td>
<td>$3,189.92</td>
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<tr>
<td>9</td>
<td>$1,383.66</td>
<td>$2,715.66</td>
<td>$3,588.66</td>
</tr>
<tr>
<td>10</td>
<td>$1,537.40</td>
<td>$3,017.40</td>
<td>$3,987.40</td>
</tr>
<tr>
<td>11</td>
<td>$1,687.80</td>
<td>$3,315.80</td>
<td>$4,382.80</td>
</tr>
<tr>
<td>12</td>
<td>$1,838.20</td>
<td>$3,614.20</td>
<td>$4,778.20</td>
</tr>
<tr>
<td>13</td>
<td>$1,988.60</td>
<td>$3,912.60</td>
<td>$5,173.60</td>
</tr>
<tr>
<td>14</td>
<td>$2,139.00</td>
<td>$4,211.00</td>
<td>$5,569.00</td>
</tr>
<tr>
<td>15</td>
<td>$2,289.40</td>
<td>$4,509.40</td>
<td>$5,964.40</td>
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<tr>
<td>16</td>
<td>$2,439.80</td>
<td>$4,807.80</td>
<td>$6,359.80</td>
</tr>
</tbody>
</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 (ASLS 250) ............. $120
Applied Music Fee (per class) ................................. $490

Building Trades
HVAC and Electrical (per class) ......................... $71.40
Welding (per class) ............................................. $100

Culinary Arts (per class) .................................. $121
Please refer to the specific HCTI course. Some courses require a chef uniform and basic knife or pastry set.

Expedited Transcripts Fee (see pg. 60 for details)

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

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

Physical Education Fees

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

Surgical Technology Fees

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

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

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

Fall payment due dates:

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

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

How to avoid the Drop Zone

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

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

Automatic Payment Plan

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

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

Fall 2019 Target Dates To Enroll

<table>
<thead>
<tr>
<th>Last day to enroll</th>
<th>Required down payment</th>
<th>Number of payments</th>
<th>Months of payments</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 5</td>
<td>20%</td>
<td>3</td>
<td>July - Nov 5</td>
</tr>
<tr>
<td>July 5</td>
<td>25%</td>
<td>4</td>
<td>Aug - Nov 5</td>
</tr>
<tr>
<td>August 5</td>
<td>30%</td>
<td>3</td>
<td>Sept - Nov 5</td>
</tr>
<tr>
<td>September 5</td>
<td>30%</td>
<td>3</td>
<td>Oct - Dec 5</td>
</tr>
<tr>
<td>October 5</td>
<td>40%</td>
<td>2</td>
<td>Nov - Dec 5</td>
</tr>
<tr>
<td>November 5</td>
<td>50%</td>
<td>1</td>
<td>Dec 5 only</td>
</tr>
</tbody>
</table>

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

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

FCC partners with BankMobile to issue refunds electronically

Look for this BankMobile envelope to select your refund preference

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

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

We recommend students immediately log onto myRFCfunds.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 myRFC, Student eFunds provides options for refund delivery. Simply select the refund preference that is best for you. Your refund options include:
• ACH Transfer to another bank account (refunds available 2-3 business days)
• Easy Refund to the myRFC eFunds debit card (refunds available the same day FCC releases the funds to BankMobile)

For more information: www.refundelection.com
II. Definitions for the Purpose of this Policy

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

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

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

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

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

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

G. “Readmitted Students” refers to individuals who have attended FCC but not within the past two years.

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

III. Placement Testing Requirements

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

1. Individuals who are first-time college students who are seeking a degree or certificate whether they enroll full-time or part-time.

2. Individuals planning to take their first English or mathematics course.
IV. Placement Guidelines

A. Unless otherwise indicated, placement scores are determined using Accuplacer academic assessments.

B. Placement scores will be valid for two years after the date of taking the placement tests.

C. Minimum placements scores, also known as cut scores, have been determined for college-readiness in reading, writing, and mathematics.

D. Non-native English speakers and some world English speakers will take the Level of English Proficiency (LOEP) test to determine reading and writing placement scores.

E. Individuals with documented disabilities as verified by the Services for Students with Disabilities Office will receive reasonable accommodations while completing the required placement tests.

F. Unless outlined in the exceptions and exceptions, high school grades alone do not determine placement.

G. Individuals are permitted to retest only one time per assessment, no sooner than twenty-four (24) hours after the initial test.

H. Students who are continuously enrolled will not be permitted to retest once enrolled in their developmental course requirements.

I. Readmitted students must either retest or complete the developmental requirements as stipulated in the academic catalog.

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

V. Prerequisites

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

VI. Exceptions and Exemptions to Required Placement Testing

A. Individuals who transfer from accredited institutions of higher education who present unofficial transcripts indicating successful completion (2.00 GPA or higher) of the equivalent of at least twelve (12) college credits will be exempted from the reading placement test if six (6) credits are general education courses.

B. Individuals will be exempted from the reading and writing placement tests if they provide evidence of successfully completing:

1. The equivalent of FCC course EN 101 at an accredited U.S. institution or credit through DSST, or CLEP

2. The Advanced Placement (AP) test with a score of 3 or higher in English Language and Composition or English Literature and Composition. AP test scores are valid for five years.

3. The International Baccalaureate (IB) exams with a grade of four (4) or above in one or more of the following exams: Language A Literature SL or HL, and/or Language A: Language & Literature SL or HL. IB test scores are valid for five years.

4. English 10 or 11 PARCC score of Level 4 or 5. This score is valid for one year after an individual’s date of high school graduation.

5. The GED English Reasoning Through Language Arts test with a score of 165 or higher.

C. Individuals will be exempted from the math placement tests if they provide evidence of successfully completing:

1. A general education math course, at the level of college algebra or higher, at an accredited U.S. institution or credit through DSST or CLEP.

2. The Advanced Placement (AP) test with a score of 3 or higher in Calculus AB, Calculus BC, or Statistics. AP test scores are valid for five years.

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

1. Algebra II with an A or B during their junior or senior year are eligible to enroll in an appropriate college-level, credit-bearing math course.

2. Intermediate Transitional Algebra with an A or B and earn the designated score on an FCC-approved college-readiness exam are eligible to enroll in a college-level, non-STEM, credit-bearing math course.

3. Pre-Calculus or higher level math course with an A, B, or C are eligible to enroll in the equivalent college-level credit bearing course.

4. Designated transition math modules and earn the designated score on an FCC-approved college-readiness exam are eligible to enroll in a college-level, non-STEM, credit-bearing math course.

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

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

1. Individuals with an SAT Mathematics score of 530 or above are exempted from math placement testing.
2. Individuals with an ACT Mathematics score of 21 or above are exempted from math placement testing.

3. Individuals with an SAT Evidence-based Reading & Writing score of 480 or a Critical Reading score of 500 or above are exempted from reading and writing placement testing.

4. Individuals with an ACT reading score of 21 or greater average on the English Test & Reading Test scores are exempted from the reading and writing placement testing.

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

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

Readmit Students

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

Current Students

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

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

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

- General studies, undecided, and nursing (pre-clinical) students should meet with an advisor from the Counseling & Advising. During registration, Counseling & Advising offers same day walk-in advising service – no appointment necessary. Just stop by J-201 (Jefferson Hall).

- Students on academic alert or academic probation must meet with an advisor from Counseling & Advising, Multicultural Services, Adult Services, Veteran and Military Services, or Services for Students with Disabilities prior to registering for classes.

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

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

2) Register for Classes

On the web or in person

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

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

3) Review your schedule

- Check classroom locations
  (Some courses are held off site).

- Check course start and end dates
  (Some courses do not begin at the start of the semester).

- Check to see if you have registered for a linked class. If so, make sure you are registered for both components.

- Print your schedule to be sure you have completed the process correctly.

- If you registered for an online class, see page 60 for more information about online classes at FCC.

Students may not attend a class if they have not registered for that class and made payment arrangements.
Dual Enrollment of High School Aged Students

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

Frederick County Students

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

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

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

Visiting Students

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

1. First-time students and former students who have not attended FCC in two years: apply at frederick.edu. Your admission letter and ID number will be mailed to your permanent address. You must have this ID number to register online.

2. Obtain a permission to enroll form* from the Registrar’s Office at your home college, or a copy of your transcript that shows proof of having met FCC prerequisites.

3. You can then register in one of four ways:

   a. Send an email to registration@frederick.edu. Include your FCC ID number and PDF copies of your permission to enroll form* or transcript. Permission will be entered into the Student Information System to allow web registration.

   b. Register online using our PeopleSoft system if the required prerequisite has been evaluated by FCC and stored in the system.

   c. Register in person with your permission to enroll form* or your unofficial transcript showing you have met the prerequisite.

   d. Mail your permission to enroll form* to Registration and Records, Frederick Community College, 7932 Opossumtown Pike, Frederick MD 21702. Include an email address where you can be contacted. Permission will be entered into the Student Information System to allow web registration.

For more information, visit frederick.edu/enroll-now/visiting-students
Students may not attend a class if they have not registered for that class and made payment arrangements.

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

Student Services Available Online

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

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

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

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

To find courses needed in your Degree Plan:

From Student Center, under Academics, click on My Academics

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

To enroll in courses from your Degree Plan:

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

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

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

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

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

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

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

Residency Policy and Procedures

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

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

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

II. Definitions for the Purpose of this Policy and Procedures
A. “Domicile” refers to the permanent place of abode, where physical presence and possessions are maintained with the intention of remaining indefinitely; or the permanent place of abode of any person or persons contributing more than ½ of the student’s financial support during the most recently completed year. Only one domicile may be maintained by a student.

B. “Maryland resident” refers to an individual who has maintained a domicile in Maryland for at least three (3) months before becoming an enrolled student.

C. “Enrolled student” refers to an individual who is registered at the College, either full or part-time, in a credit or continuing education class or classes, who has either paid or made arrangement for payment of tuition and/or fees, and whose participation in a class has been verified.

D. In-County:

1. “Non-dependent Maryland resident students” refers to in-county residents if, at the time of their application, they are domiciled in Frederick County for three (3) consecutive months prior to application.

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

E. Out-of-County:

1. “Non-dependent Maryland resident students” refers to out-of-county residents in the State of Maryland if, at the time of their application, they are domiciled in another county in the State of Maryland, or if they have lived in Frederick County less than three months.

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

F. Out-of-State:

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

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

III. Military Personnel, Veterans, and their Dependents

A. Military Personnel and their Dependents

1. Who are stationed, living, or domiciled in Maryland, and their spouses and dependents, who are entering the College for the first time, are considered residents of Frederick County. If the armed services member moves out of the state, the dependents and spouse may maintain in-county residence as long as they stay continuously enrolled in courses at the College.

2. Who have relocated to Maryland as a result of the Base Realignment and Closure process (BRAC), will be granted a waiver of the three (3) months residency requirement. The employee or his/her dependent must present a letter from an employer on company letterhead, confirming that their relocation to Maryland and/or Frederick County was a result of the BRAC process. For purposes of tuition rates, eligible employees and dependents will be treated as in-county residents if they locate in Frederick County; they will be treated as out-of-county but in-state residents if they locate outside of Frederick County but within Maryland.

B. Veterans and their Dependents

1. Veterans and their dependents using the Post-9/11 G.I. Bill, Montgomery G.I. Bill, Vocational Rehabilitation and Employment (VR&E), or the Marine Gunnery Sergeant John David Fry Scholarship shall be charged a rate of tuition not to exceed the in-state rate for tuition and fees purposes.

   a. A Veteran using educational assistance under either Chapter 30 (Montgomery G.I. Bill – Active Duty Program) or Chapter 33 (Post-9/11 G.I. Bill), of title 38, United States Code, and enrolls in the College within three years of discharge or release from a period of active duty service of 90 days or more will be granted in-county tuition (regardless of his/her formal State of residence).
b. A Veteran using educational assistance under Chapter 31, Vocational Rehabilitation and Employment (VR&E), and enrolls in the College within three years of discharge or release from a period of active duty service of 90 days or more will be granted in-county tuition (regardless of his/her formal State of residence) effective for courses, semesters, or terms beginning after March 1, 2019.

c. A dependent using transferred Post-9/11 G.I. Bill benefits (38 U.S.C. § 3319) and enrolls in the College within three of the transferor’s discharge or release from a period of active duty service of 90 days or more will be granted in-county tuition (regardless of his/her formal State of residence).

d. Anyone described above while he or she remains continuously enrolled (other than during regularly scheduled breaks between courses, semesters, or terms) at the College. The person so described must have enrolled in the College prior to the expiration of the three year period following discharge or release as described above and must be using educational benefits under Chapter 30, Chapter 31, or Chapter 33, of title 38, United States Code.

e. A dependent using benefits under the Marine Gunnery Sergeant John David Fry Scholarship (38 U.S.C. § 3311 (b)(9)) will be granted in-county tuition (regardless of his/her formal State of residence).

f. A dependent using transferred Post-9/11 G.I. Bill benefits (38 U.S.C. § 3319) while the transferor is a member of the uniformed service who is serving on active duty will be granted in-county tuition (regardless of his/her formal State of residence).

2. Veterans and their dependents (not using Chapter 30, Chapter 31, or Chapter 33 benefits or the Marine Gunnery Sergeant John David Fry Scholarship) who are stationed, living, or domiciled in Maryland who are entering the College for the first time, are considered residents of Frederick County. If the veteran moves out of the state, the dependents and spouse may maintain in-county residence as long as they stay continuously enrolled in courses at the College.

IV. International and Foreign National Students

A. A foreign national lawfully eligible for study in the United States may be considered a resident for tuition purposes if he/she meets the domicile requirements stated in this procedure. A foreign national lawfully admitted to the United States on a visa type with a corresponding “date-certain” authorized stay may not be considered a resident for tuition purposes. A foreign national lawfully eligible for study in the United States on certain visa types with an indeterminate authorized stay may be considered as a Maryland resident for tuition purposes, if the domicile requirements of this procedure have been satisfied.

B. The following visa status (chart to the right) types determine residency as indicated:

<table>
<thead>
<tr>
<th>Visa</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H1 and H4</th>
<th>I</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th>M</th>
<th>R</th>
<th>TN</th>
<th>V</th>
<th>Permanent Resident; Green Card; Refugee, Asylee</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A Diplomats, family, staff</td>
<td>Temporary visitor</td>
<td>Aliens in transit</td>
<td>Treaty trader-Taiwan only</td>
<td>Student and dependents</td>
<td>Representative of a world organization</td>
<td>Temporary worker and dependents</td>
<td>Fiancé of U.S. citizen/Frederick County resident</td>
<td>In-County</td>
<td>In-County</td>
<td>Out-of-State</td>
<td>In-County</td>
<td>In-State</td>
<td>Out-of-State</td>
<td>In-County</td>
<td>In-County</td>
<td></td>
</tr>
</tbody>
</table>

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)
VII. Reclassification of Residency

A. Students requesting reduced tuition rate based on a change in residency must submit proof of actual address change as defined in Section VI to Registration & Records and complete the “Change of Address” form available either online at frederick.edu or in the Admissions in Jefferson Hall. The proof of residency and “Change of Address” form must be submitted in one of the following ways:

1. in-person to Registration & Records in Jefferson Hall,
2. online through personal “myfcc” email account to registration@frederick.edu,
3. by fax (301.624.2799), or
4. via U.S. postal mail.

B. Request for change in residency classification must be submitted prior to the “last day to add” for the first session for which the student is enrolled in order to be changed for that session. Residency is not retroactive. A student who changes his/her residency during a semester and provides proof after the “last day to add” will have their residency adjusted for the following semester.

C. In order to comply with USPS regulations regarding bulk and pre-sort mailings, the College verifies current addresses of students with the National Change of Address (NCOA) listing every 90 days. If there has been a change of address that affects residency, the student will be notified by email and tuition will be adjusted for the following semester as follows:

1. A student moving to a higher tuition rate based on their residency will have their residency automatically changed to reflect their new residency status.
2. A student moving to a lower tuition rate based on their residency will bear the burden of proof of the new residency status.

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

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

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

Veterans Educational Benefits

FCC is approved by the Maryland Higher Education Commission to train eligible veterans, dependents, and active duty personnel. If you are not sure what type of VA benefits you qualify for, you may contact the VA Regional Office’s toll-free number 1.888.442.4531 or visit the VA website at gibill.va.gov. To learn more about the FCC services available to veterans and their families, please visit frederick.edu/veterans. This website includes links for more comprehensive information.

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

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

Student Refunds

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

Senior Citizen Tuition Benefit Policy

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

Students with Disabilities

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

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

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

In order to receive this waiver of tuition:

1. An individual must provide the College with certification of their total and permanent disability from the Social Security Administration, the Railroad Retirement Board, or in the case of a former federal employee, the Office of Personnel Management.

2. Individuals enrolled in a degree or certificate program must apply for any state or federal student financial aid. Payment for all course fees will be required in order to have classes held. Please refer to the payment chart listed within the Financial Aid section.

a. Any student financial aid, other than a student loan, received by the student shall be applied first to pay the individual’s tuition.

b. The waiver shall apply to the difference, if any, between the charge for tuition and the financial aid award, not including a student loan that the individual receives.
FINANCIAL AID

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

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

**Application Process**

1. Complete the 2019–2020 Free Application for Federal Student Aid (FAFSA) online at fafsa.gov and list the school code in step 6 (002071). Deadline to apply is June 30, 2020.

2. Upon receipt of your FAFSA data, Financial Aid will contact you regarding eligibility and/or to request additional documentation. Students who are selected for verification will be required to submit additional documentation such as IRS Tax Transcript. Students should check their “To Do” list in PeopleSoft for a list of required documents.

3. Students who wish to pursue their student loan eligibility are required to complete additional steps. The loan application process is outlined at frederick.edu. If you apply after the deadline and your file has not yet been processed, it is your responsibility to make payment arrangements.

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

**Recommended deadlines for the Fall 2019 semester:**

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

<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>4/22-7/26, 4:00 p.m.</td>
<td>6/15</td>
<td>7/26, 4:30 p.m.</td>
</tr>
<tr>
<td>4/26-8/9, 4:00 p.m.</td>
<td>7/1</td>
<td>8/9, 4:30 p.m.</td>
</tr>
<tr>
<td>8/9-8/23, 4:00 p.m.</td>
<td>Must pay in full or enroll in payment plan</td>
<td>8/23, 4:30 p.m.</td>
</tr>
<tr>
<td>After 8/23</td>
<td>Must pay in full or enroll in payment plan</td>
<td>If enrolled after 8/24 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. If you sign up for the pending financial aid payment plan, you are responsible for charges not covered by financial aid.

**Scholarships**

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

- April 1 - June 30 for Fall 2019

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

**Services for Students with Disabilities**

The College provides support services to maximize independence and encourage the integration of students with disabilities into all areas of college life. The particular needs of each student are considered on an individual basis. Students with disabilities are encouraged to contact the Services for Students with Disabilities Office as early as possible after applying for admission. Reasonable accommodations, based on documentation, are then offered to qualified students for courses and placement testing. Students in need of sign language interpreting services should contact the Coordinator for Deaf and Hard of Hearing Services (301.846.2476 (Voice), 240.575.1803 (VP) or via email at interpreting@frederick.edu)

**BOOKSTORE**

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

**Bookstore Calendar**

- August 5 ............ Financial Aid and textbook rentals available for fall semester
- August 24 (Saturday) ............ 10:00 a.m. - 2:00 p.m.
- November 5 ............ Bookstore closed
- November 27 – 29 ............ Bookstore closed
- December 10, 11 & 12 ............ Textbook buyback from 9:00 a.m. - 6:00 p.m.
- December 16 & 17 ............ Textbook buyback from 9:00 a.m. - 6:00 p.m.
- December 20 – January 1 ............ Bookstore closed

**Buying/Renting Books**

Visit bookstore.frederick.edu to see what books and materials are needed for your courses. You may order books to be shipped to your address, or to be held for pick-up at the FCC Bookstore, which is located on the first floor of the Student Center.
Some course books are available to rent from the FCC Bookstore. All book rentals must be secured with a credit card, and may be paid for with cash, check, or credit card. Students must be 18 or older to rent books and must provide a valid Student ID. Students younger than 18 must have a parent sign for the rental.

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

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

**Family Educational Rights & Privacy Act of 1974 (FERPA)**

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

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

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

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

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

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

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

Construction & Building Trades (The Monroe Center)
Office Manager (Monroe, Main Lobby):
Cheryl Concannon ............................................. 240.629.7903
Program Manager: Chuck LoSchiavo ....................... 240.629.7902

Emergency Management
Program Manager (E-102): Sam Lombardo .................... 240.629.7952

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

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

Hospitality, Culinary and Tourism Institute (HCTI)
(The Monroe Center)
Institute Manager: Elizabeth DeRose ..................... 301.846.2404
Administrative Associate: Shela Stewart ................. 240.629.7912

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

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

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

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

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

Public Safety
Fire Service Administration,
Police Sciences: Robin Shusko .............................. 301.846.2673
GENERAL EDUCATION COURSES
Fall 2019 Offerings

1. Arts & Humanities

Arts

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

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

Theatre
THEA 101 - Introduction to Theatre (3)

Communications

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

Humanities

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

2. English

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

3. Interdisciplinary & Emerging Issues

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

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

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

Effective Summer 2019, most credit courses have been renumbered. The former course numbers are listed in the course descriptions when applicable. A reference document of the old and new course numbers can also be found on the web at https://www.frederick.edu/class-schedules.aspx?cid=schedules-top-link.
# Mathematics
- MATH 101 / MATH 101A - Foundations of Mathematics (3)
- MATH 110 - Fundamental Concepts of Mathematics I (4)
- MATH 120 / MATH 120A - Statistics (3)
- MATH 125 - Business Statistics (3)
- MATH 127 - Statistics with Probability (4)
- MATH 145 / MATH 145S - College Algebra (3)
- MATH 165 - Precalculus (4)
- MATH 175 - Applied Calculus (3)
- MATH 185 - Calculus I (4)
- MATH 195 - Calculus II (4)

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

# Social & Behavioral Sciences
- Anthropology
  - ANTH 101 - Introduction to Anthropology (3)
- Economics
  - ECON 201 - Principles of Macroeconomics (3)
  - ECON 201H - Principles of Macroeconomics (3)
  - ECON 202 - Principles of Microeconomics (3)

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

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

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

## Human Services
  + HUMS 102 - Human Relations (3)

## Political Science
- POSC 104 - American Government (3)

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

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

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### Course satisfies Cultural Competence Requirement
- ENGL 102 can be taken to satisfy either the General Education requirement in Communications or in Humanities, but not both
  + ENGL 241 can be taken to satisfy either the General Education requirement in Communications or in Humanities, but not both.

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

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

ACCE 107 - Choosing a Major or Career (1)
Prerequisite or Co-requisite: ENGL 70 or ENGL 75 OR (ESOL 70 and ESOL 71) OR (ESOL 72 and ESOL 73) (formerly ACE 110A)
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.

ACCE 110H - Academic Engagement Seminar (3)
Gen Ed Emerging Issues; Cultural Competence
Prerequisite or Co-requisite: ENGL 70 or ENGL 75 OR (ESOL 70 and ESOL 71) OR (ESOL 72 and ESOL 73) (formerly ACE 110)
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.

ACSE 130 - Career Assessment and Planning (3)
Prerequisite or Co-requisite: ENGL 70 or ENGL 75 OR (ESOL 70 and ESOL 71) OR (ESOL 72 and ESOL 73) (formerly ACE 110)
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.

ACCT: Accounting

ACCT 100 - Business Accounting (3)
Prerequisite: ENGL 70 or ENGL 75
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.

ACCT 101 - Principles of Accounting I (3)
Prerequisites: ENGL 70 OR (ESOL 70 and ESOL 71)
Introduces the principles and procedures related to accounting theory and practice. The analysis of transactions under generally accepted accounting principles (GAAP) and their relationship to the financial statements are covered from a user's perspective.
ANTH: Anthropology

ANTH 101 - Introduction to Anthropology (3)
Gen Ed Anthropology, Cultural Competence
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) (formerly AN 101)

ANTH 103 - Introduction to Archeology (3)
Cultural Competence
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) (formerly AN 103)

ARTT: Art

ARTT 100 - Introduction to the Creative Arts (3)
Gen Ed Arts
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) (formerly AR 100)

ARTT 101 - Foundations of Studio Art I (3)
Gen Ed Arts
Prerequisite: ENGL 70 OR Prerequisites or Co-requisites: ENGL 75 or (ESOL 72 and ESOL 73) (formerly AR 101)

ARTT 103 - The History of Art: Non-Western (3)
Gen Ed Arts, Cultural Competence
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) (formerly AR 103)

ARTT 104 - The History of Art: Prehistoric to Early Renaissance (3)
Gen Ed Arts, Cultural Competence
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) (formerly AR 104)
### ARTT 105 - The History of Art: Renaissance to Modern (3)
**Gen Ed Arts, Cultural Competence**
**Prerequisites:** ENGL 70 OR Prerequisites or Co-requisites: 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Type</th>
<th>Days</th>
<th>Time</th>
<th>Duration</th>
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</thead>
<tbody>
<tr>
<td>ARTT105-1</td>
<td>TTH</td>
<td>9:30am - 10:45am</td>
<td>15-week</td>
<td></td>
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<tr>
<td>2040 ARTT105-2</td>
<td>TTH</td>
<td>12:30pm - 1:45pm</td>
<td>15-week</td>
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</table>

### ARTT 106 - Drawing I (3)
**Gen Ed Arts**
**Prerequisite:** ENGL 70 OR Prerequisites or Co-requisites: ENGL 75 or (ESOL 72 and ESOL 73)
(formerly AR 106)
Introduces the development of observational skills and rendering techniques through the use of still life and other subject matter. Develops an understanding of the elements of composition and artists 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Type</th>
<th>Days</th>
<th>Time</th>
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<tbody>
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<tr>
<td>1080 ARTT106-2</td>
<td>MW</td>
<td>9:30am - 11:30am</td>
<td>15-week</td>
<td></td>
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<tr>
<td>1081 ARTT106-3</td>
<td>M</td>
<td>12:30pm - 4:30pm</td>
<td>15-week</td>
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</tr>
<tr>
<td>1082 ARTT106-4</td>
<td>MW</td>
<td>3:15pm - 5:15pm</td>
<td>15-week</td>
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<tr>
<td>1083 ARTT106-5</td>
<td>TTH</td>
<td>10:00am - 12:00pm</td>
<td>15-week</td>
<td></td>
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<tr>
<td>1084 ARTT106-6</td>
<td>TTH</td>
<td>12:30pm - 2:30pm</td>
<td>15-week</td>
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<tr>
<td>1100 ARTT106-7</td>
<td>F</td>
<td>9:00am - 1:00pm</td>
<td>15-week</td>
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</tr>
<tr>
<td>1086 ARTT106-8</td>
<td>M</td>
<td>5:30pm - 9:30pm</td>
<td>15-week</td>
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</tbody>
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Note: Students must furnish own supplies.

### ARTT 108 - Introduction to Color Theory and Design (3)
**Prerequisite:** ENGL 70 OR Prerequisites or Co-requisites: ENGL 75 or (ESOL 72 and ESOL 73)
(formerly AR 115)
Introduces students to the basic principles and elements of color theory. Through lectures, still images, and in-class studio work, students will develop an awareness of color and a deeper understanding of color theory and practice. Topics include the scientific, psychological, and aesthetic aspects of color. Historic examples of color trends in art and design will also be discussed.

<table>
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<th>Type</th>
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<th>Time</th>
<th>Duration</th>
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</thead>
<tbody>
<tr>
<td>1093 ARTT108-1</td>
<td>MW</td>
<td>3:30pm - 5:30pm</td>
<td>15-week</td>
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Note: Students must furnish own supplies.

### ARTT 110 - Introduction to Watercolor I (3)
**Prerequisite:** ARTT 110
(formerly AR 207)
Introduces transparent watercolor techniques including wash and dry brush, ink, and watercolor and expanded uses intermixing with mixed media.

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<th>Time</th>
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</thead>
<tbody>
<tr>
<td>1097 ARTT110-1C</td>
<td>F</td>
<td>9:00am - 1:00pm</td>
<td>15-week</td>
<td></td>
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</tbody>
</table>

Note: Students must furnish own supplies.

### ARTT 111 - Watercolor II (3)
**Prerequisite:** ARTT 110
(formerly AR 210)
Expands techniques developed in ARTT 110 emphasizing personal expression in watercolor painting. Explores various advanced methods in watercolor painting, observing works of traditional and contemporary artists.

<table>
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<th>Time</th>
<th>Duration</th>
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</thead>
<tbody>
<tr>
<td>1098 ARTT111-1C</td>
<td>F</td>
<td>9:00am - 1:00pm</td>
<td>15-week</td>
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</tbody>
</table>

Note: Students must furnish own supplies.

### ARTT 112 - Pottery II (3)
**Gen Ed Arts**
**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.

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<th>Course Code</th>
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<th>Time</th>
<th>Duration</th>
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</thead>
<tbody>
<tr>
<td>1092 ARTT114-1</td>
<td>F</td>
<td>9:00am - 1:00pm</td>
<td>15-week</td>
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</tbody>
</table>

Note: Students must furnish own supplies.

### ARTT 114 - Pottery II (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.

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<th>Time</th>
<th>Duration</th>
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<tbody>
<tr>
<td>1095 ARTT204-1C</td>
<td>MW</td>
<td>12:30pm - 2:30pm</td>
<td>15-week</td>
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Note: Students must furnish own supplies.

### ARTT 204 - Illustration I (3)
**Prerequisite:** ARTT 204
(formerly AR 205)
Develops individual style and interpretation. While class assignments are given, individual preferences are welcomed and encouraged. Considers illustration for books, social comment, etc. Study and discussion of slides and sometimes films on the work of past masters and current trends. Critiques and discussions on works in progress.

<table>
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<th>Time</th>
<th>Duration</th>
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<tbody>
<tr>
<td>1096 ARTT205-1C</td>
<td>MW</td>
<td>12:30pm - 2:30pm</td>
<td>15-week</td>
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</table>

Note: Students must furnish own supplies.

### ARTT 205 - Illustration II (3)
**Prerequisite:** ARTT 204
(formerly AR 205)
Develops individual style and interpretation. While class assignments are given, individual preferences are welcomed and encouraged. Considers illustration for books, social comment, etc. Study and discussion of slides and sometimes films on the work of past masters and current trends. Critiques and discussions on works in progress.

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<th>Time</th>
<th>Duration</th>
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<tbody>
<tr>
<td>1094 ARTT210-1C</td>
<td>TH</td>
<td>1:30pm - 5:30pm</td>
<td>15-week</td>
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</table>

Note: Students must furnish own supplies.

### ARTT 210 - Sculpture (3)
**Prerequisite:** ARTT 102 or ARTT 113
( formerly AR 203)
Introduces students to a variety of sculptural practices. A number of methods for producing sculpture will be explored including both subtractive and additive processes. Sculpture's long and broad history will provide students with precedents for class projects and will connect student work to the continuum of art history. Students will provide all materials required for completion of projects.

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<th>Duration</th>
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<tbody>
<tr>
<td>1094 ARTT210-1C</td>
<td>TH</td>
<td>1:30pm - 5:30pm</td>
<td>15-week</td>
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</table>

Note: Students must furnish own supplies.

### ARTT 220 - Intermediate Sculpture (3)
**Prerequisite:** ARTT 210 or AR 203
( formerly AR 213)
Offers further investigation of material and techniques introduced in Sculpture. Assignments will focus on a limited number of concepts. This provides the students with a framework to begin the process of portfolio development and the opportunity to work in series. Students will provide all materials required for completion of projects.

<table>
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<th>Time</th>
<th>Duration</th>
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<tbody>
<tr>
<td>1099 ARTT220-1C</td>
<td>TH</td>
<td>1:30pm - 5:30pm</td>
<td>15-week</td>
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</table>

Note: Students must furnish own supplies.
ASLS 120 - Visual Gestural Communication (3)
(formerly ASLS 101)
Trains students visual acuity (receptive and expressive) and coordination of body movements. Emphasis is on mime, gestures and facial expressions. Through class activities and movement, students communicate without using the spoken voice. This class is designed to be a foundation for American Sign Language 1-3. It is recommended that ASLS 121 be taken concurrently with ASLS 120.
1102 ASLS120-1 TTH 11:00am - 12:15pm 15-week
2026 ASLS120-2 TTH 5:30pm - 6:45pm 15-week

ASLS 121 - American Sign Language I (3)
Gen Ed Humanities
Co-requisite: ASLS 120
(formerly ASLS 102)
Provides an in-depth study of American Sign Language. Includes vocabulary and grammar related to the exchange of personal information, introductions and negotiating the environment of sign conversation. Uses workbooks and videotapes. (First of four courses in ASL. Credit by examination is available.)
1103 ASLS121-1 MW 8:00am - 9:15am 15-week
1104 ASLS121-2 MW 9:30am - 10:45am 15-week
2252 ASLS121-3 MW 9:30am - 10:45am 15-week
1105 ASLS121-4 MW 11:00am - 12:15pm 15-week
1106 ASLS121-5 MW 12:30pm - 1:45pm 15-week
1107 ASLS121-6 TTH 9:30am - 10:45am 15-week
1108 ASLS121-7 TTH 11:00am - 12:15pm 15-week
1109 ASLS121-8 TTH 12:30pm - 1:45pm 15-week
1110 ASLS121-9 SAT 9:00am - 11:45am 15-week
1947 ASLS121-10 M 5:30pm - 8:00pm 15-week
1115 ASLS121-WE1 MW 3:30pm - 4:45pm 13-week

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

ASLS 122 - American Sign Language II (4)
Gen Ed Humanities
Prerequisite: ASLS 121 or ASLS 102
(formerly ASLS 103)
Continues the American Sign Language sequence and further develops communication competencies in sign language above the basic level. Introduces transcription symbols, sentence types, time pronounization, subjects and objects, classifiers, locatives, pluralization, and temporal and distributional aspects. Develops receptive/expressive skills. Features additional information about the Deaf community and Deaf culture.
1111 ASLS122-1 MW 2:00pm - 3:15pm 15-week
1112 ASLS122-2 W 5:30pm - 8:05pm 15-week
2253 ASLS122-3 TTH 11:00am - 12:15pm 15-week

ASLS 123 - American Sign Language Fingerspelling and Number Use (3)
Prerequisite: Grade of B or better in ASLS 122 or ASLS 103
(formerly ASLS 100)
Provides an in-depth study of American Sign Language Fingerspelling and Numbering. ASL Fingerspelling and Numbering is a crucial component of ASL. Focuses on developing receptive and expressive fingerspelling and numbering skills. Through class activities, this course covers names of people, cities, states, titles of books, movies, brand names, and lexicalized fingerspelling. This course also covers five systems in ASL Number Use: cardinal, ordinal, incorporation, unique, and sports system.
1101 ASLS123-1 MW 3:30pm - 4:45pm 15-week

ASLS 124 - Introduction to Deaf Community and History (3)
Gen Ed Emerging Issues; Cultural Competence
(formerly ASLS 106)
Introduces students to the American Deaf Community through historical events. Topics include the development of American Sign Language, modes of communication, laws concerning Deaf people, professions within the Deaf community, education of Deaf children, and the importance and value of Deaf Culture.
2254 ASLS124-1 MW 12:30pm - 1:45pm 15-week
1968 ASLS124-HYB1 T 5:30pm - 6:45pm 15-week
1113 ASLS124-ONL1 ONLINE 15-week

ASLS 223 - American Sign Language III (4)
Gen Ed Humanities
Prerequisite: Grade of B or better in ASLS 222 or ASLS 103
(formerly ASLS 202)
Continues the American Sign Language sequence, with an expansion of conversational language skills as the medium and communication. Students will also get extensive exposure to the Deaf culture information. Each of the five units in this text revolves around a major language function: locating things around the house; complaining and making requests; talking about life events; nationalities, and family histories; describing objects; and talking about the weekend. The language learned through this communicative approach is the language used in everyday conversation. By learning language functions in interactive contexts, conversational skills are developed in determining and correcting information; opening and closing conversations; asking for clarification, agreeing, declining, or hedging; and using appropriate response behaviors.
1114 ASLS223-1 MW 5:30pm - 6:45pm 15-week
1975 ASLS223-2 TTH 5:30pm - 6:45pm 15-week

ASLS 224 - American Sign Language IV (4)
Gen Ed Humanities
Prerequisite: Grade of B or better in ASLS 223 or ASLS 202
(formerly ASLS 203)
Continues the American Sign Language sequence. Features comprehension in medium and longer stories, narratives, and dialogues presented by the instructor and deaf ASL users. Students express self-generated stories. Presents hypothetical issues and problems. Includes interaction with the Deaf community in both directed and non-directed activities.
2083 ASLS224-1 TTH 9:30am - 10:45am 15-week
2028 ASLS224-2 TTH 2:00pm - 3:15pm 15-week

ASLS 225 - American Sign Language V (4)
Gen Ed Humanities
Prerequisites: Grade of B or better in ASLS 224 or ASLS 203
(formerly ASLS 207 experimental)
Continues the advanced skills used in American Sign Language. Includes vocabulary and grammar related to the exchange of storytelling, ASL idioms, analyzing ASL concepts, and more complicated ASL skills. This is the last of a five-semester ASL sequence. Skills developed from previous courses allow students to share personal and biographical stories and retell stories with simple plots, such as children's stories. Students will increase their understanding of a competence in using conversational strategies and culturally appropriate interaction skills.
2043 ASLS225-1 TTH 5:00pm - 6:15pm 15-week

BIOT: Biotechnology

BIOT 102 - Introduction to Biotechnology (3)
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly BPM 102)
Presents the tenets of Current Good Manufacturing Practices (cGMPs) and regulations relevant to the biotechnology and bioprocessing manufacturing industries. Importance of inspections and monitoring is discussed. Work-related issues are introduced such as workplace conduct, employer expectations, company organization and policy, personal safety, and industrial hygiene. May include one or more mandatory field trips and/or guest lectures.
1497 BIOT102-ONL1 ONLINE 15-week

BIOT 103 - Laboratory Techniques (1)
Prerequisites: Completion of high school biology or chemistry is strongly recommended AND (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101 or MATH 101A or MA 103 or MA 103A or MATH 110 or MA 105 or MATH 120 or MATH 120A or MA 206 or MA 206A or MATH 127 or MA 207 or appropriate score on mathematics placement test)
(formerly BPM 103)
Focuses on the basic principles and procedures used in all laboratory courses. Includes safety, equipment usage, areas of the lab and testing involved, quality control/quality assurance, lab math, and professionalism.
1498 BIOT103-1 TTH 5:00pm - 7:30pm 1st 7 1/2-week
BIOT 130 - Forensic Biology (4)
Gen Ed Science
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101 or MATH 101A or MA 103 or MA 103A or MATH 110 or MA 105 or MATH 120 or MATH 120A or MA 206 or MA 206A or MATH 127 or MA 207 or appropriate score on mathematics placement test) (formerly BI 130)
Introduces the principles and concepts of the biological aspects of forensic science. Examines the role of the laboratory in criminal investigation and human identification using forensic pathology, serology, anthropological, molecular biology, and other specializations.

1486 BIOT130-1LC M 8:00am - 10:35am 15-week
1487 BIOT130-1LB W 8:00am - 10:30am 15-week
1943 BIOT130-2LC M 11:00am - 1:35pm 15-week
1944 BIOT130-2LB W 11:00am - 1:30pm 15-week
2019 BIOT130-3LC T 8:00am - 10:35am 15-week
2020 BIOT130-3LB TH 8:00am - 10:30am 15-week
1488 BIOT130-4LC T 11:00am - 1:35pm 15-week
1489 BIOT130-4LB TH 11:00am - 1:30pm 15-week
Note: Students must register for corresponding lecture (LC) and lab (LB).
1490 BIOT130-ONL1 ONLINE 15-week

BIOT 140 - Biotechnology and Society (3)
Gen Ed Science
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101/MATH 101A or MA 103/MA 103A or MATH 110 or MA 105 or MATH 120/MATH 120A or MA206/MA206A or MATH 127 or MA 207 or appropriate score on mathematics placement test) (formerly BI 140)
Presents an overview of biotechnology and its scientific foundation through introductory investigations of the cell, protein structure and function, genetic expression, ecological and evolutionary interactions, and technological applications and issues. Introduces how science blends with consumer applications, regulatory information and social issues to provide a detailed perspective of the interrelationship among science, technology and society. May include one or more mandatory field trips, and/or guest lectures.

1491 BIOT140-ONL1 ONLINE 13-week

Biotechnology Notes:
BIOT102 - Bioprocessing Environment offered fall semester only.
BIOT103 - Laboratory Techniques I offered fall semester only.
BIOT110 - Bioprocessing Measurements offered spring semester only.
BIOT214 - Techniques in Bioproduction offered spring semester only.

BLDT: Building Trades

BLDT 101 - Introduction to Building Trades (3)
Prerequisite or Co-requisite: ENGL 70 or ENGL 75 or ENGL 70 or ESOL 70 (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, site planning, site preparation, and estimating as it relates to construction. Includes an overview of applicable equipment and materials required in the building trades.

1891 BLDT101-1 M 6:00pm - 8:30pm 15-week
1328 BLDT101-2 T 6:00pm - 8:30pm 15-week
Note: Class held at FCC's Monroe Center

BLDT 110 - Fundamentals of HVACR (4)
Prerequisite or Co-requisite: ENGL 70 or ENGL 75 or ENGL 70 or ESOL 70 (formerly BLD 109)
Covers fundamentals of heating, cooling, ventilation, humidity control, and basic refrigeration. Students will receive hands-on experience in a lab setting.

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

BLDT 111 - Controls for HVACR (3)
Prerequisite: BLD 110 or BLD 109 (formerly BLD 110)
Covers the topics of controls in HVACR with respect to thermostats, pressure, safety and temperature devices, and valves. In a lab environment students will be able to identify and apply usage of these components.

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

BLDT 113 - Fossil Fuels & Hydronic Heating (3)
Prerequisite: BLD 111 or BLD 110 (formerly BLD 114)
Covers the topics of fossil fuel heating devices, hydronic and forced air equipment. Students will apply troubleshooting, installation, service, and preventative maintenance techniques of these systems in a lab setting.

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

BLDT 120 - Introduction to Welding (4)
Prerequisite or Co-requisite: ENGL 70 or ENGL 75 or ESOL 70 or ESOL 72 (formerly BLD 121)
Introduces the basic processes in the welding field. Emphasizes welding safety. Introduces the various types of welding equipment, identification and selection of filler material, types of welds, and the different welding positions.

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

BLDT 121 - Welding Symbols & Blueprint Reading (2)
Prerequisite or Co-requisite: ENGL 70 or ENGL 75 or ESOL 70 or ESOL 72 (formerly BLD 120)
Introduces various types of prints used in the welding industry. Topics include print reading, measurements, metallurgy, types of welds and joints, and welding symbols.

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

BLDT 140 - Fundamentals of Structural Wiring (4)
Prerequisite or Co-requisite: ENGL 70 or ENGL 75 or ESOL 70 or ESOL 72 (formerly BLD 141)
Covers basic principles and fundamentals of electricity and electrical work. Course will include components of schematics and blueprints, importance and role of the National Electrical Code, and safety. Students will receive hands-on experience with tools of the trade, wiring, and installing components of accessory terminations.

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

BLDT 143 - Specialized Systems (3)
Prerequisite: BLD 140 or BLD 141 (formerly BLD 141)
Covers topics in the electrical field such as CAT5, CAT6, CATV, fiber optics, fire alarms, photovoltaic, and electric controls. Students will receive hands-on experience working with materials and components in a lab setting. Students will also be introduced to the National Electrical Code (NEC) codes governing these various sub-fields to the electrical industry.

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

BLDT 212 - HVAC Installation & Troubleshooting (3)
Prerequisite: BLD 111 or BLD 110 (formerly BLD 113)
Teaches basics of troubleshooting, installation, service and preventative maintenance techniques of HVAC equipment. Course includes EPA, CFC certification. Hands-on experience will be conducted in a lab setting where students will demonstrate and apply these techniques.

1844 BLDT212-HYB1 MW 6:00pm - 8:30pm 1st 7 1/2-week
Note: Class held at FCC's Monroe Center, Building Trades fee: $71.40
BLDT 223 - Advanced Welding: SMAW 4G (3)
Prerequisite: BLDT 222 or BLD 122
(formerly BLD 128)
Focuses on Shielded Metal Arc Welding (SMAW) and oxyfuel and plasma cutting on carbon steel. Students will perform SMAW welder performance qualification tests on limited thickness test plates in the 4G position on carbon steel in accordance with American Welding Society D1.1 Structural Welding Code; this leads to an in-house certification.

BLDT 224 - Advanced Welding: GTAW (3)
Prerequisite: BLDT 120 or BLD 121; Prerequisite or Co-requisite: BLDT 121 or BLD 120
(formerly BLD 124)
Introduces Gas Tungsten Arc Welding (GTAW) on carbon steel, stainless steel, and aluminum. Topics include welding safety, basic machine maintenance, and welding techniques.

BLDT 241 - Residential Electric (3)
Prerequisite: BLDT 140 or BLD 141
(formerly BLD 142)
Advances student knowledge in the National Electrical Code (NEC) and its application. Topics covered will include NEC calculations, as well as print reading, circuitry, schematics, materials, and circuit testing. Hands-on applications will be conducted in a lab setting.

BLDT 242 - Commercial Electric (3)
Prerequisite: BLDT 241 or BLD 142
(formerly BLD 145)
Continues the concepts and skills covered in the first two courses of the electrical building trades program. This course covers wiring methods mainly used in commercial construction. Topics covered to include: conduit (bending, installation), commercial lighting (fluorescent, HID), and transformers. Students will also have an overview of the applicable sections of the National Electrical Code (NEC), including box/conduit fill, and load calculations.

BMGT 103 - Introduction to Business (3)
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75
(formerly BU 103)
Introduces the role of business in society, the primary functions within a business, and external forces that affect business activities. Explores the role of entrepreneurs and forms of business organization. Describes how teamwork, communication, and motivation play an important role in achieving organizational goals.

BMGT 109 - Entrepreneurship and Small Business Enterprise (3)
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75
(formerly BU 109)
Surveys starting and successfully managing a small business focusing on aspects of entrepreneurship including information, operations, human resources, finance, marketing, and general administration.

BMGT 110 - Personal Financial Management (3)
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75
(formerly BU 110)
Develops a comprehensive approach to managing personal finances including financial planning, budgeting, financing consumer purchases, risk management, investments, and retirement planning.

NO COST / LOW COST TEXTBOOKS

FCC offers classes that have free or low cost textbooks

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

When you register for classes, check the “Notes” section to see if the course offers a NO COST/LOW COST textbook option. FCC is committed to making college more affordable with more faculty adopting lower cost textbook options.
BMGT 120 - Business Communications (3)
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly BU 273)
Emphasizes the theory and practice of oral, written, and interpersonal communication used in the workplace. Focus is placed on writing business correspondence and reports, planning and delivering effective presentations, and developing teamwork and collaboration skills.

1596 BMGT120-HYB1 TH 11:00am - 12:15pm 15-week $80
1597 BMGT120-ONL1 ONLINE 15-week $80
(Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

BMGT 211 - Business Law (3)
Prerequisite or Co-requisite: ENGL 101
(formerly BU 211)
Defines the nature and development of law in the United States with a particular emphasis on how the law applies to businesses and how the law adapts and remains relevant in the face of constantly changing economic, political, social, and technological conditions. Students will describe and critique contracts, agency and employment, negotiable instruments, and sales.

1590 BMGT211-1 MW 2:00pm - 3:15pm 15-week
1591 BMGT211-HYB1 T 6:00pm - 8:35pm 2nd 7 1/2-week
1592 BMGT211-ONL1 ONLINE 15-week $120
(Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

BMGT 221 - Public Relations (3)
Prerequisite or Co-requisite: BMGT 103
(formerly BU 221)
Examines the field of public relations, defined as a strategic communication process that builds mutually beneficial relationships between organizations and their publics. Explores the field's beginnings, identifies influential professionals throughout its history, and analyzes the theories behind its practices, whether in business, nonprofits, or government. Compares the differences between public relations and marketing, utilizing consumer and community relations techniques.

2215 BMGT221-ONL1 ONLINE 2nd 10-week $120
(Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

BMGT 222 - Human Resource Management (3)
Prerequisite or Co-requisite: BMGT 103
(formerly BU 222)
Explores personnel administration procedures in business and government organizations. Includes study of work group labor management relations, recruitment, placement, screening, and selection of employees, work measurement and simplification, personnel records, wage and job classification, wage incentive systems, and fringe benefits.

2216 BMGT222-ONL1 ONLINE 2nd 10-week $120
(Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

BMGT 225 - Marketing (3)
Prerequisite or Co-requisite: BMGT 103
(formerly BU 225)
Analyzes the marketing of goods, services, and organizations in a global economy. Develops a conceptual base for understanding the role of marketing in a business environment through activities and strategies employed by marketers. Explores major components of the marketing mix focusing on pricing, product, distribution, advertising, retailing, and wholesaling.

1593 BMGT225-1 MW 11:00am - 12:15pm 15-week
2024 BMGT225-ONL1 ONLINE 15-week $120
(Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

BMGT 227 - Principles of Management (3)
Prerequisite or Co-requisite: BMGT 103
(formerly BU 227)
Reviews principles of management in business and other organizations. Emphasizes management functions including planning, organizing, staffing, directing, controlling, and coordinating. Explores the role leaders play in strategic planning, change management, innovation, decision making, and motivating employees/teams.

1594 BMGT227-HYB1 M 6:00pm - 9:00pm 1st 7 1/2-week
1595 BMGT227-ONL1 ONLINE 15-week $80
(Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

BMGT 281 - Global Awareness in the Work Environment (3)
Gen Ed Emerging Issues; Cultural Competence
Prerequisite or Co-requisite: ENGL 101
(formerly BU 281)
Promotes awareness of cultural diversity in a workplace. Analyzes and adapts business culture and structure to global environments.

1598 BMGT281-HYB1 T 12:30pm - 1:45pm 15-week $160
(Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

BMGT 290 - Project Management (3)
Prerequisite or Co-requisite: CMIS 101
(formerly BU 290)
Examines concepts and practices of project management and their universal application to all types of organizations. Students will analyze the roles of the project manager and project team and utilize techniques for effective project planning, management, control, closeout, and evaluation.

2144 BMGT290-ONL1 ONLINE 2nd 7 1/2-week $120
(Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

BSCI: Biological Science

BSCI 55 - Preparation for Allied Health (0) [3]
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR (Co-requisite: ENGL 75) AND (MA 81 or MATH 67 or MA 83 or MA 85 or appropriate score on mathematics placement test)
(formerly BI 55)
Provides basic science concepts and science study skills. A preparatory course for students who have limited science background.

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

BSCI 100 - Fundamental Concepts of Biology (4)
Gen Ed Science
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR (Co-requisite: ENGL 75) AND (MA 81 or MATH 67 or MA 83 or MA 85 or MATH 101 or MATH 101A or MATH 103 or MATH 120 or MATH 120A or MA 206 or MA 206A or MATH 127 or MA 207 or appropriate score on mathematics placement test) OR Prerequisite or Co-requisite: MATH 110 or MA 105
(formerly BI 100)
Explores basic biological concepts involved in understanding the structure, function, and evolution of organisms. Introduces organization of living matter, metabolism, genetics, evolution, and ecology, and their application to everyday life. This one semester laboratory course is intended for non-STEM (science, technology, engineering, and math) majors, and is designed to provide students with an appreciation of biological concepts and their current applications. Meets the requirement for a general education science lab course.

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

(Note: Students must register for corresponding lecture (LC) and lab (LB).
### BSCI 105 - Human Ecology (3)

**Gen Ed Science**

*Prerequisites: (ENG 70 or ENG 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 201)*

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

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<td>1494 BSCI105-ONL1</td>
<td>ONLINE</td>
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### BSCI 106 - General Ecology (4)

**Gen Ed Science**

*Prerequisites: (ENG 70 or ENG 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 201)*

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

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### BSCI 107 - Study of the Human Body (3)

**Gen Ed Science**

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

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

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### BSCI 117 - Human Biology (4)

**Gen Ed Science**

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

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

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### BSCI 150 - Principles of Biology I (4)

**Gen Ed Science**

*Prerequisites: (ENG 70 or ENG 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 145 or MATH 155 or MA 130 or MA 150 or MATH 120 or MATH 120A or MA 206 or MA 206A or MATH 127 or MA 207 or appropriate score on mathematics placement test or Prerequisite or Co-requisite: MATH 165 or MA 111) (formerly BI 101)*

*Explores the basic biological principles common to all living organisms, including biological chemistry, bioenergetics and metabolism, cellular and molecular biology, and classical and molecular genetics.*

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<td>1429 BSCI150-21LB W 12:30pm - 3:00pm</td>
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*Note: Students registering for BSCI150-5LC must also register for BSCI150-51LB or BSCI150-52LB.*

### BSCI 150 - 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.*

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<td>1938 BSCI150-8LC SAT 9:00am - 11:35am</td>
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*Note: Students must register for corresponding lecture (LC) and lab (LB).*

### BSCI 160 - Principles of Biology III (4)

**Gen Ed Science**

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

*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.*

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*Note: Students must register for corresponding lecture (LC) and lab (LB).*
BSCI 201 - Anatomy and Physiology I (4)

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

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

1445 BSCI201-1LC MW 8:00am - 9:15am 15-week
1446 BSCI201-1LLB M 9:30am - 12:00pm 15-week
1447 BSCI201-2LC W 9:30am - 12:00pm 15-week

Note: Students registering for BSCI201-1LC must also register for BSCI201-1LLB.

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

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

BSCI 202 - Anatomy and Physiology II (4)

Gen Ed Science
Prerequisite: BSCI 201 or BL 103 (formerly BI 104)

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

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

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

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

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

BSCI 223 - Microbiology for Allied Health (4)

Gen Ed Science
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 145 or MATH 145S or MA 130 or MA 130S or MATH 120 or MATH 120A or MA 206 or MA 206A or MATH 127 or MA 207 or appropriate score on mathematics placement test OR Prerequisite or Co-requisite: MATH 165 or MA 111) AND (RSCI 55 or BSCI 105 or Bi 101 or BSCI 221 or Bi 103 or CHEM 101)
(note formerly BI 120)

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

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

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

BSCI 263 - Elements of Microbiology (4)

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

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

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

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

Biology Notes:

BSCI240 - Genetics offered spring semester only
BSCI263 - Elements of Microbiology offered fall semester only.

CADT: Computer Aided Design Technology

CADT 101 - AutoCAD I (3)

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

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

1599 CADT101-HYB1 TH 5:00pm - 8:00pm 1st 7 1/2-week

CADT 102 - AutoCAD II (3)

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

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

1600 CADT102-HYB1 M 5:00pm - 8:00pm 2nd 7 1/2-week
CADT 110 - Introduction to SolidWorks (3)
Prerequisite: ENGL 70 or ESOL 70
Introduces solid modeling software and its application as a design/drawing tool. Content covers basic features used to create, edit, document, and print parts and assemblies. Students will be able to create 3D models from which tangible counterparts could be created. Students will gain an understanding of important geometric constraints such as perpendicularity, concentricity, symmetry, angularity, parallelism, and others, that help them make appropriate design decisions on specific models as well as in assemblies.

2027 CADT110-HYB1 M 5:00pm - 8:45pm 1st 7 1/2-week

CADT 130 - Revit (BIM) (3)
Prerequisite: ENGL 70 or ESOL 70
(formerly CAD 130)
Introduces Autodesk Revit software, a Building Information Modeling (BIM) program, and its application as a design/drawing tool throughout the design process. Allows students to create designs in 3D, annotate with 2D drafting elements, and access building information from the building models database. Students will have a thorough knowledge of many of the Revit basics needed to be productive in a classroom or office environment.

2197 CADT130-HYB1 W 5:00pm - 8:00pm 1st 7 1/2-week

CADT 150 - Architectural Drawing and Design (3)
Prerequisite or Co-requisite: ENGL 70 or ENGL 75 or ESOL 70 or ESOL 72
(formerly CAD 200)
Applies and demonstrates the basic principles and concepts of architectural drawing and design, and their application. Develops an understanding of programming and schematic design. Introduces fundamental drawing practices, drawing systems, and presentation techniques. Students will create architectural sketches, drawings, and models.

2186 CADT210-HYB1 W 5:00pm - 8:45pm 1st 7 1/2-week

CADT 210 - Residential Architecture I (4)
Prerequisite: CADT 101; Prerequisite or Co-requisite: CADT 130
(formerly CAD 201)
Examines the basics of residential architecture. Content covers the language of architecture, the makeup of a set of plans, and the geometry of drawing parts of houses. Students will identify and create architectural designs including floor plans, foundation plans, site plans, and roof plans.

2011 CADT220-10HYB1 W 5:00pm - 8:45pm 2nd 7 1/2-week

CADT 220 - Residential Architecture II (4)
Prerequisite: CADT 210
(formerly CAD 202)
Examines the history and purpose of criminal law. Also examines elements of substantive criminal law as modified by statute. Introduces legal research and a case study review of appellate court decisions relative to selected aspects of criminal law.

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

CCJS 201 - Criminal Law (3)
Prerequisite: ENGL 101
(formerly CJ 110)
Examines police operational techniques and strategies, incident analysis, patrol deployment, traffic enforcement theory and practice, crime prevention and community relations, and the investigative process. Explores the police officer's role as a manager of community crime prevention resources. Includes analysis of recommended practices for maintaining a police officer's health and safety.

1703 CCJS204-1 TTH 9:30am - 10:45am 15-week

CCJS 204 - Police Operational Services (3)
Prerequisite: CCJS 201 or CJ 110
(formerly CJ 204)
Surveys the juvenile and adult correctional process from adjudication through probation or parole.

2024 CCJS220-1 TH 5:00pm - 8:45pm 1st 7 1/2-week

CCJS 220 - Criminal Evidence & Procedure (3)
Prerequisite: CCJS 201 or CJ 110
(formerly CCJS 220)
Examines the United States Constitutional limitations on law enforcement, emphasizing arrest, use of force and search and seizure. Rules of evidence of particular importance to the law enforcement function. Introduces the United States Constitution and Supreme Court decisions affecting individual rights and law enforcement practices. Includes case orientation through an analysis of criminal justice agencies.

2011 CCJS220-1 T 6:00pm - 8:30pm 15-week

CCJS 220 - Criminal Evidence & Procedure (3)
Prerequisite: CCJS 201 or CJ 110
(formerly CCJS 220)
Examines the United States Constitutional limitations on law enforcement, emphasizing arrest, use of force and search and seizure. Rules of evidence of particular importance to the law enforcement function including: the hearsay rule and exceptions; documentary, opinion, corpus delicti and circumstantial evidence; character and past crimes; evidentiary privileges; jurisdiction and venue; and witnesses.

2011 CCJS220-1 T 6:00pm - 8:30pm 15-week

CCJS 220 - Criminal Evidence & Procedure (3)
Prerequisite: CCJS 201 or CJ 110
(formerly CCJS 220)
Examines the United States Constitutional limitations on law enforcement, emphasizing arrest, use of force and search and seizure. Rules of evidence of particular importance to the law enforcement function including: the hearsay rule and exceptions; documentary, opinion, corpus delicti and circumstantial evidence; character and past crimes; evidentiary privileges; jurisdiction and venue; and witnesses.
CHEM: Chemistry

CHEM 100 - Chemistry and Society (4)
Gen Ed Science
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101/MATH 101A or MA103/MA103A or MATH 110 or MA 105 or MATH 120/MATH 120A or MA206/MA206A or MA 127 or MA 207 or appropriate score on mathematics placement test)
(continuing 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.

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

1499 CHEM100-1LC TH 8:00am - 10:35am 15-week
Note: Students must register for corresponding lecture (LC) and lab (LB).

CHEM 101 - General Chemistry I (4)
Gen Ed Science
Prerequisites: Completion of high school chemistry strongly recommended AND (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 145/MATH 145S or MA 130/MA 130S or MATH 120/MATH 120A or MA206/MA206A or MATH 127 or MA 128 or appropriate score on mathematics placement test OR Prerequisite or Co-requisite: MATH 165 or MA 111)
(continuing 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.

1500 CHEM101-1LC T 8:00am - 10:30am 15-week
1501 CHEM101-11LB MW 9:30am - 10:45am 15-week
1502 CHEM101-11LB M 11:00am - 1:30pm 15-week
1503 CHEM101-2LC MW 11:00am - 1:15pm 15-week
1504 CHEM101-21LB M 8:00am - 10:30am 15-week
1505 CHEM101-3LC MW 11:00am - 1:15pm 15-week
1506 CHEM101-31LB W 8:00am - 10:30am 15-week
1507 CHEM101-4LC MW 12:30pm - 1:45pm 15-week
1508 CHEM101-41LB M 2:00pm - 4:30pm 15-week
2022 CHEM101-5LC MW 2:00pm - 3:15pm 15-week
1880 CHEM101-51LB W 11:00am - 1:30pm 15-week
1509 CHEM101-6LC TTH 9:30am - 10:45am 15-week
1510 CHEM101-61LB T 11:00am - 1:30pm 15-week
1511 CHEM101-7LC F 11:00am - 1:35pm 15-week
1512 CHEM101-71LB F 8:00am - 10:30am 15-week
1515 CHEM101-8LC TTH 2:00pm - 3:15pm 15-week
1516 CHEM101-81LB TH 11:00am - 1:30pm 15-week
1517 CHEM101-9LC F 8:00am - 10:35am 15-week
1518 CHEM101-91LB F 11:00am - 1:30pm 15-week
1519 CHEM101-10LC SAT 9:00am - 11:30am 15-week
1520 CHEM101-101B SAT 12:15pm - 2:45pm 15-week
1523 CHEM101-11LC M 5:30pm - 8:05pm 15-week
1524 CHEM101-111B W 5:30pm - 8:00pm 15-week
1521 CHEM101-12LC T 6:00pm - 8:35pm 15-week
1522 CHEM101-121B TH 6:00pm - 8:30pm 15-week
Note: Students must register for corresponding lecture (LC) and lab (LB).

CHEM 102 - General Chemistry II (4)
Gen Ed Science
Prerequisite: Grade of C or better in CHEM 101
(continuing CH 102)
Continues examining the concepts underlying general chemistry: intermolecular forces, chemistry of solutions; kinetics, equilibrium, acid-base chemistry, thermochemistry, electrochemistry; nuclear chemistry; chemistry of metals and nonmetals; organic chemistry including basic structures, nomenclature, and functional groups; mass spectrometry, and visible and infrared spectroscopies.

1526 CHEM102-1LC MW 2:00pm - 3:15pm 15-week
1527 CHEM102-11LB W 11:00am - 1:30pm 15-week
1528 CHEM102-2LC TTH 9:30am - 10:45am 15-week
1529 CHEM102-21LB T 12:30pm - 3:00pm 15-week
1532 CHEM102-3LC T 9:30am - 12:05pm 15-week
1533 CHEM102-31LB TH 9:30am - 12:00pm 15-week
1530 CHEM102-4LC W 5:30pm - 8:00pm 15-week
1531 CHEM102-41LB M 5:30pm - 8:00pm 15-week
Note: Students must register for corresponding lecture (LC) and lab (LB).

CHEM 201 - Organic Chemistry I (4)
Prerequisite: Grade of C or better in CHEM 102
(continuing CH 201)
Focuses on structure, nomenclature, reactions and uses of hydrocarbons, alkyl halides, alcohols, and compounds containing related functional groups. Mass spectrometry, infrared, and nuclear magnetic resonance spectroscopy are also covered. Lab experiments introduce basic organic chemistry techniques, synthesize and purify organic compounds, and provide hands-on experience with infrared spectroscopy.

2189 CHEM201-1LC MW 2:00pm - 3:15pm 15-week
2190 CHEM201-11LB M 11:00am - 1:35pm 15-week
1534 CHEM201-2LC TTH 11:00am - 12:15pm 15-week
1535 CHEM201-21LB TH 12:30pm - 3:25pm 15-week
1945 CHEM201-3LC M 5:30pm - 8:05pm 15-week
1946 CHEM201-31LB W 5:30pm - 8:25pm 15-week
Note: Students must register for corresponding lecture (LC) and lab (LB).

Chemistry Notes:
CHEM 100 - Chemistry and Society offered in spring semester only.
CHEM 202 - Organic Chemistry II offered in spring and summer semesters only.

CHIN: World Languages: Chinese

CHIN 101 - Introductory Chinese I (4)
Gen Ed Humanities
(continuing LC 101)
Introduces the fundamentals of the Chinese language and culture. Develops communicative competence in the four basic language skills (speaking, listening, reading, and writing). The Pinyin phonetic system of Mandarin Chinese and the Chinese characters are introduced in this course.

2082 CHIN101-1 TTH 12:30pm - 2:10pm 15-week
Note: CHEM 101 in the online format is very intense. Completion of high school chemistry and a strong science background is recommended. Students should be prepared to work hard to do well in this class.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Time/Location</th>
<th>Section(s)</th>
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<tbody>
<tr>
<td>CMIS 101</td>
<td>Information Systems and Technology (3)</td>
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<tr>
<td>CMIS 105</td>
<td>Introduction to Programming (2)</td>
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<tr>
<td>CMIS 106</td>
<td>Object Design and Programming (3)</td>
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<td>CMIS 111</td>
<td>Spreadsheets (3)</td>
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<td>CMIS 111L</td>
<td>UNIX/Linux Operating System (3)</td>
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<td>CMIS 111R</td>
<td>Business Software Applications (3)</td>
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<td>CMIS 111V</td>
<td>Virtualization and Cloud Essentials (3)</td>
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<td>CMIS 117</td>
<td>Data Science Essentials (3)</td>
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<tr>
<td>CMIS 118</td>
<td>Data Analytics Using Spreadsheets (3)</td>
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**CMIS: Computer and Information Sciences**

**CMIS 101 - Information Systems and Technology (3)**

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.

**CMIS 105 - Introduction to Programming (2)**

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

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

**CMIS 106 - Object Design and Programming (3)**

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

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

**CMIS 111 - Data Science Essentials (3)**

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

Introduces concepts and techniques of data collection and discovery as well as computer based data analysis tools. Surveys data wrangling, data journalism, data visualization, big data analytics, and data engineering technologies, such as Hadoop and MapReduce. Topics include the data organization and analysis tools. Surveys data wrangling, data journalism, data visualization, big data analytics, and data engineering technologies, such as Hadoop and MapReduce.

**CMIS 118 - Data Analytics Using Spreadsheets (3)**

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

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

Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.
### CMIS 120 - PC Operating Systems (3)
**Prerequisite or Co-requisite:** CMIS 121 or CMIS 111M (formerly CIS 121)
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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Notes</th>
<th>Days</th>
<th>Time</th>
<th>Week</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1627 CMIS120-HYL1</td>
<td>Note: Students must also register for CMIS121-HYL1.</td>
<td>M</td>
<td>2:30pm - 3:45pm</td>
<td>13-week</td>
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<tr>
<td>1966 CMIS120-HYL2</td>
<td>Note: Students must also register for CMIS121-HYL2.</td>
<td>W</td>
<td>9:25am - 10:50am</td>
<td>1st 10-week</td>
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<tr>
<td>1628 CMIS120-HYL3</td>
<td>Note: Students must also register for CMIS121-HYL3.</td>
<td>T</td>
<td>5:00pm - 6:15pm</td>
<td>13-week</td>
<td>3</td>
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<tr>
<td>1629 CMIS120-ONLK</td>
<td>ONLINE</td>
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### CMIS 121 - PC Repair & Diagnostics (3)
**Prerequisite or Co-requisite:** CMIS 120 or CMIS 111M (formerly CIS 121)
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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Notes</th>
<th>Days</th>
<th>Time</th>
<th>Week</th>
<th>Unit</th>
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<tbody>
<tr>
<td>1652 CMIS121-HYL1</td>
<td>Note: Students must also register for CMIS120-HYL1.</td>
<td>M</td>
<td>3:45pm - 5:00pm</td>
<td>13-week</td>
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<tr>
<td>1967 CMIS121-HYL2</td>
<td>Note: Students must also register for CMIS120-HYL2.</td>
<td>W</td>
<td>10:50am - 12:15pm</td>
<td>1st 10-week</td>
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<tr>
<td>1653 CMIS121-HYL3</td>
<td>Note: Students must also register for CMIS120-HYL3.</td>
<td>T</td>
<td>6:15pm - 7:30pm</td>
<td>13-week</td>
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<tr>
<td>1654 CMIS121-ONLK</td>
<td>ONLINE</td>
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</table>

### CMIS 140 - Java Programming (3)
**Prerequisite or Co-requisite:** CMIS 106 (formerly CIS 140)
Introduces Java programming language with an emphasis on object-oriented principles. Students utilize library classes in developing Java standalone applications and applets. Topics include Graphical User Interface (GUI) programming, event-driven programming, inheritance, and polymorphism.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Week</th>
<th>Unit</th>
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<tr>
<td>1631 CMIS140-HYB1</td>
<td>W</td>
<td>7:15pm - 9:00pm</td>
<td>13-week</td>
<td>3</td>
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### CMIS 173 - Healthcare Information Technology (3)
**Prerequisite or Co-requisite:** CMIS 101 or CMIS 105 or CMIS 107 or CMIS 106 or CMIS 120 or CMIS 111M (formerly CIS 173)
Prepares students to become healthcare information technology technicians. Topics covered include healthcare-related regulatory requirements, healthcare terminology/terminology, medical business operations, electronic health records (EHRs), and healthcare specific security best practices. Students will obtain the knowledge and skills required to implement, deploy, and support health IT systems in medical facilities.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Notes</th>
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<td>2nd 7 1/2-week</td>
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</table>

### CMIS 175 - Game Theory and Design (3)
**Prerequisites:** ENGL 70 or ENGL 75 OR ESOL 72 and ESOL 73 (formerly CIS 175)
Covers game theory and design. Topics include the roles of game designers, game structures and elements as well as game development stages and methods. Students study game design, prototyping, and playtesting games.

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<th>Course Code</th>
<th>Days</th>
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<tr>
<td>1635 CMIS175-HYB1</td>
<td>T</td>
<td>5:15pm - 6:45pm</td>
<td>1st 5-week</td>
<td>3</td>
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### CMIS 176 - Game Creation (3)
**Prerequisite or Co-requisite:** CMIS 101 or CMIS 105 or CMIS 107 or CMIS 106 or CMIS 175 (formerly CIS 176)
Covers the creation of basic games. This hands-on course guides students step by step through the basics of building interactive games. Students learn to create computer games utilizing current technologies, such as web page design/development languages, animation/simulation software, and game engines.

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<th>Days</th>
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<tr>
<td>1636 CMIS176-HYB1</td>
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<tr>
<td>CMIS 203 - Systems Analysis &amp; Design (3)</td>
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<td>CMIS 204 - Computer &amp; Information Sciences Project (3)</td>
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<td>CMIS 205 - C++ Programming (3)</td>
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<td>CMIS 206 - Cybercrime and Digital Forensics (3)</td>
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<td>CMIS 207 - Information Security (3)</td>
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<td>CMIS 218 - Ethical Hacking (3)</td>
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<td>ONLINE 2nd 10-week</td>
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<td>CMIS 222 - Computer Organization (4)</td>
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<td>CMIS 225C - Computer Programming Language: Mobile Applet Programming (3)</td>
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<td>CMIS 226 - Game Programming (4)</td>
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<td>CMIS 227 - Simulation and Game Development (4)</td>
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<td>CMIS 228 - Networking Fundamentals (3)</td>
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<td>CMIS 229 - Cisco 1 Network Fundamentals (3)</td>
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<td>Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.</td>
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</table>
CMTE 291 - Cisco 2 Routing Technologies (3)
Prerequisite or Co-requisite: CMIS 280 or CMIS 285 or CMIS 290 or CMIS 295
(formerly CIS 191)
Introduces the routing protocols and concepts, as well as the fundamentals of Cisco routers. Students learn to install, configure, customize, operate, maintain, and troubleshoot Cisco routers and relevant components.

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

CMIS 292 - Cisco 4 WAN Technologies (3)
Prerequisite or Co-requisite: CMTE 292 or CMIS 292 (formerly CIS 223)
Introduces the principles and implementation of Wide Area Networks (WANs). Topics include the traffic control and access control lists (ACLs), services and protocols for wide-area access, Point-to-Point (PPP) protocols and WAN, as well as the concepts and operations of frame relay. Students learn to configure, verify, and troubleshoot WANs.

1646 CMIS292-HYB1 M 5:00pm - 7:30pm 2nd 7 1/2-week

CMIS 295 - Cloud Security (3)
Prerequisite or Co-requisite: CMIS 111V or CMIS 266 or (CMIS 380 or CMIS 180) or (CMIS 290 or CMIS 190) (formerly CIS 223)
Cover the essentials of the cloud security technologies, mechanisms, and standards/frameworks as outlined by Cloud Security Alliance (CSA) and National Institute of Standards and Technology (NIST) Cloud Computing Security Standards. Surveys cloud governance, certification compliance, and accreditation. Students learn to analyze risk in cloud environments and cloud security solutions, create and secure public and private cloud instances, and secure cloud applications.

1659 CMIS295-HYB1 TH 5:15pm - 6:45pm 13-week $ Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

CMTE 100 - Occupational Safety & Health (2)
Identifies factors and practices that aid in accident prevention and elimination of hazards in the workplace. Topics will include liability, standards, OSHA, hazard control, accident investigation, and safety management.

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

CMTE 101 - Construction Management (3)
Prerequisite or Co-requisite: ENGL 70 or ENGL 75 or (ESOL 72 and ESOL 73) (formerly CON 101)
Introduces the construction management process, each party's roles and responsibilities, forms of construction management delivery systems, and construction documents. Students will describe the role of the construction manager within the context of ensuring timely, high quality, profitable, and safe construction projects.

1661 CMTE101-ONL1 ONLINE 1st 10-week

CMTE 130 - Materials & Methods of Construction (3)
Prerequisite or Co-requisite: ENGL 70 or ENGL 75 or (ESOL 72 and ESOL 73) (formerly CON 132)
Provides the construction manager with a fundamental understanding of materials and methods of construction. Emphasizes properties of materials, engineering methods, construction methods, testing methods, and related building codes. This course focuses on soil, earthwork, foundations, paving, concrete, masonry, thermal products, roofing, wood construction, steel construction, exterior and interior finishes, glazing, windows, doors, exterior wall systems, cladding, interior walls/partitions, finish ceilings, and flooring.

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

CMTE 140 - Architectural Blueprint Reading (3)
Prerequisite or Co-requisite: ENGL 70 or ENGL 75 or (ESOL 72 and ESOL 73) (formerly CON 140)
Introduces basic blueprint and construction document reading methodology. Develops the practice of utilizing construction documents as an important communication tool in the construction process. Areas of focus include views, symbols, scales, dimensions, materials, construction methods, and terminology used in the various disciplines included in construction documents.

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

CMTE 200 - Site Management (3)
Prerequisite or Co-requisites: (CMTE 101 or BLST 101) and (CMIS 130 or CON 132) (formerly CON 203)
Examines the principles that apply to planning and managing construction project field operations. Major areas of focus include documentation and recordkeeping, jobsite layout and control, project safety, jobsite labor relations, subcontracting and purchasing, time and cost control, changes and claims, quality management, payments, and project closeout.

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

CMTE 210 - Construction Project Cost Estimating (3)
Prerequisites: CMTE 101 and CMTE 140 (formerly CON 204)
Introduces cost estimating concepts and methodologies that apply to the construction industry. Areas of emphasis include estimating techniques, quantity take-off, pricing, material and labor estimation, estimating by division, bidding, and computer applications.

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

CMTE 220 - Construction Project Scheduling (3)
Prerequisites: CMTE 101 and CMTE 140 (formerly CON 206)
Introduces the concepts and procedures in preparing a project schedule. Bar charts, critical path method, and computer applications are examined. Students will use sample projects and case studies to apply scheduling concepts.

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

COMM: Communications

COMM 101 - Introduction to Communication Studies (3)
Gen Ed Communications
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75 (formerly CMSP 101)
Introduces students to the basic theories and practical applications of human communication as it relates to their communication experiences. These include interpersonal situations, intercultural experiences, small group interactions, and public communication. Students will be given opportunities to develop their effectiveness in the speaking-listening communicative setting as well as develop knowledge of the communication process as a system.

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

$ No/Low Cost Textbooks: At FCC, this symbol indicates specific course sections in which textbooks are available for less than $40. These sections require regular access to the Internet as most of the resources are in a digital format. Note that certain no/low cost textbook courses (e.g., science labs, art studio classes) have textbooks available for less than $40 but may require purchase of additional course materials and supplies.
COMM 103 - Public Speaking (3)
Gen Ed Communications
Prerequisite: ENGL 70 or ENGL 75 or ESOL 72 or Co-requisite: ENGL 75
(formerly CMSP 103)
Emphasizes the attainment of understanding and skill in public speaking. Assignments require analyzing
the audience, researching, organizing, outlining, supporting and delivering a variety of extemporaneous speeches.
1140 COMM103-1 MW 8:00am - 9:15am 15-week
1141 COMM103-2 MW 9:30am - 10:45am 15-week
1142 COMM103-3 MW 11:00am - 12:15pm 15-week
2255 COMM103-4 MW 12:30pm - 1:45pm 15-week
1144 COMM103-5 TTH 9:30am - 10:45am 15-week
1145 COMM103-6 TTH 12:30pm - 1:45pm 15-week
1146 COMM103-7 TTH 2:00pm - 3:15pm 15-week
1147 COMM103-8 W 6:00pm - 8:35pm 15-week
1143 COMM103-WE1 MW 2:00pm - 3:15pm 13-week
2029 COMM103-WE2 TTH 11:00am - 12:15pm 13-week
Note: This web enhanced course requires completion of selected online assignments.

COMM 103H - Public Speaking (3)
Gen Ed Communications
Prerequisite: ENGL 70 or ENGL 75 or ESOL 72 or Co-requisite: ENGL 75
(formerly CMSP 105)
Emphasizes the attainment of understanding and skill in public speaking. Assignments require analyzing
the audience, researching, organizing, outlining, supporting and delivering a variety of extemporaneous speeches.
1149 COMM103H-1 TTH 11:00am - 12:15pm 15-week
$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

COMM 105 - Small Group Communication (3)
Gen Ed Communications; Cultural Competence
Prerequisite: ENGL 70 or ENGL 75 or ESOL 72 or Co-requisite: ENGL 75
(formerly CMSP 107)
Prerequisites: ENGL 70 or ENGL 75 or ESOL 73 or Co-requisite: ENGL 75
(formerly CMSP 107)
Offers skills development in verbal, non-verbal and intercultural communication, listening, observation,
leadership, and participation in groups. Emphasizes collaborative learning through researching and analyzing
questions of fact and policy, problem solving and decision making, interacting and reaching consensus.
1906 COMM105-1 MW 8:00am - 9:15am 15-week
1150 COMM105-2 MW 9:30am - 10:45am 15-week
1151 COMM105-3 MW 11:00am - 12:15pm 15-week
1152 COMM105-4 MW 11:00am - 12:15pm 15-week
1153 COMM105-5 MW 12:30pm - 1:45pm 15-week
1154 COMM105-6 MW 2:00pm - 3:15pm 15-week
1155 COMM105-7 MW 3:30pm - 4:45pm 15-week
1156 COMM105-8 TTH 8:00am - 10:35am 2nd 7 1/2-week
1157 COMM105-9 TTH 9:30am - 10:45am 15-week
2030 COMM105-10 TTH 9:30am - 10:45am 15-week
2031 COMM105-11 TTH 9:30am - 12:05pm 1st 7 1/2-week
1808 COMM105-12 TTH 11:00am - 12:15pm 15-week
2209 COMM105-13 TTH 11:00am - 1:35pm 15-week
1158 COMM105-14 TTH 12:30pm - 1:45pm 15-week
1954 COMM105-15 TTH 12:30pm - 1:45pm 15-week
1159 COMM105-16 TTH 2:00pm - 3:15pm 15-week
1160 COMM105-17 TTH 3:30pm - 4:45pm 15-week
1162 COMM105-18 M 6:00pm - 8:35pm 15-week
1164 COMM105-19 TTH 6:00pm - 8:35pm 2nd 7 1/2-week
1161 COMM105-WE1 F 11:00am - 1:30pm 13-week
Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

COMM 107 - Career Communication (3)
Gen Ed Communications
Prerequisite: ENGL 70 or ENGL 75 or ESOL 73 or Co-requisite: ENGL 75
(formerly CMSP 107)
Offers students knowledge and skills needed to communicate within their prospective professions and
with others outside those professions. Assignments in interview, group discussion and extemporaneous speaking
are adapted to individual students.
1165 COMM107-1 TTH 9:30am - 10:45am 15-week
2210 COMM107-2 MW 12:30pm - 3:00pm 1st 7 1/2-week
1166 COMM107-ONL1 ONLINE 15-week
Note: Mandatory on-campus session: Saturday, 10/26/19 at 8:30am – 12:30pm.
In Room: Weather make-up date: Saturday, 11/2/19 at 8:30am - 12:30pm.

COMM 109 - Basic Conflict Mediation (3)
Gen Ed Communications
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly CMSP 109)
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly CMSP 109)
Introduces the 7-Step Model of mediation, which includes strategic listening, handling power imbalances,
and dealing with intense emotions. Students will engage in role plays and simulations for hands-on
experience. Students will also conduct critical analyses of varying conflict resolution theories and
mediation styles through discussion and written reflections.
1955 COMM109-1 F 10:00am - 3:20pm 2nd 7 1/2-week

COMM 111 - Introduction to Mass Communication (3)
Gen Ed Communications
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75
(formerly CMM 101)
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly CMM 101)
Surveys the history, structure, functions, and effects of mass media, and explores careers in the field of
mass media. Focuses on the application and significance of media literacy in analyzing the impact of
the various media on society and the individual, and examines how the media effectively fulfill their
purposes as deliverers of information, persuasion, entertainment, and culture.
1116 COMM111-1 MW 8:00am - 9:15am 15-week
1117 COMM111-2 MW 2:00pm - 3:15pm 15-week
2211 COMM111-3 TH 6:00pm - 10:00pm 1st 7 1/2-week
1908 COMM111-WE1 MW 12:30pm - 1:45pm 13-week
Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

ECEDE: Early Childhood Development

ECEDE 101 - Child Development & Behavior (3)
Prerequisite: ENGL 70 or ENGL 75 or ESOL 72
(formerly ED 100)
Introduces basic growth and developmental principles necessary to work with young children from birth
to twelve years old. Emphasizes the social, emotional, physical, and cognitive developmental stages
of the young child. This course meets the Maryland State Department Office of Child Care Licensing &
Credentialing Requirements. This course is 45 hours of the 90 hours required for Preschool Lead Teacher.
1714 ECEDE101-1 MW 9:30am - 10:45am 15-week
1723 ECEDE101-ONL1 ONLINE 15-week

ECEDE 105 - Introduction to Early Childhood Education (3)
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly ECD 101)
(formerly ECD 101)
Examines conceptual framework for understanding the role of the early childhood education professional.
Content focuses on the profession of early childhood education in the context of historical,
philosophical, and social influences. Units of study also review contemporary trends, issues and practices
in the field of early childhood education.
1708 ECEDE105-1 TTH 9:30am - 10:45am 15-week
1709 ECEDE105-ONL1 ONLINE 15-week
<table>
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<th>Course Code</th>
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<th>Credits</th>
<th>Prerequisites</th>
<th>Duration</th>
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<tr>
<td>ECON 201</td>
<td>Principles of Microeconomics (3)</td>
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<td>Gen Ed Economics</td>
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<td>ECON 201H</td>
<td>Principles of Macroeconomics (3)</td>
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EDPS: Educational Psychology

EDPS 210 - Human Growth and Development (3)
Gen Ed Education
Prerequisite or Co-requisite: ENGL 101
(formerly ED/PS 208)

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

1724 EDPS210-1 MW 8:00am - 9:15am 15-week
1728 EDPS210-2 MW 9:30am - 10:45am 15-week
1729 EDPS210-4 TTH 9:30am - 10:45am 15-week
1725 EDPS210-5 TTH 11:00am - 12:15pm 15-week
1726 EDPS210-6 TTH 12:30pm - 1:45pm 15-week
1729 EDPS210-HYB1 T 6:00pm - 7:15pm 2nd 7 1/2 week
2012 EDPS210-ONL1 ONLINE 15-week
1730 EDPS210-ONL2 ONLINE 13-week
2224 EDPS210-ONL3 ONLINE 1st 7 1/2 week
1731 EDPS210-ONL4 ONLINE 2nd 7 1/2 week

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

EDPS 210H - Human Growth and Development (3)
Gen Ed Education
Prerequisite or Co-requisite: ENGL 101
(formerly ED/PS 208)

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

2230 EDPS210H-1 TTH 2:00pm - 3:15pm 15-week

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

EDUC: Education

EDUC 110 - Schools and Society (3)
Gen Ed Education
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly ED 102)

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

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

EDUC 220 - Educational Psychology (3)
Prerequisite: PSYC 101
(formerly ED 202)

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

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

EDUC 230 - Foundations of Special Education (3)
Cultural Competence
Prerequisite: EDUC 110 or ED 102 or ECE 105 or ED 101
(formerly ED 203)

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

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

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

EMGT: Emergency Management

EMGT 101 - Disaster, Crisis, and Emergency Management (3)
Gen Ed Emerging Issues
Prerequisite: ENGL 70 OR Prerequisites or Co-requisites: ENGL 75 or (ESOL 72 and ESOL 73)
(formerly EM 101 and ID 225)

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

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

EMGT 104 - Disaster Response and Recovery (3)
Prerequisites: ENGL 70 or ENGL 75 OR (ESOL 72 and ESOL 73)
(formerly EM 104)

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

1959 EMGT104-ONL1 ONLINE 15-week

EMGT 111 - Preparing and Securing the Homeland (3)
Prerequisites: ENGL 70 or ENGL 75 OR (ESOL 72 and ESOL 73)
(formerly EM 111)

Provides students with a thorough understanding of the strategic, political, legal, and organizational challenges associated with the protection of the U.S. homeland. Examines the range of potential threats and challenges associated with the protection of the U.S. homeland. Examines the range of potential threats and civil liberties.

1959 EMGT111-ONL1 ONLINE 15-week
EMGT 130 - Integrated Emergency Management (3)
Prerequisite or Co-requisite: ENGL 101 or ID 225 or FIRE 107 (formerly EM 130)
Provides students with an understanding of the concept of Integrated Emergency Response to disasters and other critical incidents. Students examine the role of Integrated Emergency Preparedness in the government environment, and expand the understanding to public-private cooperation in emergency management.
Note: While not an official prerequisite, students are encouraged to take ENGL 106 prior to (or during the same semester as) they intend to enroll for this course.

ENGL 201 - Public Safety GIS and Technology (3)
Prerequisite or Co-requisite: ENGL 101 or ID 225 or FIRE 107 or GSA 101 (formerly EM 201)
Introduces students to the technologies, applications, and tools relevant to the current emergency management professional environment. Explores the impact of a rapidly improving technological environment on all phases of the emergency management process and discusses potential means of leveraging technology to improve known deficiencies. Focuses intensively on the applications of Geographic Information Systems (GIS) technology with a view to preparing students for its necessary use in emergency management careers. Offers experience in working with, creating, and interpreting GIS maps and other visual products. Discusses the future changes and challenges facing the emergency management discipline as a result of continued technological growth.

ENGL 75 - Reading and Writing in the Academic Disciplines (0) [4]
Prerequisite: Appropriate scores on the reading and writing placement tests (formerly EN 75)
Promotes the integrated approach to the development of active reading and writing strategies for the tasks and texts students encounter in college. The course stresses the interaction among the reader, the text, and the context and one’s ability to critically respond to a variety of writing situations. The course addresses whole discourse and sentence-level matters. Students are guided to become independent readers and writers.

ENGL 100 - Advanced Reading for Composition (2)
Prerequisites: Grade of C or better in ENGL 70 or ENGL 75 OR (appropriate scores on the reading and writing placement tests) OR (ESOL 72 and ESOL 73), Co-requisite: ENGL 101 (formerly ACE 100)
Provides supplemental reading and writing support for students co-enrolled in English Composition (ENGL 101). The course targets critical reading strategies necessary for success in ENGL 101 and other college-level courses that require intensive reading. Students are guided to become independent readers capable of engaging in rigorous academic conversations.

ENGL: English

ENGL 70 - Introduction to College Reading and Writing (0) [6]
Prerequisite: Appropriate scores on the reading and writing placement tests (formerly EN 70)
Provides extended practice with academic writing based on college-level texts. The course stresses the interaction between critical reading, writing, and thinking. The course offers structured practice and support with writing academic essays, improving reading comprehension, and increasing critical reading skills to succeed in future college academic tasks. Students are guided to become flexible, confident, and independent readers and writers.

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

ENGL 75 - Reading and Writing in the Academic Disciplines (0) [4]
Prerequisite: Appropriate scores on the reading and writing placement tests (formerly EN 75)
Promotes the integrated approach to the development of active reading and writing strategies for the tasks and texts students encounter in college. The course stresses the interaction among the reader, the text, and the context and one’s ability to critically respond to a variety of writing situations. The course addresses whole discourse and sentence-level matters. Students are guided to become independent readers and writers.

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

Note: Students must also register for corresponding ENGL 101 linked (LK) section.

ENGL 75 - Reading and Writing in the Academic Disciplines (0) [4]
Prerequisite: Appropriate scores on the reading and writing placement tests (formerly EN 75)
Promotes the integrated approach to the development of active reading and writing strategies for the tasks and texts students encounter in college. The course stresses the interaction among the reader, the text, and the context and one’s ability to critically respond to a variety of writing situations. The course addresses whole discourse and sentence-level matters. Students are guided to become independent readers and writers.

ENGL 75 - Reading and Writing in the Academic Disciplines (0) [4]
Prerequisite: Appropriate scores on the reading and writing placement tests (formerly EN 75)
Promotes the integrated approach to the development of active reading and writing strategies for the tasks and texts students encounter in college. The course stresses the interaction among the reader, the text, and the context and one’s ability to critically respond to a variety of writing situations. The course addresses whole discourse and sentence-level matters. Students are guided to become independent readers and writers.
### ENGL 101 - English Composition (3)

**Gen Ed English**

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<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
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Note: This web enhanced course requires completion of selected online assignments.

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

**Gen Ed English**

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

### ENGL 102 - English Composition and Literature (3)

**Gen Ed Humanities; Gen Ed Communications**

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

### ENGL 201 - British Literature Anglo-Saxon Period to the Eighteenth Century (3)

**Gen Ed Humanities**

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### ENGL 203 - American Literature Pre-Colonial through Civil War Periods (3)

**Gen Ed Humanities**

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### ENGL 205 - World Literature through 1650 C.E. (3)

**Gen Ed Humanities; Cultural Competence**

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Note: Students must also register for corresponding ENGL 100 linked (LK) section.
## ENGL 210 - Creative Writing (3)
Prerequisite: ENGL 101
(formerly EN 210)
Introduces skills of writing fiction and/or poetry and/or creative nonfiction. The complexities of creative writing as a craft and an art are explored through analysis of representative works, study of techniques, and extensive practice.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Credits</th>
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## ENGL 216 - The Short Story (3)
Gen Ed Humanities
Prerequisite: ENGL 101
(formerly EN 216)
Surveys a wide variety of short stories that explore themes relevant to life experiences. Analyzes the elements of the short story with emphasis on thematic development and relevance of the stories to life experiences in a variety of cultures and nations.

<table>
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<th>Course Code</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Credits</th>
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<td>ENGL 216 - The Short Story (3)</td>
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## ENGL 219 - Technical Writing (3)
Prerequisite: ENGL 101
(formerly EN 219)
Develops the skills necessary for effective professional communication and workplace writing. Students compose a variety of texts, including professional e-mails and letters, microblogs (social media content), web page content, informal and formal reports, graphics, and presentations.

<table>
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<th>Section</th>
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## ENGL 227 - Multiculturalism and Literature: Borders, Boundaries, and Belonging (3)
Gen Ed Humanities; Cultural Competence
Prerequisite: ENGL 101
(formerly EN 227)
Examines the diverse views of humankind and the human condition through the reading of selected works from a variety of historically underrepresented groups.

<table>
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<th>Course Code</th>
<th>Section</th>
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## ENGL 231 - English Language Studies (3)
Gen Ed Humanities
Prerequisite: ENGL 101
(formerly EN 231)
Introduces English language studies through a linguistics perspective, promoting a systematic approach to the study of language. Focuses on prescriptive versus descriptive approaches to grammar and syntax; sub-disciplines of linguistics: phonology, morphology, semantics, stylistics, discourse analysis, and sociolinguistics; English language variation, change, and development, and the role of English language in a multicultural society.

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## ENGL 231H - English Language Studies (3)
Gen Ed Humanities
Prerequisite: ENGL 101
(formerly EN 231H)
Introduces English language studies through a linguistics perspective, promoting a systematic approach to the study of language. Focuses on prescriptive versus descriptive approaches to grammar and syntax; sub-disciplines of linguistics: phonology, morphology, semantics, stylistics, discourse analysis, and sociolinguistics; English language variation, change, and development, and the role of English language in a multicultural society.

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## ENGL 241 - Journalism Publication Practicum (3)
Gen Ed Humanities; Cultural Competence; Gen Ed Communications
Prerequisite: ENGL 101
(formerly EN/CMM 241)
Provides instruction and laboratory experience in writing, editing, designing, and publishing print and digital content for The Commuter. Students receive practical experience in journalistic and social media content, curation, editing, design, photography, and digital production using industry standard software. Students will create and produce three journalistic publications per semester.

<table>
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<th>Course Code</th>
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## ENGR: Engineering

### ENGR 100 - Introduction to Engineering Design (3)
Prerequisites: ENGL 70 or ENGL 75 OR (ESOL 72 and ESOL 73) and ((MATH 165 or MA 111) or ((MATH 145 or MATH 145S or MA 130) or MA 131))
(formerly EG 100)
Develops basic concepts of engineering approaches to problem solving and the skills for the design and timely fabrication of the designed product.

<table>
<thead>
<tr>
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**Engineering Notes:**
ENGR110 - Engineering Statics offered fall semester only.
ENGR210 - Mechanics of Materials offered spring semester only.
ENGR212 - Engineering Dynamics offered spring semester only.

## ESOL: ESL (English as a Second Language)

### ESOL 70 - Academic Reading I (0) [4]
(formerly ESL 70)
Designed for students whose native language is not English, but who have a working knowledge of the English language. This course focuses on developing the strategies, vocabulary, and fluency necessary for comprehension of academic texts. Placement is based upon students' performance on the college's assessment. Students who successfully complete this course may enroll in ESOL 72: Academic Reading II.

<table>
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**Note:** All ESOL courses will require approval for Fall registration. Online registration will not be available for ESL courses.

### ESOL 71 - Academic Grammar & Writing I (0) [4]
(formerly ESL 71)
Designed for students whose native language is not English, but who have a working knowledge and understanding of the English language. Includes integrated instruction in grammar and writing with emphasis on developing the grammar proficiency for academic writing necessary for success in subsequent ESOL courses. Placement is based upon students' performance on the college's assessment. Students who successfully complete this course may enroll in ESOL 73: Academic Grammar & Writing II.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
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**Note:** All ESOL courses will require approval for Fall registration. Online registration will not be available for ESL courses.

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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.
ESOL 72 - Academic Reading II (0) [4]
Prerequisites: Placement based on the College’s assessment OR successful completion of ESOL 70
(formerly ESL 72)
Designed for students whose native language is not English, but who have advanced knowledge of
the English language. This course focuses on developing proficiency in the employment of a variety of
reading strategies and usage, and comprehension of college-level vocabulary necessary for success in
credit courses. Placement is based upon students’ performance on the college’s assessment or completion
of ESOL 70. Academic Reading I. Students who successfully complete this course and ESOL 73: Academic
Grammar & Writing II may enroll in ENGL 101: English Composition.
1405 ESOL72-1 TTH 9:00am - 10:45am 15-week
1406 ESOL72-2 MW 6:00pm - 7:55pm 13-week
Note: All ESL courses will require approval for Fall registration. Online registration will not be available for
ESL courses.

ESOL 73 - Academic Grammar & Writing II (0) [4]
Prerequisites: Placement based on the College’s assessment OR completion of ESOL 71
(formerly ESL 73)
Designed for students whose native language is not English, but who have advanced knowledge and
understanding of the English language. Includes integrated instruction in grammar and writing with an
emphasis on developing grammatical variety and sophistication for academic communication as well
as an introduction to integrating sources in academic essay writing. Placement is based upon students’
performance on the college’s assessment or successful completion of ESOL 71. Academic Grammar &
Writing I. Students who successfully complete this course and ESOL 72: Academic Reading II may enroll
in ENGL 101: English Composition.
1407 ESOL73-1 TTH 11:00am - 1:45pm 15-week
1408 ESOL73-2 TTH 6:00pm - 7:55pm 13-week
Note: All ESL courses will require approval for Fall registration. Online registration will not be available for
ESL courses.

FILM: Film & Video

FILM 101 - Introduction to Film (3)
Gen Ed Arts
Prerequisite or Co-requisite: ENGL 70 or (ESOL 70 and ESOL 71)
(formerly CMM 103)
Presents an analytical and interpretative study of film masterworks. Covers the historical development
of film from silent short movies to the present and includes an analysis of film from several perspectives:
artistic, technological, social and economic.
1909 FILM101-1 MW 9:30am - 10:45am 15-week
1119 FILM101-2 M 1:00pm - 3:30pm 15-week
2063 FILM101-3 TTH 9:30am - 10:45am 15-week
1120 FILM101-4 TTH 6:00pm - 8:35pm 1st 7 1/2-week
1121 FILM101-ONL1 ONLINE 15-week
1122 FILM101-ONL2 ONLINE 2nd 7 1/2-week

FILM 144 - Digital Video Production (4)
(formerly CMM 152)
Develops digital video production skills pertaining to camera operation, set design, studio lighting, audio
recording, video editing, and professional crew roles and responsibilities. Extensive hands-on active
learning provides an insight into set studio productions and real world applications. As a member of a
production team, students participate in the design and execution of an effective digital video production.
1131 FILM144-1C MW 9:00am - 10:40am 15-week
1132 FILM144-2C MW 1:00pm - 2:40pm 15-week
1133 FILM144-3C TTH 9:00am - 10:40am 15-week
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

FILM 244 - Digital Film Production (4)
Prerequisite: FILM 144 or CMM 152
(formerly CMM 252)
Develops digital film production skills pertaining to preproduction, production, and post production.
Extensive hands-on active learning provides an insight into script writing, budgeting, scheduling, field
production, sound design, and non-linear post production. As a member of a production team, students
will be required to create a production book, digital film, and DVD as part of their professional portfolio.
1134 FILM244-1C MW 9:00am - 10:40am 15-week $  
1135 FILM244-2C MW 1:00pm - 2:40pm 15-week $  
1136 FILM244-3C TTH 9:00am - 10:40am 15-week $
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

FILM 254 - Postproduction: The Art of Editing (4)
Prerequisite: FILM 144 or CMM 152 or FILM 244 or CMM 252
(formerly CMM 254)
Develops practical skills in digital editing through a series of demonstrations and intensive hands-on
exercises. Students will study various editing styles and philosophies while designing and completing
assigned editing projects using professional postproduction software. Effective electronic media
management and postproduction processes are emphasized.
1137 FILM254-1C TTH 1:00pm - 2:40pm 15-week $
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

FILM 255 - Advanced Postproduction & Motion Graphics (4)
Prerequisite: FILM 244
(formerly CMM 261)
Develops advanced skills in digital postproduction and motion graphics through a series of
demonstrations and intensive hands-on exercises. By studying various editing styles and philosophies,
students will design and complete assigned postproduction projects using professional software
packages.
1138 FILM255-1C TTH 1:00pm - 2:40pm 15-week $
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

FIRE: Fire Service Administration

FIRE 101 - Fire Protection Systems (3)
Prerequisite: ENGL 70 OR Prerequisites or Co-requisites: ENGL 75 or (ESOL 72 and ESOL 73)
(formerly FSA 101)
Provides information relating to the design features and operation of fire alarm systems. Design principles
involved in structural fire protection and automatic suppression systems, including fire resistance and
endurance, flame spread evaluation, smoke control, special hazard fire suppression systems, water supply
for fire protection, and evaluation of sprinkler system designs will be examined.
2261 FIRE101-1 F 8:00am - 11:00am 15-week
1825 FIRE101-2 TH 7:00pm - 10:00pm 15-week

FIRE 103 - Fire Investigation and Analysis (3)
Prerequisite: ENGL 70 OR Prerequisites or Co-requisites: ENGL 75 or (ESOL 72 and ESOL 73)
(formerly FSA 103)
Examines technical, investigative, legal, and managerial approaches to arson. Includes the fundamentals
needed for proper fire science interpretation, recognition of origin and cause, preservation and
documentation of evidence, scene security, motives of the fire setter, and types of fire causes.
1826 FIRE103-1 M 8:00am - 11:00am 15-week
2262 FIRE103-2 T 8:00am - 11:00am 15-week

FIRE 201 - Fire and Emergency Services Administration (3)
Prerequisite: FIRE 101; Prerequisite or Co-requisite: ENGL 101
(formerly FSA 201)
Introduces the student to the organization and management of a fire and emergency services
department and the relationship of government agencies to the fire service. New technologies, changing
organizational structures, personnel and equipment, municipal fire protection planning, manpower and
training, and financial management are examined. Emphasis is placed on fire and emergency service,
ethics, and leadership from the perspective of the company officer.
Note: If student is not an active firefighter, they must establish a mentor who is a FD Chief Officer.
2100 FIRE201-1 M 7:00pm - 10:00pm 15-week
2101 FIRE201-2 T 7:00pm - 10:00pm 15-week
FREN: World Languages: French

FREN101 - Introductory French I (3)
Gen Ed Humanities
(formerly LF 101)
Introduces the fundamentals of French grammar and vocabulary. Develops oral and reading skills in the language and competence in answering basic questions. Through the reading of lifelike dialogues, students gain insight into French culture, thought, and expression.
1168 FREN101-1 MW 12:30pm - 1:45pm 15-week $ 1169 FREN101-ONL1 ONLINE 15-week $  
Note: Introductory level language courses are not open to native or fluent speakers of the target language. These are beginning language courses. Students with prior language knowledge should discuss placement with the World Languages Program Manager.
$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

GEOG: Geography

GEOG 101 - Elements of Geography (3)
Gen Ed Geography
Prerequisite: ENGL 70 or ENGL 75 or ESOL 72
(formerly GG 101)
Explores elements of man’s environment and the changes resulting from natural and human agents. Includes map reading and interpretation.
1732 GEOG101-1 MW 9:30am - 10:45am 15-week

GEOG 102 - Cultural Geography (3)
Gen Ed Geography, Cultural Competence
Prerequisite: ENGL 70 or ENGL 75 or ESOL 72
(formerly GG 102)
Studies man in his regional settings, with emphasis on the interrelationships of physical and cultural phenomena.
1733 GEOG102-1 TTH 11:00am - 12:15pm 15-week
1734 GEOG102-ONL1 ONLINE 13-week

GERM: World Languages: German

GERM 102 - Introductory German II (3)
Gen Ed Humanities
Prerequisite: GERM 101
(formerly LG 102)
Continues to build upon the structures learned in GERM 101. Students will improve fluency as they learn new grammar and vocabulary. Through the reading of lifelike dialogues, students gain insight into aspects of life in German-speaking countries, thought, and expression.
2070 GERM102-HYB1 TBA 15-week $  
$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

GISA: Geographic Information Systems

GISA 101 - Introduction to Geographic Information Systems with ArcGIS (3)
(formerly GIS 101)
Introduces the principles of geospatial technologies and the use/application of Geographic Information Systems (GIS) software and data. Develops student understanding of the fundamental concepts and applications of GIS, spatial data, and GIS software packages including Esri’s ArcGIS Desktop Suite. Discusses the need for skills in data management, conversion, and compilation using GIS software and provides practice in a computer lab environment. Note: Students taking the course should be proficient with the use of personal computers in a Windows operating environment.
2179 GISA101-ONL1 ONLINE 15-week

GRPH: Graphic Design

GRPH 105 - Basic Darkroom to Digital Photography (3)
Gen Ed Arts
Prerequisite: ENGL 70 or ENGL 75 or ESOL 72 or Co-requisite: ENGL 75
(formerly CMM 105)
Explores photography as a medium for artistic expression through analysis of photographic masterworks and other forms of visual art. Examines standards of professional photography and the means by which photographic works of artistic integrity are identified and comprehended. Presents basic principles of camera work in film and digital formats. Black & white and color printing techniques are also studied. For the beginning photographer.
2069 GRPH105-1 TTH 9:30am - 12:00pm 15-week $  
Note: Students must furnish own supplies., 1st 8-weeks held at Hood College, Archaeology Lab, Tatem 228, Darkroom Tatem 301, 2nd 7-weeks held at FCC Main Campus, Room F107
$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

GRPH 111 - Graphic Design I (3)
Prerequisite: ENGL 70 OR Prerequisites or Co-requisites: ENGL 75 or (ESOL 72 and ESOL 73)
(formerly CMM 111)
Prepares the student for the print graphic design field through the use of the computer as a tool. Introduces design vocabulary, methods, and technology through lecture, examples, and hands-on project work. Emphasizes Adobe Illustrator, Adobe Photoshop, and Adobe InDesign.
1123 GRPH111-1 MW 9:30am - 10:45am 15-week $ 1124 GRPH111-2 TTH 11:00am - 12:15pm 15-week $ 1125 GRPH111-3 TTH 12:30pm - 1:45pm 15-week $ 1126 GRPH111-4 TTH 6:00pm - 7:30pm 13-week $  
$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

GRPH 112 - Graphic Design II (3)
Prerequisite: GRPH 111
(formerly CMM 112)
Emphasizes solving a variety of design problems using the computer and contemporary graphics software. Includes real world design assignments to gain experience in dealing with clients, meetings, project management, cost effectiveness, and color printing prepress. Provides an overview of the historical and functional use of design. Emphasizes intermediate design skills using the industry standard Adobe Creative Suite.
1139 GRPH112-1 MW 11:00am - 12:15pm 15-week $  
$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

GRPH 114 - Web Design I (3)
Prerequisite: ENGL 70 OR Prerequisites or Co-requisites: ENGL 75 or (ESOL 72 and ESOL 73)
(formerly CMM 114)
Prepares beginning level design for the Internet. Taught from a design perspective. Students learn software, hardware, and design principles used to produce successful web sites. Assignments include project work. Emphasizes HTML, Adobe Dreamweaver, Adobe Photoshop, and website content management systems.
1127 GRPH114-1 TH 2:00pm - 4:30pm 15-week $  
$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

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### GRPH 131 - Darkroom Photography I (4)
(Formerly CMM 131)
Provides a basic understanding of photography as a technique and craftmanship, photography in communication, as a method of expression and the scientific basis of photography. Covers the basic techniques with cameras, exposure of film, developing of film, printing, composition, light, action photography, manipulation of the image in the darkroom, basic chemistry of photography, sensitometry and color as it is seen. Students receive cameras and accessory equipment.

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<tr>
<th>Course Code</th>
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<th>Schedule</th>
<th>Delivery Method</th>
<th>Credits</th>
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<td>2256 GRPH131-2LB</td>
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<td>3:00pm - 5:35pm</td>
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*Note: Students must register for corresponding lecture (LC) and lab (LB). Class meets at Hood College, Rooms Tatem 228 and Tatem 301.

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

### GRPH 132 - Digital Photography I (3)
(Formerly CMM 132)
Designed for students interested in digital photographic processes. The class will introduce basic concepts for acquiring digital images and the process of manipulating the image through the use of a Macintosh computer with Adobe Photoshop software. Hands-on instruction with Photoshop will include making selections, cropping images, using paint and editing tools and working with color and brush palettes. A portfolio of digital photographic work will be produced by the end of the semester.

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<td>1129 GRPH132-1</td>
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<td>2038 GRPH132-3</td>
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<td>15-week</td>
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*Note: No/Low Cost Textbooks. The textbook costs for this course section are under $40.*

### HCTI 103 - Culinary II (3)
Prerequisites: (HCTI 101 or HOS 121) and (HCTI 102 or HOS 112)
(Formerly HOS 113)
Emphasizes meat, poultry, and seafood fabrication and cookery. Introduces and discusses dietary guidelines and principles of nutrition including alternative diets. Teaches methods for making various types of soups. Expands on sauce, vegetable, legume, grain, and starch cookery with demonstrations of proper plating techniques. Reinforces knife skills, recipe conversions and measurements; cooking principles and terminology; sanitation and safe food handling; and sustainability practices. Extra fees required.

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<tr>
<td>1887 HCTI103-1</td>
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<td>15-week</td>
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*Note: Class held at FCC's Monroe Center, Culinary fee: $121. Students are required to have a proper chef uniform and basic kit. Both may be purchased at the FCC Bookstore on campus.*

### HCTI 104 - Baking I (3)
Prerequisite: (MA 80 or appropriate score on mathematics placement test)
Prerequisite or Co-requisite: HOS 117, HOS 112 or current ServSafe Food Manager Certification
(Formerly HOS 114)
Provides students with the basic skills required for entry-level work in a bakery or pastry shop of a food service operation. These skills include working in a safe and sanitary manner, reading, scaling and accurately following a recipe, demonstrating proper use of terminology, tools, and equipment; preparing, baking, and evaluating cookies, cakes, breads, pastries, pies, and tarts. Beginning plating techniques, cake decorating, and dietary alternatives are explored. Extra fees required.

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<td>1680 HCTI104-1</td>
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<td>9:00am - 2:00pm</td>
<td>15-week</td>
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*Note: Class held at FCC's Monroe Center, Culinary fee: $121. Students are required to have a proper chef uniform and basic kit. Both may be purchased at the FCC Bookstore on campus.*

### HCTI 105 - Baking II (4)
Prerequisites: (HCTI 103 or HOS 121) and (HCTI 104 or HOS 114)
(Formerly HOS 214)
Builds upon learned basic skills and theories to develop proficiency in baking and pastry production. Students will further explore a range of classical and modern baking preparations for breads, doughs, cakes, custards, fillings, sauces, toppings, and pastries, and expand on recipe modifications for alternative dietary requirements. Introduces principles of chocolate work and sugar work. Explores approaches to assembling, finishing, and presenting baked goods and pastries. Extra fees required.

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<tr>
<td>1888 HCTI105-1</td>
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<td>4:30pm - 9:30pm</td>
<td>15-week</td>
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*Note: Class held at FCC's Monroe Center, Culinary fee: $121. Students are required to have a proper chef uniform and basic kit. Both may be purchased at the FCC Bookstore on campus.*

### HCTI 120 - Purchasing & Cost Control (3)
Prerequisite or Co-requisite: (HCTI 101 or HOS 121) and (HCTI 102 or HOS 112)
(Formerly HOS 123)
Examines food purchasing as a process and emphasizes the dynamics of managing the flow of food through the operation. Provides an introduction to inventory control procedures and examines factors that influence menu planning. Emphasizes establishing operating standards, monitoring actual results, and taking corrective action to account for variances. Examines variable and fixed costs, calculating components of prime costs, and provides understanding of various cost controls to optimize profitability. Introduces students to the budgeting process.

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<tbody>
<tr>
<td>1889 HCTI120-HYB1</td>
<td>T</td>
<td>6:00pm - 8:40pm</td>
<td>2nd 7 1/2-week</td>
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</tbody>
</table>

*Note: Class held at FCC's Monroe Center.*

### HCTI 150 - Introduction to Hospitality Management (3)
Prerequisites: (MA 80 or appropriate score on mathematics placement test) and (Prerequisite: ENGL 70) or (Prerequisite or Co-requisite: ENGL 75 or (ESOL 72 and ESOL 73))
(Formerly HOS 110)
Introduces students to the history of various careers in the hospitality industry. Develops an understanding of the hospitality industry by taking a management perspective in introducing students to the organization and structure of various sectors including: travel and tourism, meeting/convention and event planning, hotels, healthcare, restaurants, retail, contract food service, clubs, cruise ships, casino hotels, and more. Examines the forces and issues that are shaping the current and future hospitality industry. Topics include various aspects of hospitality operations and information on delivering excellent customer service. Students will earn certification from the American Hotel Lodging Educational Institute (AHLEI) as a Certified Guest Service Professional (CGSP®).

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<tbody>
<tr>
<td>1678 HCTI150-HYB1</td>
<td>T</td>
<td>6:00pm - 8:40pm</td>
<td>1st 7 1/2-week</td>
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</tbody>
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*Note: Class held at FCC's Monroe Center, Culinary fee: $121. Students are required to have a proper chef uniform and basic kit. Both may be purchased at the FCC Bookstore on campus.*
HCTI 155 - Event Management (3)
Prerequisite: ENGL 70 OR Prerequisites or Co-requisites: ENGL 75 or (ESOL 72 and ESOL 73) (formerly HOS 161)
Discusses and demonstrates aspects of planning and implementing an event for success. Included is a project where students will be involved in a hands-on experience of planning an event while utilizing the skills learned in class.
1890 HCTI155-HYB1 TH 6:00pm - 8:40pm 1st 7 1/2-week $  
Note: Class held at FCC’s Monroe Center  
§ Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

HCTI 160 - Hospitality Operations (3)
Prerequisites or Co-requisites: (HCTI 101 or HOS 121) and (HCTI 150 or HOS 110) (formerly HOS 163)
Learn the primary responsibilities of a hospitality manager and principles and practices involved in managing the day to day operations of a hospitality business. Topics include various aspects of hospitality operations such as classifying hotels and guests, hotel organization, front office operations, hospitality applications and systems, safety and security risks and controls, housekeeping operations, front office accounting, reading financial reports, maximizing sales, and facility maintenance.
1897 HCTI160-HYB1 T 6:00pm - 8:40pm 2nd 7 1/2-week  
Note: Class held at FCC’s Monroe Center

HCTI 200 - Garde Manger (4)
Prerequisite or Co-requisite: HCTI 103 or HOS 113 (formerly HOS 210)
Provides students with skills and knowledge in preparing food from the cold kitchen. Explores preparation of cold soups, canapés, hors d’oeuvres, forcemeat, charcuterie, garnishes, and food preservation techniques. Students will learn how to prepare display trays, platter, and buffets with emphasis on presentation design and workmanship. Develops techniques for preparation of sandwiches, salads, and dressings. Discusses categories and types of cheese, and carving techniques for decorative fruit and vegetables. Extra fees required.
1847 HCTI200-1 T 4:30pm - 9:30pm 15-week $  
Note: Class held at FCC’s Monroe Center, Culinary fee: $121. Students are required to have a proper chef uniform and basic knife kit. Both may be purchased at the FCC Bookstore on campus.  
§ Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

HCTI 220 - Food and Beverage Operations (3)
Prerequisite or Co-requisite: (HCTI 120 or HOS 123) or (HCTI 160 or HOS 163) (formerly HOS 216)
Provides an analysis of different types of food service operations, beginning with an overview of the food service segment of the hospitality industry. Detailed consideration is given to food and beverage operations; management principles and leadership styles, human resource functions, and employment laws. Examines all operational functions to include marketing, menu planning, production, service, beverage management and responsible alcohol service, sanitation and safety issues, facility design and equipment, and accounting.
1930 HCTI220-HYB1 TH 6:00pm - 8:40pm 2nd 7 1/2-week  
Note: Class held at FCC’s Monroe Center

HCTI 225 - International and American Regional Cuisine (4)
Cultural Competence
Prerequisite: HCTI 200 or HOS 210, Co-requisite: HCTI 230 (formerly HOS 240)
Provides advanced training in the preparation of International and American regional cuisines. Students will prepare recipes including meats, poultry, seafood, vegetables, and desserts, as well as explore cuisines from a cultural, geographical, religious, and historical perspective. Emphasis is placed on flavor profiles and cooking techniques associated with regions and their international influence. Introduction to wine varietals from around the world, distillation, and fermentation of beverages. Extra fees required.
2164 HCTI225-1 W 9:00am - 2:00pm 15-week  
Note: Class held at FCC’s Monroe Center  
Culinary fee: $121. Students are required to have a proper chef uniform and basic knife kit. Both may be purchased at the FCC Bookstore on campus.  
§ Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

HCTI 230 - Restaurant Production and Service (4)
Prerequisite: (HCTI 160 or HOS 163) or (HCTI 200 or HOS 210) (formerly HOS 250)
Provides the capstone student experience of applying learned knowledge and skills in an operational restaurant setting. Students rotate through the dining room and kitchen in this intensive course. Front-of-the-House students train and carry out dining room rules of service from set-up to closing. Back-of-the-House students learn brigade station responsibilities of a la carte preparation, cooking, and plating techniques. All students work together applying communication, problem solving, and time management skills to provide quality customer service to guests. Students develop a food service concept to include all key operational elements. Extra fees required.
2165 HCTI230-1 TH 2:30pm - 9:30pm 15-week  
Class held at FCC’s Monroe Center, Culinary fee: $121. Students are required to have a proper chef uniform and basic knife kit. Both may be purchased at the FCC Bookstore on campus.  
§ Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

HCTI 255 - Applied Hospitality Management (3)
Prerequisite or Co-requisite: HCTI 160 or HOS 163 (formerly HOS 261)
Provides leadership and management tools in the hospitality industry to enhance guest service and profitability by introducing students to topics such as managing organizational change, traditional management roles and styles versus leadership in the twenty-first century, quality management, continuous improvement, power and empowerment, communication skills, goal setting and coaching, high-performance teams, diversity, strategic career planning, and ethics.
2023 HCTI255-HYB1 M 6:00pm - 8:40pm 1st 7 1/2-week  
Note: Class held at FCC’s Monroe Center

HCTI 260 - Hospitality Business Analysis (3)
Prerequisite or Co-requisite: HCTI 255 or HOS 261 (formerly HOS 263)
Explores a new, multidisciplinary approach to business analysis that utilizes revenue management, blending together elements of marketing, operations, and finance management. Students will learn the various components of revenue management, and how to use them when performing business analyses and recommending business enhancements.
2166 HCTI260-HYB1 M 6:00pm - 8:40pm 2nd 7 1/2-week  
HCTI 265 - HCTI Practicum (1)
Prerequisite or Co-requisite: (HCTI 103 or HOS 113) or (HCTI 255 or HOS 261) (formerly HOS 265)
Provides leadership and management tools in the hospitality industry to enhance guest service and profitability. Topics include managing organizational change, traditional management roles and styles versus leadership quality management, continuous improvement, power and empowerment, communication skills, goal setting and coaching, high-performance teams, diversity, strategic career planning, and ethics.
2235 HCTI265-1 TBA 15-week  

HIST: History

HIST 101 - History of Western Civilization I (3)
Gen Ed History
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) (formerly HI 101)
Examines the ancient Greeks and Romans, the rise and development of Christianity, the medieval period, and the Renaissance. This course, which focuses on the significant political, economic, social, cultural, and religious developments, is a survey of Western Civilization from its foundation through 1500.
1735 HIST101-1 MW 8:00am - 9:15am 15-week  
1736 HIST101-2 TH 11:00am - 12:15pm 15-week  
1737 HIST101-ONL ONLINE 13-week  

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HIST 102 - History of Western Civilization II (3)
Gen Ed History
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly HI 102)
Examines the Reformation, Absolutism, the Enlightenment, the political revolutions of the eighteenth
century, the Industrial Revolution, imperialism, nationalism, fascism, the World Wars, the Cold War,
and globalization. This course, which focuses on the significant political, economic, social, cultural,
and religious developments, is a survey of Western Civilization from 1500 through the present.

1738 HIST102-1 TTH 11:00am - 12:15pm 15-week
1739 HIST102-WE1 TTH 2:00pm - 3:15pm 13-week
Note: This web enhanced course requires completion of selected online assignments.

HIST 121 - World History I (3)
Gen Ed History; Cultural Competence
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly HI 121)
Examines the rise and development of agriculture, the development of primary states, secondary states
and empires, and the origin and spread of monotheistic culture. This course is a survey of World History
from its foundation through 1500.

2073 HIST121-1 TTH 12:30pm - 1:45pm 15-week

HIST 201 - History of the United States I (3)
Gen Ed History
Prerequisite or Co-requisite: ENGL 101
(formerly HI 201)
Examines colonial America, the American Revolution, the Constitution, the federal period, sectional
conflict, and the Civil War. This period lays the foundation of the American experiment and includes the
study of political, constitutional, economic, social, and cultural trends from the founding to 1865.

1741 HIST201-1 MW 12:30pm - 1:45pm 15-week
1745 HIST201-2 W 6:00pm - 8:35pm 15-week
1740 HIST201-WE1 MW 9:30am - 10:45am 13-week
Note: This web enhanced course requires completion of selected online assignments.

1742 HIST201-ONL1 ONLINE 15-week $ Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

HIST 202 - History of the United States II (3)
Gen Ed History
Prerequisite or Co-requisite: ENGL 101
(formerly HI 202)
Examines industrialization, progressivism, World War I, the Twenties, the Depression, the New Deal, World
War II, the Cold War, and post-war America. This course emphasizes America’s rise to a world power
and includes the study of political, constitutional, economic, social, and cultural trends from 1865 to the
present.

1743 HIST202-1 MW 11:00am - 12:15pm 15-week
1744 HIST202-2 TTH 3:30pm - 6:00pm 2nd 7 1/2-week

HIST 212 - Civil War (3)
Prerequisite or Co-requisite: ENGL 101
(formerly HI 212)
Examines the causes of the Civil War, the constitutional crisis confronting the Union, the conduct of the
war by both the Union and Confederacy, the economic and social conditions of the homefront, the status
and condition of African Americans and the wartime origins of Reconstruction.

1950 HIST212-1 T 6:00pm - 8:35pm 15-week

HIST 217 - African-American History (3)
Gen Ed History; Cultural Competence
Prerequisite or Co-requisite: ENGL 101
(formerly HI 217)
Surveys African-American history from the arrival of the first Africans in 1619 to the present. Includes the
major economic, political, and social forces that have helped shape the role of the African American in
the history of America.

1827 HIST217-1 TTH 11:00am - 12:15pm 15-week

HLTH: Health Education

HLTH 100 - Stress Management Techniques (1)
(formerly HE 115)
Introduces the basic concepts of stress management and focuses on coping strategies and techniques
to reduce stress.

2246 HLTH100-1 F 9:30am - 11:30am 2nd 7 1/2-week

HLTH 150 - Health Education (3)
Gen Ed Wellness
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75
(formerly HE 204)
Covers basic areas of health, including mental health, fitness, nutrition, weight control, sexual health,
drugs and alcohol, disease and consumer and environmental health.

1020 HLTH150-1 MW 12:30pm - 1:45pm 15-week
1021 HLTH150-2 TTH 9:30am - 10:45am 15-week
1022 HLTH150-3 TTH 11:00am - 12:15pm 15-week
2077 HLTH150-HYB1 TH 9:30am - 10:50am 1st 7 1/2-week
1018 HLTH150-ONL1 ONLINE 15-week
1019 HLTH150-ONL2 ONLINE 15-week

HLTH 160 - Stress Management (3)
(formerly HE 201)
Examines current theories regarding the nature and sources of stress in life. Students are introduced to the
physiology and psychology of stress. A variety of stress management techniques and coping strategies
are explored.

1013 HLTH160-1 MW 11:00am - 12:15pm 15-week
1015 HLTH160-2 TTH 12:30pm - 1:45pm 15-week
1016 HLTH160-3 TTH 2:00pm - 3:15pm 15-week
1014 HLTH160-4 W 9:30am - 12:00pm 15-week
1017 HLTH160-5 T 5:00pm - 7:35pm 15-week

HONR: Honors

Many courses available at Frederick Community College (FCC) are offered in an honors format.
The courses have the same approved core learning outcomes and content requirements as
regular courses. Honors courses are smaller, emphasize critical thinking/research projects, and
typically stress a high level of reading, writing, and discussion. In addition to prerequisites listed
for the individual honors courses, prerequisites for all honors courses include testing placement
or the recommendation of a faculty member or the student’s advisor. Course descriptions and
prerequisites for courses being offered in a given semester are listed under their academic area in
this catalog.

Note: Honors contracts are available for numerous other courses at FCC. Contact the Honors Coordinator
(bthompson@frederick.edu) for information and an application.

ACCE 110H - Academic Engagement Seminar (3)
Gen Ed Emerging Issues; Cultural Competence
Prerequisite or Co-requisite: ENGL 70 or ENGL 75 OR (ESOL 72 and ESOL 71) OR (ESOL 72 and ESOL 73)
(formerly ACE 101)
Introduces first-year students to current, real-world issues as they advance their critical thinking,
communication, and research skills. Students will explore questions of local, national, and global
significance through multicultural contexts, while building relationships with their classmates, instructor,
and other college personnel. Additionally, students will use campus resources and co-curricular events to
enhance their educational experience and foster their college success.

1972 ACCE110H-1C MW 9:30am - 10:45am 1st 7 1/2-week
2079 ACCE110H-2C MW 9:30am - 10:45am 3rd 7 1/2-week
COMM 103H - Public Speaking (3)
Gen Ed Communications
Prerequisite: ENGL 70 or ENGL 75 or ESOL 72 or Co-requisite: ENGL 75
(formerly CMSP 103)
Emphasizes the attainment of understanding and skill in public speaking. Assignments require analyzing the audience, researching, organizing, outlining, supporting and delivering a variety of extemporaneous speeches.
1149 COMM103H-1  TTH  11:00am - 12:15pm  15-week  $  
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

ECON 201H - Principles of Macroeconomics (3)
Gen Ed Economics
Prerequisite or Co-requisite: ENGL 101 and (Any credit math course or appropriate score on mathematics placement test) (formerly EC 201)
Explores concepts of macroeconomics including national accounts, national income analysis, unemployment, inflation, and business cycles, along with fiscal and monetary policies and the monetary system with an essentially macro-economic approach.
2000 ECON201H-1  TTH  12:30pm - 1:45pm  15-week  $  
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

EDPS 210H - Human Growth and Development (3)
Gen Ed Education
Prerequisite or Co-requisite: ENGL 101
(formerly ED/PS 208)
Presents central concepts related to parameters of human development through the life span. Includes physical, social, emotional and mental development at the various stages of life. Considers the influence of culture as well as individual differences.
2230 EDPS210H-1  TTH  2:00pm - 3:15pm  15-week  $  
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

ENGL 101H - English Composition (3)
Gen Ed English
Prerequisites: (ENGL 70 or ENGL 75) or (ESOL 72 and ESOL 73) or (satisfactory performance on the writing assessment and satisfactory performance on the reading assessment) (formerly EN 101)
develops students’ ability to use writing, reading, research, and thinking processes to create documented essays that demonstrate the conventions of academic writing.
1383 ENGL101H-1  MW  9:30am - 10:45am  15-week  $  
1384 ENGL101H-2  MW  12:30pm - 1:45pm  15-week  $  
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

ENGL 231H - English Language Studies (3)
Gen Ed Humanities
Prerequisite: ENGL 101
(formerly EN 231)
Introduces English language studies through a linguistics perspective, promoting a systematic approach to the study of language. Focuses on prescriptive versus descriptive approaches to grammar and syntax; sub-disciplines of linguistics: phonology, morphology, semantics, stylistics, discourse analysis, and sociolinguistics; English language variation, change, and development, and the role of English language in a multiculturality.
1402 ENGL231H-ONLC  ONLINE  15-week

HONR 201 - Honors Applied Leadership & Research (3)
Prerequisite: Permission of Honors Coordinator
(formerly ACE 201H)
Provides returning Honors students with the opportunity to serve as peer mentors or leaders of first-year Honors students as they explore current, real-world issues and further advance their critical thinking, communication, and research skills. Students will develop and explore questions of local, national, and global significance through multicultural contexts while building relationships with the instructor, classmates, and other college personnel. Students will refine research and presentation skills in preparation for academic conferences.
2080 HONR201-1C  MW  2:00pm - 3:15pm  15-week  $  
2081 HONR201-2C  TTH  9:30am - 10:45am  13-week  $  
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

PHSC 104H - Survey of Oceanography (3)
Gen Ed Science
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101/MATH 101A or MA 103/MA103A or MATH 110 or MA 105 or MATH 120/MATH 120A or MA206/MA206A or MATH 127 or MA 207 or appropriate score on mathematics placement test) (formerly PC 104)
Provides a study of the ocean as a dynamic and changing entity. Emphasizes connections among disciplines in and outside the areas of science. Provides a basic understanding of scientific questions, complexities and uncertainties involved with the study and use of oceans.
2153 PHSC104H-1  MW  9:30am - 10:45am  15-week  $  
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

HUMN: Humanities

HUMN 104 - Humanities in a Digital World (3)
Gen Ed Humanities
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR (satisfactory performance on the writing assessment and satisfactory performance on the reading assessment) (formerly HU 104)
Introduces tools, such as Instagram and other storytelling platforms and digital mapping, that are transforming the study of the humanities. It also explores digital and social media (tweets, Facebook posts, blogs, computer games, etc.) as cultural artifacts. The course is project-based and equips students to apply digital tools and techniques to a variety of disciplines including English, History, Philosophy, and Social Sciences.
1905 HUMN104-HYB1  M  12:30pm - 1:45pm  15-week  $  
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

HUMN 105 - Cultural Studies: Latin America (3)
Gen Ed Humanities; Cultural Competence
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR (satisfactory performance on the writing assessment and satisfactory performance on the reading assessment) (formerly HU 105)
Introduces the cultural traditions of Latin America focusing on the art, literature, dance, music, theater, and film of Mesa, Central, and South America as well as the Caribbean.
2072 HUMN105-HYB1  W  12:30pm - 1:45pm  15-week  $  
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

HUMN 204 - World Religions (3)
Gen Ed Humanities; Cultural Competence
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75
(formerly PH 204)
Explores the spiritual practices, symbols, myths, and beliefs of indigenous, eastern, and Abrahamic faiths, as well as those of some emerging religious movements such as Scientology. Students will also examine the impact of religion on human culture.
1245 HUMN204-1  MW  2:00pm - 3:15pm  15-week  $  
1244 HUMN204-WE1  MW  9:30am - 10:45am  13-week  $  
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

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

HUMS 223 - Classical Mythology (3)
Gen Ed Humanities
(formerly HU 210)
Surveys Greek and Roman mythology, emphasizing the impact it has had on Western literature, art, music and human culture throughout the ages. Attention will also be paid to the sites of the ancient world that have gained special significance through these myths.

1746 HUMS102-1 MWF 9:30am - 10:45am 15-week
1747 HUMS102-2 MW 12:30pm - 1:45pm 15-week
1748 HUMS102-3 MW 3:30pm - 6:00pm 1st 7 1/2-week
1749 HUMS102-4 TTH 8:00am - 9:15am 15-week
1751 HUMS102-5 TTH 12:30pm - 1:45pm 15-week
1752 HUMS102-6 TTH 2:00pm - 3:15pm 15-week
1753 HUMS102-7 SAT 9:00am - 1:40pm 2nd 7 1/2-week
1750 HUMS102-WE1 TTH 9:30am - 10:45am 13-week
Note: This web enhanced course requires completion of selected online assignments:

1754 HUMS102-ONL1 ONLINE 15-week
2119 HUMS102-ONL2 ONLINE 15-week

HUMS 103 - Introduction to Social Work and the Human Services (4)
(formerly HS 103)
Surveys the philosophies of the field of social work and all of the human services. Examines the historical and theoretical approaches to the understanding of social work and the agencies that deal with delivery of services to members of society. Includes the interrelationship of human services and examines the knowledge, values and skills of the helping process. Particular emphasis is placed on the concept of human diversity and the impact of oppression and discrimination. This course will highlight the human needs that social workers address across the life span with particular emphasis on the needs of older adults.

1755 HUMS103-1 MW 12:30pm - 1:45pm 15-week
1756 HUMS103-2 M 5:30pm - 8:00pm 15-week

HUMS 203 - Introduction to Counseling and Interviewing (3)
(formerly HS 203)
Prepares students to work in the mental health field with an overview of counseling, the helping process, and various helping behaviors.

1757 HUMS203-1 TTH 2:00pm - 3:15pm 15-week

HUMS 204 - Ethics and Practice Issues in the Human Services and Addiction Counseling (3)
(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.

2249 HUMN223-1 W 6:00pm - 8:35pm 15-week

HUMS 207 - Theory and Practice of Group Counseling (3)
(formerly HS 207)
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.

2233 HUMS207-HYB1 T 12:30pm - 2:30pm 15-week

INTP: American Sign Language Interpreting

INTP 112 - Foundations of Interpreting (3)
(formerly ITR 112)
Introduces students to the theory and application of the interpreting process. Students will practice receptive skills and process tasks needed for interpretation. Focus will primarily be on intralingual language exercises including shadowing, prediction and anticipation, memory enhancement, text analysis for goal and main points, and paraphrasing. Process models and descriptions will be covered and application will be provided to observed interpretations. Exercises will be conducted in both English and ASL. The goal of the course is to develop cognitive processing skills involved in the interpreting process.

2085 INTP112-1 MW 6:00pm - 7:15pm 15-week

INTP 114 - Consecutive Interpreting (3)
(formerly ITR 114)
Develops consecutive interpreting skills and prepares students for the simultaneous interpreting process. Students will compare ASL and English semantic/syntactic structures to the consecutive interpreting process. Focus in the course will be on source and target text analysis, vocabulary expansion, and interpreting process skill development.

2250 INTP114-1 TTH 11:00am - 12:15pm 15-week

INTP 212 - ASL to English Interpreting I (3)
(formerly ITR 212)
Focuses on the process of interpretation, provides practice of requisite skills and process tasks and applies skills and interpreting theory to the translation process. The course of study focuses on lexical development, syntactical language comparisons, voice production techniques, text/discourse/interpreting process analysis, semantic mapping, and diagnostic assessment.

2032 INTP212-1 T 6:00pm - 8:35pm 15-week

INTP 214 - English to ASL Interpreting I (3)
(formerly ITR 214)
Provides in-depth study and practice of ASL/English interpretation through the understanding and use of the simultaneous mode of interpreting. Provides techniques of translating the source language, English to the target, and American Sign Language (ASL) in a simultaneous manner.

2033 INTP214-1 M 6:00pm - 8:35pm 15-week

INTP 216 - Transliterating I (3)
(formerly ITR 216)
Covers the process of transliterating. The process moves along a continuum from ASL to a signed form of English. Specific subtasks are isolated in order to focus on transliterating skill development, enhancing component skills, and incorporating ASL features. These skills are integrated into the performance of beginning to intermediate tasks.

2034 INTP216-1 W 6:00pm - 8:35pm 15-week
### LGST: Legal Studies

**LGST 100 - Introduction to Law (3)**

Prerequisite: ENGL 70 OR (Prerequisite or Co-requisite: ENGL 75 OR ESL 72 and ESL 73) AND Co-requisite: LGST 106 (formerly LA 100)

Presents an overview of the legal profession. Provides detailed introduction to the structure and function of the American Legal System, law office management, standard operating procedures and systems.

**LGST 101 - Ethics for the Legal Professional (3)**

Prerequisite or Co-requisite: LGST 100 (formerly LA 103)

Concentrates on the ethical responsibilities that have been established by statutes, courts decisions, court rules, and professional associations affecting legal assistants/paralegals and lawyers. Includes conflict of interest, confidentiality, competence, solicitation, fees and billing, obligations of attorneys to clients, and protection of client funds. Covers the nature of supervision in order to avoid unauthorized practice of law.

**LGST 102 - Introduction to Law (3)**

Prerequisite: ENGL 101; Prerequisite or Co-requisite: LGST 100

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.

**LGST 103 - 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.

**LGST 104 - Legal Research (3)**

Prerequisites or Co-requisites: LGST 100 and ENGL 101 (formerly LA 105)

Covers the fundamental principles of research; causes of action, defenses, and remedies. Develops the skills necessary to investigate and evaluate tort claims. Includes tort litigation procedures and documents.

**LGST 105 - Torts (3)**

Prerequisites or Co-requisites: LGST 100 and ENGL 101 (formerly LA 105)

Covers the fundamental principles of tort law: intentional torts, negligence, and strict liability. Examines causes of action, defenses, and remedies. Develops skills necessary to investigate and evaluate tort claims. Includes tort litigation procedures and documents.

**LGST 106 - Technology for the Legal Profession (3)**

Prerequisite: 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.

**LGST 200 - Legal Research (3)**

Prerequisite: ENGL 101; Prerequisite or Co-requisite: LGST 100 (formerly LA 200 and LA 110)

Offers working knowledge of techniques of legal research. Examines various sources of law and types of research tools. Emphasizes 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. Analyzes cases, statutes, and report findings. Stresses proper citation format.

**LGST 205 - Legal Writing (3)**

Prerequisites: ENGL 101 and (LGST 200 or LA 110) (formerly LA 205 and LA 120)

Offers working knowledge of techniques of legal writing in the preparation of a variety of legal documents such as legal correspondence, briefs, memoranda, and pleadings. Incorporates analysis and synthesis of research to draft legal documents. Emphasizes the importance of proper format and citation.

### LATN: World Languages: Latin

**LATN 101 - Introductory Latin I (3)**

Gen Ed Humanities  
(formerly LL 101)

Introduces classical Latin language. Presents the study of Latin grammar and vocabulary with the goal of developing reading skills in the language. Offers insight into Roman literature, thought and expression through the reading of Latin sentences and passages derived from ancient authors.

1170 LATN101-1  
T 5:30pm - 8:05pm  
15-week

Note: Introductory level language courses are not open to native or fluent speakers of the target language. 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.

### INTR: Internship

Provides the student with an opportunity to gain knowledge and skills from a planned work experience in the student’s chosen career field. In addition to meeting Core Learning Outcomes, jointly developed Specific Learning Outcomes are selected and evaluated by the Faculty Internship Advisor, Work-Site Supervisor, and the student. Internship placements are directly related to the student’s program of study and provide learning experiences not available in the classroom setting. Internships provide entry-level, career-related experiences, and workplace competencies that employers value when hiring new employees. Internships may also be used as an opportunity to explore career fields. Students must meet with the Internship Coordinator prior to registering.

**INTR 101 - Internship (1)**

1806 INTR101-1  
TBA  
15-week

1848 INTR101-2  
TBA  
2nd 10-week

1849 INTR101-3  
TBA  
13-week

1850 INTR101-4  
TBA  
2nd 7 1/2-week

**INTR 102 - Internship (2)**

1807 INTR102-1  
TBA  
15-week

2258 INTR102-2  
TBA  
2nd 10-week

1852 INTR102-3  
TBA  
13-week

1854 INTR102-4  
TBA  
2nd 7 1/2-week

2050 INTR102-5  
TBA  
1st 7 1/2-week

2018 INTR102-HS  
TBA  
15-week

Note: Human Services students only

**INTR 103 - Internship (3)**

1899 INTR103-1  
TBA  
15-week

1900 INTR103-2  
TBA  
2nd 10-week

1901 INTR103-3  
TBA  
13-week

1903 INTR103-4  
TBA  
2nd 7 1/2-week

2048 INTR103-5  
TBA  
1st 7 1/2-week

1996 INTR103-6  
TBA  
1st 10-week

1898 INTR103-EMS1  
TBA  
15-week

Note: Emergency Management students only

1969 INTR103-HS  
TBA  
15-week

Note: Human Services students only
MATH 101 - Foundations of Mathematics (3)
Gen Ed Math
Prerequisites: MA 81 or Math 67 or MA 83 or appropriate score on mathematics placement test (formerly MA 103)
Provides a comprehensive, conceptually-based background in elementary mathematics. Topics include historical development of numeral systems, decimal notation, arithmetic algorithms in decimal and other bases, elementary set theory and number theory. Intended for early childhood and elementary education students, or other non-STEM majors, who need a general course in problem-solving strategies, numeracy, and the real number system.

1851 MATH110-1 MW 11:00am - 12:40pm 15-week
1852 MATH110-2 TTH 11:00am - 12:15pm 15-week
1853 MATH110-3 MW 12:00pm - 1:40pm 15-week
1854 MATH110-4 TTH 11:00am - 12:15pm 15-week
1256 MATH110-1 MA 6:00pm - 8:35pm 15-week
1260 MATH110-ONL1 ONLINE 15-week

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

MATH 101A - Foundations of Mathematics (3)
Gen Ed Math
Prerequisites: Grade of B or better in MA 80 or appropriate score on mathematics placement test AND placement in ENGL 70 or ESL 70 or higher (formerly MA 103A)
Provides a comprehensive, conceptually-based background in elementary mathematics. Topics include historical development of numeral systems, decimal notation, arithmetic algorithms in decimal and other bases, elementary set theory and number theory. Intended for early childhood and elementary education students, or other non-STEM majors, who need a general course in problem-solving strategies, numeracy, and the real number system.

1865 MATH101A-1 TTH 9:30am - 10:45am 15-week $Note: Students registering for MATH 101A in the 15-week session must also register for MATH A - Instruction with Algebra in the 15-week session.
1261 MATH101A-2 TTH 11:00am - 12:15pm 13-week $Note: Students registering for MATH 101A in the 13-week session must also register for MATH A - Instruction with Algebra in the 13-week session. This web enhanced course requires completion of selected online assignments.
1866 MATH101A-3 MTWT 9:30am - 10:45am 15-week $Note: Students registering for MATH 101A in the 15-week session must also register for MATH A - Instruction with Algebra in the 15-week session.
1932 MATH101A-4 TTH 6:00pm - 8:10pm 15-week
1866 MATH101A-5 TTH 8:00am - 9:15am 15-week $Note: Students registering for MATH 101A in the 15-week session must also register for MATH A - Instruction with Algebra in the 15-week session. This web enhanced course requires completion of selected online assignments.

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

MATH 101A - Preparation for College Mathematics (0) [2]
Prerequisite or Co-requisite: ENGL 70 or ENGL 75 or ESL 70 or ESL 72
Develops foundational math skills needed for college math courses such as MATH 101A Foundations of Math with Algebra, MATH 120A Statistics with Algebra, or MATH 145S College Algebra with Algebraic Support. Topics include whole numbers, factors, fractions, decimals, percentages, signed numbers, introduction to data analysis and statistics, and basic Algebra skills such as working with variables and evaluating variable expressions. Further topics may include solving and graphing linear equations, exponents, and polynomials. Technology is integrated with traditional skill practice throughout the course.

2222 MATH50-1 MW 8:00am - 9:50am 15-week
1967 MATH67-1 TTH 9:30am - 10:50am 15-week
1973 MATH67-ONL1 ONLINE 15-week

MATH 67 - Educator Preparation in Mathematics (0) [2]
Prerequisites: (Placement in ENGL 70 or ESL 70 or higher on the reading placement test) AND (Grade of B or better in MA 80 or appropriate score on the mathematics placement test)
Develops introductory Algebra skills. Topics include real numbers, algebraic expressions, solving and graphing equations, exponents, factoring polynomials, and functions. Technology and PRAXIS preparation are integrated with traditional skill practice throughout the course.

1928 MATH67-1 TTH 9:30am - 10:50am 15-week
1929 MATH67-2 TTH 11:00am - 12:50pm 15-week
1930 MATH67-3 MW 11:00am - 12:50pm 15-week
1931 MATH67-4 M 10:00am - 11:50am 15-week
1932 MATH67-A SAG 11:00am - 12:15pm 15-week

$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.
MATH 120 - Statistics (3)
Gen Ed Math
Prerequisite: Grade of C or better in MA 81 or equivalent or appropriate score on mathematics placement test
(formerly MA 206)
Introduces non-calculus statistics. Topics include descriptive analysis and treatment of data, probability, statistical inference, linear regression and correlation, and chi-square tests and non-parametric tests.
1281 MATH120-1  MW  8:00am - 9:15am  15-week
1935 MATH120-2  MW  9:30am - 10:45am  15-week
1282 MATH120-3  MW  9:30am - 10:45am  15-week
1284 MATH120-4  MW  11:00am - 12:15pm  15-week
1285 MATH120-5  MW  12:30pm - 1:45pm  15-week
1286 MATH120-6  MW  2:00pm - 3:15pm  15-week
1287 MATH120-7  TTh  8:00am - 9:15am  15-week
2156 MATH120-8  TTh  9:30am - 10:45am  15-week
2157 MATH120-9  TTh  11:00am - 12:15pm  15-week
1843 MATH120-10  TTh  2:00pm - 3:15pm  15-week
1288 MATH120-11  TTh  3:30pm - 4:45pm  15-week
1289 MATH120-12  F  11:00am - 1:35pm  15-week
2006 MATH120-13  M  6:00pm - 8:35pm  15-week
1290 MATH120-14  W  6:00pm - 8:35pm  15-week
1994 MATH120-WE1  MW  12:30pm - 1:45pm  13-week
1869 MATH120-WE2  TTh  9:30am - 10:45am  13-week
1283 MATH120-WE3  TTh  11:00am - 12:15pm  13-week
2116 MATH120-WE4  TTh  12:30pm - 1:45pm  13-week
1291 MATH120-ONL1  ONLINE  15-week
$1933 MATH120-ONL2  ONLINE  15-week
$Note: This web enhanced course requires completion of selected online assignments.
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

MATH 120A - Statistics (3)
Gen Ed Math
Prerequisites: Grade of B or better in MA 81 or MATH 50 or equivalent or appropriate score on mathematics placement test
(formerly MA 206A)
Combines an introductory non-calculus statistics course with topics from Algebra. Topics of Algebra include linear equations and inequalities, and graphing and modeling functions. Topics of Statistics include descriptive analysis and treatment of data, probability, statistical inference, linear regression and correlation, chi-square tests, and non-parametric tests. Students can only receive credit for one of the following: MATH 120 or MATH 120A.
1293 MATH120A-1  MTWT  9:30am - 10:35am  15-week
2007 MATH120A-2  MTWT  11:00am - 12:05pm  15-week
1294 MATH120A-3  MTWT  11:00am - 12:15pm  15-week
1296 MATH120A-4  MTWT  2:00pm - 3:05pm  15-week
1870 MATH120A-5  MW  6:00pm - 8:10pm  15-week
1297 MATH120A-6  TTh  6:00pm - 8:10pm  15-week
1292 MATH120A-HYB1  MW  8:00am - 9:15am  15-week
$2158 MATH120A-HYB2  MW  12:30pm - 1:45pm  15-week
$Note: Students registering for MATH 120A in the 15-week session must also register for MATH A - Instruction with Algebra in the 15-week session.
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.
1295 MATH120A-WE1  MTWT  12:30pm - 1:45pm  13-week
Note: This web enhanced course requires completion of selected online assignments.

MATH 125 - Business Statistics (3)
Gen Ed Math
Prerequisites: (MA 81 or MATH 67 or MA 83 or equivalent or appropriate score on mathematics placement test) and (CMS 101 or CMS 111E or CS 116E) and (placement in ENGL 70 or ESL 70 or higher on the reading placement test)
(formerly BU/MA 205)
Introduces non-calculus statistics for business using spreadsheets. Topics include descriptive analysis and treatment of data, probability, statistical inference, linear regression and correlation, and chi-square tests and non-parametric tests.
1931 MATH125-1  MW  12:30pm - 1:45pm  15-week
1280 MATH125-2  TTh  9:30am - 10:45am  15-week
1839 MATH125-ONL1  ONLINE  15-week

MATH 127 - Statistics with Probability (4)
Gen Ed Math
Prerequisite: Grade of C or better in MA 81 or equivalent or appropriate score on mathematics placement test
(formerly MA 207)
Introduces non-calculus statistics with additional topics in elementary probability. Statistical topics include descriptive analysis and treatment of data, statistical inference, linear regression and correlation, and chi-square tests. Topics from Elementary Probability include basic event and outcome concepts, fundamental rules of probability, random variables and their distributions, and expectation. Practical applications of the course concepts are explored through team projects. Students may not earn credit for both MATH 127 and MATH 120/MATH 120A.
1299 MATH127-1  MW  11:00am - 12:40pm  15-week
$2159 MATH127-2  MW  1:00pm - 2:40pm  15-week
$1300 MATH127-3  TTh  1:00pm - 2:40pm  15-week
1301 MATH127-HYB1  M  5:00pm - 6:40pm  15-week
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

MATH 145 - College Algebra (3)
Gen Ed Math
Prerequisite: Grade of B or better in MA 81 or equivalent or appropriate score on mathematics placement test
(formerly MA 130)
Includes a study of function behavior, composition, and inverse using linear, polynomial, rational, and radical functions, definition and analysis of exponential and logarithmic functions, complex numbers, formulae of midpoint, and distance and average rate of change.
1270 MATH145-1  MW  8:00am - 9:15am  15-week
1271 MATH145-2  MW  9:30am - 10:45am  15-week
1272 MATH145-3  MW  11:00am - 12:15pm  15-week
1983 MATH145-4  MW  12:30pm - 1:45pm  15-week
1273 MATH145-5  MW  2:00pm - 3:15pm  15-week
1274 MATH145-6  MW  3:30pm - 4:45pm  15-week
1275 MATH145-7  TTh  9:30am - 10:45am  15-week
2160 MATH145-8  TTh  11:00am - 12:15pm  15-week
2005 MATH145-9  TTh  12:30pm - 1:45pm  15-week
2161 MATH145-10  TTh  2:00pm - 3:15pm  15-week
2162 MATH145-11  TTh  2:00pm - 3:15pm  15-week
1277 MATH145-12  SAT  9:00am - 11:55am  15-week
1276 MATH145-13  TTh  5:00pm - 6:40pm  13-week
1842 MATH145-WE1  MW  11:00am - 12:15pm  13-week
Note: This web enhanced course requires completion of selected online assignments.
1995 MATH145-ONL1  ONLINE  15-week

MATHA - Instruction with Algebra (0) [2]
(formerly MA A)
Supplements MATH 101A and MATH 120A.
1298 MATHA-1  ASG  -  15-week
Note: Students registering for MATH 101A or MATH 120A in the 15-week session must also register for MATH A in the 15-week session.
1997 MATHA-2  ASG  -  13-week
Note: Students registering for MATH 101A or MATH 120A in the 13-week session must also register for MATH A in the 13-week session.
MATH 145S - College Algebra (3)

Gen Ed Math
Prerequisite: Grade of B or better in MA 82 or MATH 50 appropriate score on mathematics placement test (formerly MA 130S)
Combines College Algebra with topics from Introductory and Intermediate Algebra. Introductory and Intermediate Algebra topics include linear equations, absolute value, quadratic functions, exponential functions, and polynomial functions with an emphasis on functions, graphing, and modeling. College Algebra topics extend Intro/Intermediate topics to include a study of function behavior, composition, and inverse using linear, polynomial, rational and radical functions; definition and analysis of exponential and logarithmic functions, and complex numbers.

2001 MATH145S-1 MTWT 9:30am - 10:45am 15-week
2002 MATH145S-2 MTWT 1:00pm - 2:15pm 15-week
2003 MATH145S-3 TTH 6:00pm - 8:35pm 15-week

Note: Students registering for MATH 145S must also register for MATH S.

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

2004 MATHS-1 ASG - 15-week

MATH 165 - Precalculus (4)

Gen Ed Math
Prerequisite: Grade of B or better in MA 82 or MA 85 OR Grade of C or better in MATH 145 or MATH 145S or MA 130 or MA 130S OR appropriate score on the mathematics placement test (formerly MA 111)
Includes topics from college algebra and trigonometry with a graphing approach such as right triangle trigonometry, circular trigonometric functions, inverse trigonometric functions, exponential functions, power functions, logarithmic functions, and polynomial functions and their zeros.

1263 MATH165-1 MW 9:00am - 10:40am 15-week
1264 MATH165-2 MW 10:50am - 12:30pm 15-week
1265 MATH165-3 MW 1:00pm - 2:40pm 15-week
1266 MATH165-4 MW 2:50pm - 4:30pm 15-week
1267 MATH165-5 TTH 6:00pm - 8:35pm 15-week
1268 MATH165-6 MW 9:00am - 10:40am 15-week
1269 MATH165-ONL1-online 15-week

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

MATH 175 - Applied Calculus (3)

Gen Ed Math
Prerequisite: Grade of C or better in MATH 145 or MATH 145S or MA 130 or MA 130S or appropriate score on mathematics placement test (formerly MA 210)

Presents the introductory material to Calculus II. The course is not intended to replace traditional Calculus, nor can it be used as a prerequisite for Calculus I or Calculus II.

1278 MATH175-1 MW 11:00am - 12:15pm 15-week
1279 MATH175-2 TTH 2:00pm - 3:15pm 15-week

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

MATH 195 - Calculus II (4)

Gen Ed Math
Prerequisite: Grade of C or better in MATH 185 or MA 210
(formerly MA 211)

Presents the second course in the calculus sequence. Topics include methods and applications of integration, improper integrals, sequences and series, Taylor approximations, and an introduction to differential equations.

1307 MATH195-1 MW 1:00pm - 2:40pm 15-week
1308 MATH195-2 TTH 9:00am - 12:40pm 15-week
1309 MATH195-3 TTH 11:00am - 12:40pm 15-week
1310 MATH195-4 TTH 1:00pm - 2:40pm 15-week

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

MATH 200 - Calculus III (4)

Gen Ed Math
Prerequisite: Grade of C or better in MATH 195 or MA 211
(formerly MA 212)

Presents the final course in the three-semester calculus sequence. Topics include functions of several variables and their graphs, vectors, parametric equations, partial derivatives, multiple integrals and applications, Green's Theorem, Stokes Theorem and the fundamental theorem of line integrals.

1311 MATH200-1 MW 9:00am - 10:40am 15-week
1312 MATH200-2 TTH 11:00am - 12:40pm 15-week
1313 MATH200-3 TTH 1:00pm - 2:40pm 15-week
1314 MATH200-4 TTH 2:50pm - 4:40pm 15-week

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

MATH 220 - 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.

1312 MATH220-1 online 15-week

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

MATH 265 - Linear Algebra (4)

Prerequisite: Grade of C or better in MATH 185 or MA 210
(formerly MA 218)

Includes systems of linear equations, determinants, vectors in 2- and 3-space, vector spaces, linear transformations, eigenvalues and eigenvectors and applications.

1313 MATH265-1 MW 9:00am - 10:40am 15-week
1314 MATH265-2 MW 11:00am - 12:40pm 15-week
1315 MATH265-3 MW 1:00pm - 2:40pm 15-week
1316 MATH265-4 MW 2:50pm - 4:40pm 15-week

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

MEDA: Medical Assisting

MEDA 101 - Foundations of Medical Assisting I (3)

Prerequisite or Co-requisite: MEDA 109
(formerly MDA 101)
Introduces the professional responsibilities of the administrative and clinical medical assistant. Emphasizes interpersonal communication, records management, administrative responsibilities, financial administration, patient education, and patient care activities for the physician’s office.

1681 MEDA101-1 F 9:00am - 1:30pm 1st 7 1/2-week

Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Type</th>
<th>Credits</th>
<th>Days</th>
<th>Time</th>
<th>Term</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1682</td>
<td>MEDA102 - Foundations of Medical Assisting II (3)</td>
<td>Prerequisite: MEDA 101; Prerequisite or Co-requisite: MEDA 109 (formerly MDA 102)</td>
<td>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.</td>
<td>MEDA102-1</td>
<td>F</td>
<td>9:00am - 1:30pm</td>
<td>2nd 7 1/2-week</td>
</tr>
<tr>
<td>1685</td>
<td>MEDA108 - Basic Medical Terminology (1)</td>
<td>Prerequisite: ENGL 70 or ENGL 75 or ESOL 72 or Co-requisite: ENGL 75 (formerly MDA 108)</td>
<td>Provides students with the basic medical terminology framework needed before advancing to a more comprehensive medical terminology or anatomy and physiology based course.</td>
<td>MEDA108-ONL1</td>
<td>ONLINE</td>
<td>1st 7 1/2-week</td>
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<tr>
<td>1910</td>
<td>MEDA108-ONL2</td>
<td>ONLINE</td>
<td>2nd 7 1/2-week</td>
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<tr>
<td>1688</td>
<td>MEDA109 - Medical Terminology (3)</td>
<td>Prerequisite: ENGL 70 or ENGL 75 or ESOL 72 or Co-requisite: ENGL 75 (formerly MDA 109)</td>
<td>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.</td>
<td>MEDA109-HYB1</td>
<td>TH</td>
<td>9:30am - 10:45am</td>
<td>15-week</td>
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<td></td>
<td>MEDA109-HYB2</td>
<td>TH</td>
<td>1st 7 1/2-week</td>
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<td></td>
<td>MEDA109-ONL1</td>
<td>ONLINE</td>
<td>15-week</td>
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<td></td>
<td>MEDA109-ONL2</td>
<td>ONLINE</td>
<td>2nd 7 1/2-week</td>
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<tr>
<td>1690</td>
<td>MEDA112 - Medical/Administrative Office Applications (3)</td>
<td>Prerequisite or Co-requisite: CMS 101 and MEDA 109 (formerly MDA 112)</td>
<td>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 administrative procedures including insurance claims and financial tasks.</td>
<td>MEDA112-HYB1</td>
<td>W</td>
<td>6:30pm - 8:30pm</td>
<td>2nd 7 1/2-week</td>
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<td></td>
<td>MEDA112-ONL1</td>
<td>ONLINE</td>
<td>1st 7 1/2-week</td>
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<tr>
<td>1692</td>
<td>MEDA115 - Phlebotomy Skills (3)</td>
<td>Prerequisite: ENGL 70 or ENGL 75 or ESOL 72 (formerly MDA 115)</td>
<td>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, blood and culture blood, 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.</td>
<td>MEDA115-HYB1</td>
<td>W</td>
<td>1:00pm - 4:00pm</td>
<td>2nd 7 1/2-week</td>
</tr>
<tr>
<td>1693</td>
<td>MEDA202 - Medical Assisting Clinical Skills II (3)</td>
<td>Prerequisite: MEDA 201 (formerly MDA 202)</td>
<td>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.</td>
<td>MEDA202-1</td>
<td>TTH</td>
<td>6:00pm - 8:15pm</td>
<td>1st 7 1/2-week</td>
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<tr>
<td>1688</td>
<td>MEDA209 - Pharmacology for Medical Office Practice (3)</td>
<td>Prerequisite or Co-requisite: MEDA 109 (formerly MDA 110)</td>
<td>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 a subject of a unit in this course. This course is not intended for the nursing student.</td>
<td>MEDA209-HYB1</td>
<td>TH</td>
<td>11:00am - 1:30pm</td>
<td>1st 7 1/2-week</td>
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<tr>
<td></td>
<td>MEDA209-ONL1</td>
<td>ONLINE</td>
<td>15-week</td>
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<td>1694</td>
<td>MEDA209-ONL2</td>
<td>ONLINE</td>
<td>2nd 7 1/2-week</td>
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<tr>
<td>1687</td>
<td>MEDA220 - Electronic Health Records (3)</td>
<td>Prerequisite or Co-requisite: CMS 101 and MEDA 109 (formerly MDA 220)</td>
<td>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.</td>
<td>MEDA220-ONL1</td>
<td>ONLINE</td>
<td>1st 7 1/2-week</td>
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<td></td>
<td>MEDA220-ONL2</td>
<td>ONLINE</td>
<td>2nd 7 1/2-week</td>
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<tr>
<td>1688</td>
<td>MEDA209 - Diagnostic and Procedural Medical Coding (3)</td>
<td>Prerequisite or Co-requisite: MEDA 109 (formerly MDA 216)</td>
<td>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.</td>
<td>MEDA222-ONL1</td>
<td>ONLINE</td>
<td>1st 7 1/2-week</td>
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<tr>
<td>1694</td>
<td>MEDA222-ONL2</td>
<td>ONLINE</td>
<td>2nd 7 1/2-week</td>
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<tr>
<td>1695</td>
<td>MEDA220 - Federal Healthcare Programs and Laws (3)</td>
<td>Prerequisite or Co-requisite: CMS 101 and ENGL 101 (formerly MDA 222)</td>
<td>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.</td>
<td>MEDA222-ONL1</td>
<td>ONLINE</td>
<td>15-week</td>
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<td>1180</td>
<td>MUSC101 - Music History and Appreciation (3)</td>
<td>Gen Ed Arts</td>
<td>Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75 (formerly MU 101)</td>
<td>Traces the development of musical expression in Western Art Music by providing an introduction of musical elements such as melody, harmony, tone color, rhythm, form, and texture. Students will be able to identify style periods and representative composers from the Middle Ages to the Modern Era and demonstrate musical knowledge through directed listening and topical writing assignments. Music reading skills unnecessary.</td>
<td>MUSC101-1</td>
<td>MW</td>
<td>9:30am - 10:45am</td>
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<tr>
<td>1181</td>
<td>MUSC101-ONL1</td>
<td>ONLINE</td>
<td>15-week</td>
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**MUSC: Music**
MUSC 103 - Fundamentals of Music (3)
Gen Ed Arts
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75 (formerly MU 103)
Covers the basic elements of music such as note reading, rhythm, scales, key signatures, and intervals. Includes an introduction to fundamental keyboard skills and simple ear training exercises. Intended for students with limited musical knowledge who wish to study music theory or learn to read music.

1182 MUSC103-1 MW 11:00am - 12:15pm 15-week
1183 MUSC103-WE1 TTH 12:30pm - 1:45pm 13-week
Note: This web enhanced course requires completion of selected online assignments.

MUSC 106 - Ear Training and Musicanship 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, rhythm patterns, tempos, and triads.
Note: Concurrent enrollment in Music Theory (MUSC 111) and Ear Training and Musicanship I is required of all music majors.

1184 MUSC106-1 TTH 2:30pm - 3:20pm 15-week

MUSC 109 - American Popular Music (3)
Gen Ed Arts
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75 (formerly MU 109)
Surveys the development of American popular music in the 20th and 21st centuries, including the origins of both pop/rock styles, significant artists, cross-pollination with other genres, and impact on American culture. Selected pieces are examined in detail through directed listening. Topical writing assignments are required. Music reading skills unnecessary.

1937 MUSC109-1 MW 12:30pm - 1:45pm 15-week
1185 MUSC109-2 TTH 11:00am - 12:15pm 15-week
1193 MUSC109-ONL1 ONLINE 15-week

MUSC 111 - Music Theory I (3)
Prerequisite: MUSC 103 or permission of department (formerly MU 111)
Introduces jazz music and improvisation. Study of jazz theory and harmony with practical application on chosen instrument. Two lecture/rehearsal hours weekly culminating in end of semester concert. Open to all students with permission of instructor and provides an ensemble option for the first year of study for music majors. Individual instruction on chosen instrument recommended concurrently.

1188 MUSC119-1 M 7:30pm - 9:45pm 15-week
1189 MUSC119-2C W 7:45pm - 10:00pm 15-week
Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>MUSC 201</td>
<td>Music Cultures of the World (3)</td>
</tr>
<tr>
<td>Gen Ed Arts, Cultural Competence</td>
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<tr>
<td>Prerequisites: MUSC 107 or MUSC 120 or permission of instructor (formerly MU 201)</td>
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<tr>
<td>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.</td>
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<tr>
<td>2237 MUSC201-ONL1</td>
<td>ONLINE 15-week</td>
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<tr>
<td>MUSC 206</td>
<td>Ear Training and Musicianship III (1)</td>
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<tr>
<td>Prerequisite: MUSC 107 or MUSC 120 or permission of instructor (formerly MU 206)</td>
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<td>Continues skills from Ear Training and Musicianship II, coordinating with Music Theory III, including harmonic dictations in chorale style, melodic dictations with wider intervallic leaps and some chromaticism, and rhythmic dictations of more complex patterns. Sight-singing and keyboard activities are commensurate with each student's experience and ability. Computers available for use in and outside of class time.</td>
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<tr>
<td>1216 MUSC206-1</td>
<td>MW 3:30pm - 4:20pm 15-week</td>
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<tr>
<td>MUSC 211</td>
<td>Music Theory III (3)</td>
</tr>
<tr>
<td>Prerequisite: MUSC 112 or Co-requisite: MUSC 206 (formerly MU 211)</td>
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<tr>
<td>Continues Music Theory II, with further work on modulations, dominant relationships, cadential identifications, extended part-writing procedures, altered chords, and analyses. Includes characteristics of instrumental and vocal writing, the Neapolitan six chord and augmented sixth chords, and harmonizations with all types of chords and figured bass symbols.</td>
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<tr>
<td>1217 MUSC211-1</td>
<td>MW 2:00pm - 3:15pm 15-week</td>
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<tr>
<td>MUSC 217</td>
<td>Choral Ensemble II (1)</td>
</tr>
<tr>
<td>(formerly MU 217)</td>
<td></td>
</tr>
<tr>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>1218 MUSC217-1C</td>
<td>T 7:45pm - 10:00pm 15-week $</td>
</tr>
<tr>
<td>Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.</td>
<td></td>
</tr>
<tr>
<td>MUSC 219</td>
<td>Jazz Ensemble II (1)</td>
</tr>
<tr>
<td>Prerequisite: MUSC 119 or MUSC 120 or permission of instructor (formerly MU 219)</td>
<td></td>
</tr>
<tr>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>1219 MUSC219-1</td>
<td>M 5:00pm - 7:15pm 15-week $</td>
</tr>
<tr>
<td>1220 MUSC219-2C</td>
<td>W 7:45pm - 10:00pm 15-week $</td>
</tr>
<tr>
<td>Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.</td>
<td></td>
</tr>
<tr>
<td>MUSC 221</td>
<td>Orchestral Ensemble II (1)</td>
</tr>
<tr>
<td>Prerequisite: MUSC 121 or MUSC 122 or permission of instructor (formerly MU 221)</td>
<td></td>
</tr>
<tr>
<td>Presents great orchestral music of the Baroque, Classical, Romantic, and Contemporary musical eras as the basis for study and performance. Open to all students with permission of the instructor and provides an ensemble option for the second year of study for music majors. Individual instruction on chosen instrument recommended concurrently.</td>
<td></td>
</tr>
<tr>
<td>1221 MUSC221-1C</td>
<td>TH 7:30pm - 9:30pm 15-week $</td>
</tr>
<tr>
<td>Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.</td>
<td></td>
</tr>
<tr>
<td>MUSC 222</td>
<td>Wind Ensemble II (1)</td>
</tr>
<tr>
<td>Prerequisite: MUSC 123 or MUSC 124 or permission of instructor (formerly MU 223)</td>
<td></td>
</tr>
<tr>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>1222 MUSC223-1C</td>
<td>W 6:30pm - 9:00pm 15-week $</td>
</tr>
<tr>
<td>Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.</td>
<td></td>
</tr>
<tr>
<td>MUSC 230</td>
<td>Studio Recording Techniques (3)</td>
</tr>
<tr>
<td>Prerequisite: MUSC 135 (formerly MU 230)</td>
<td></td>
</tr>
<tr>
<td>Focuses on contemporary recording techniques associated with popular music production. Topics include multi-track recording, overdubbing, MIDI, and project management.</td>
<td></td>
</tr>
<tr>
<td>1835 MUSC230-1</td>
<td>TTH 3:30pm - 4:45pm 15-week</td>
</tr>
<tr>
<td>MUSC 240</td>
<td>MIDI Music Production Techniques (3)</td>
</tr>
<tr>
<td>Prerequisite: MUSC 130, Prerequisite or Co-requisite: MUSC 103 (formerly MU 240)</td>
<td></td>
</tr>
<tr>
<td>Explores electronic music production. Students will produce electronic music using a variety of software and techniques. Topics will include notation, MIDI and controller programming, sampling, sequencing, virtual instruments, synthesizers, and production techniques.</td>
<td></td>
</tr>
<tr>
<td>1241 MUSC240-1</td>
<td>F 10:00am - 12:35pm 15-week</td>
</tr>
<tr>
<td>MUSC 251</td>
<td>Class Piano III (1)</td>
</tr>
<tr>
<td>Prerequisite: MUSC 152 (formerly MU 251)</td>
<td></td>
</tr>
<tr>
<td>Continues material presented in Class Piano II. New keyboard skills include scales and chord progressions in simple minor keys as well as more complicated major keys. Students will learn and perform two-hand repertoire featuring melody and various types of chord accompaniments to a basic standard. Elements of keyboard technique will continue to be developed. Regular individual practice on a keyboard/piano is expected.</td>
<td></td>
</tr>
<tr>
<td>2088 MUSC251-1C</td>
<td>M 11:30am - 12:20pm 15-week $</td>
</tr>
<tr>
<td>1223 MUSC251-2C</td>
<td>W 12:30pm - 1:20pm 15-week $</td>
</tr>
<tr>
<td>Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.</td>
<td></td>
</tr>
<tr>
<td>MUSC 252</td>
<td>Class Piano IV (1)</td>
</tr>
<tr>
<td>Prerequisite: MUSC 251 (formerly MU 252)</td>
<td></td>
</tr>
<tr>
<td>Continues material presented in Class Piano III. New keyboard skills include arpeggios, greater independence of hands in polyphonic repertoire, and playing in a greater variety of styles (classical, blues, folk, etc.). All major and minor scales will be learned, hands together in one octave. Students will learn and perform two-hand repertoire featuring melody and various types of chord accompaniments to a level consistent with a secondary keyboard major in a four-year music program. Elements of keyboard technique will continue to be developed. Regular individual practice on a keyboard/piano is expected.</td>
<td></td>
</tr>
<tr>
<td>2089 MUSC252-1C</td>
<td>M 11:30am - 12:20pm 15-week $</td>
</tr>
<tr>
<td>1224 MUSC252-2C</td>
<td>W 12:30pm - 1:20pm 15-week $</td>
</tr>
<tr>
<td>Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.</td>
<td></td>
</tr>
</tbody>
</table>
MUSC: Applied Music Courses

Additional fees: $490
Thirteen one-hour lessons of instruction that encompass technique, theory, style, interpretation, and performance of selected literature. Additional required repertoire and performance classes. Specific dates for these classes are announced at the beginning of the semester. A jury examination is held at the end of the semester and is to be regarded as the final exam.

Instructor Contact List
Laura Armstrong – Clarinet/Saxophone .................................. 443.615.1529 .......... larmstrong@frederick.edu
Howard Burns – Woodwinds ........................................ 301.788.3274 .......... hburns@frederick.edu
Paula Chipman – Voice .......................................................... 301.879.2069 .......... pchipman@frederick.edu
Jonathan Cresci – Trumpet .................................................. 410.812.2018 .......... jcresci@frederick.edu
Jason Diggs – Violin/Viola .................................................. 301.922.0398 .......... jadiggs@frederick.edu
Lynn Fleming – Bass ............................................................ 301.846.2566 .......... vfleming@frederick.edu
Adam Gonzalez – Cello ........................................................ 301.219.4826 .......... agonzalez@frederick.edu
Mary Gresock – Voice ......................................................... 301.846.2642 .......... mgresock@frederick.edu
Greg Herron – Percussion .................................................. 443.621.8694 .......... gherron@frederick.edu
Suk-Yi Hyun – Piano .......................................................... 240.421.7188 .......... shyun@frederick.edu
Alice Lee – Piano .............................................................. 202.270.1667 .......... alee@frederick.edu
Aaron Lovely – Low Brass ................................................ 703.401.8971 .......... alovely@frederick.edu
David Loy – Voice ............................................................ 301.791.7730 ......... dloy@frederick.edu
Michael Raitzyk – Guitar .................................................. 410.905.3149 ......... mraitzyk@frederick.edu
Jennifer Rundlett – Flute .................................................. 540.664.4068 .......... jrundlett@frederick.edu
Maryory Serrano – Violin/Viola ......................................... 301.668.0355 .......... mserrano@frederick.edu
Lynn Staininger – Voice/Piano ......................................... 202.405.7382 ........ lstaininger@frederick.edu
John Wickelgren – Piano .................................................. 301.668.0355 .......... jwickelgren@frederick.edu

MUSC 172 - First Year Piano (1)
(formerly MU 172)
1198 MUSC172-1 John Wickelgren 13-week
1199 MUSC172-2 Lynn Staininger 13-week
1200 MUSC172-3 Alice Lee 13-week
1201 MUSC172-4 Suk-Yi Hyun 13-week
2090 MUSC172-5 David Loy 13-week

MUSC 174 - First Year Voice (1)
(formerly MU 174)
1202 MUSC174-1 Paula Chipman 13-week
1203 MUSC174-2 David Loy 13-week
1204 MUSC174-3 Mary Gresock 13-week
1205 MUSC174-4 Lynn Staininger 13-week
1957 MUSC174-5 Sterling Scroggins 13-week

MUSC 178 - First Year Brass (1)
(formerly MU 178)
1206 MUSC178-1 Jon Cresci 13-week
1207 MUSC178-2 Aaron Lovely 13-week

MUSC 180 - First Year Woodwinds (1)
(formerly MU 180)
1208 MUSC180-1 Jennifer Rundlett 13-week
1209 MUSC180-2 Laura Armstrong 13-week
2091 MUSC180-3 Howard Burns 13-week

MUSC 172 - First Year Piano (1)
(formerly MU 172)
1198 MUSC172-1 John Wickelgren 13-week
1199 MUSC172-2 Lynn Staininger 13-week
1200 MUSC172-3 Alice Lee 13-week
1201 MUSC172-4 Suk-Yi Hyun 13-week
2090 MUSC172-5 David Loy 13-week

MUSC 174 - First Year Voice (1)
(formerly MU 174)
1202 MUSC174-1 Paula Chipman 13-week
1203 MUSC174-2 David Loy 13-week
1204 MUSC174-3 Mary Gresock 13-week
1205 MUSC174-4 Lynn Staininger 13-week
1957 MUSC174-5 Sterling Scroggins 13-week

MUSC 178 - First Year Brass (1)
(formerly MU 178)
1206 MUSC178-1 Jon Cresci 13-week
1207 MUSC178-2 Aaron Lovely 13-week

MUSC 180 - First Year Woodwinds (1)
(formerly MU 180)
1208 MUSC180-1 Jennifer Rundlett 13-week
1209 MUSC180-2 Laura Armstrong 13-week
2091 MUSC180-3 Howard Burns 13-week

MUSC 182 - First Year Strings (1)
(formerly MU 182)
1210 MUSC182-1 Jason Diggs 13-week
1211 MUSC182-2 Flor Maryory Serrano Prada 13-week
1212 MUSC182-3 Adam Gonzalez 13-week
1213 MUSC182-4 Lynn Fleming 13-week
2121 MUSC182-5 TBA 13-week

MUSC 184 - First Year Guitar (1)
(formerly MU 184)
1214 MUSC184-1 Michael Raitzyk 13-week

MUSC 186 - First Year Percussion (1)
(formerly MU 186)
1215 MUSC186-1 Greg Herron 13-week

MUSC 272 - Second Year Piano (1)
Prerequisite: Permission of Program Manager
(formerly MU 272)
1225 MUSC272-1 John Wickelgren 13-week
1226 MUSC272-2 Lynn Staininger 13-week
1227 MUSC272-3 Alice Lee 13-week
1228 MUSC272-4 Suk-Yi Hyun 13-week
2092 MUSC272-5 David Loy 13-week

MUSC 274 - Second Year Voice (1)
Prerequisite: Permission of Program Manager
(formerly MU 274)
1229 MUSC274-1 Paula Chipman 13-week
1230 MUSC274-2 David Loy 13-week
1231 MUSC274-3 Mary Gresock 13-week
1232 MUSC274-4 Lynn Staininger 13-week
1958 MUSC274-5 Sterling Scroggins 13-week

MUSC 278 - Second Year Brass (1)
(formerly MU 278)
1233 MUSC278-1 Jon Cresci 13-week
1234 MUSC278-2 Aaron Lovely 13-week

MUSC 280 - Second Year Woodwinds (1)
(formerly MU 280)
1235 MUSC280-1 Jennifer Rundlett 13-week
1236 MUSC280-2 Laura Armstrong 13-week
2093 MUSC280-3 Howard Burns 13-week

MUSC 282 - Second Year Strings (1)
(formerly MU 282)
1811 MUSC282-1 Jason Diggs 13-week
1812 MUSC282-2 Flor Maryory Serrano Prada 13-week
1813 MUSC282-3 Adam Gonzalez 13-week
1814 MUSC282-4 Lynn Fleming 13-week
2122 MUSC282-5 TBA 13-week

MUSC 284 - Second Year Guitar (1)
(formerly MU 284)
1237 MUSC284-1 Michael Raitzyk 13-week

MUSC 286 - Second Year Percussion (1)
(formerly MU 286)
1238 MUSC286-1 Greg Herron 13-week
## NURS: Nursing

### NURS 101 - Introduction to Clinical Nursing (6)
**Cultural Competence**
Prerequisite or Co-requisite: Passing score on Math for Medication Safety Test (formerly NU 101)
Introduces concepts of professional nursing. Emphasis is on the acquisition and application of basic knowledge, skills, and professional behaviors needed for the delivery of comprehensive care to the adult client.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
<th>Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS101-1LC</td>
<td>TW</td>
<td>8:00am - 11:00am</td>
<td>15-week</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NURS101-2LC</td>
<td>TW</td>
<td>12:00pm - 3:00pm</td>
<td>15-week</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NURS101-11LB</td>
<td>ASG</td>
<td>-</td>
<td>15-week</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

### NURS 105 - Pharmacology for Nurses (2)
Prerequisite: Passing score on the Math for Medication Safety Test (formerly NU 105)
Provides instruction in basic pharmacology necessary for providing safe and effective medication administration. Content includes essential drug knowledge needed to adequately assess, administer, and evaluate drug effects in clients. Emphasis is on the acquisition and application of basic knowledge needed for the delivery of comprehensive care to clients in all healthcare settings.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
<th>Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS105-HYB1</td>
<td>W</td>
<td>9:00am - 11:00am</td>
<td>15-week</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NURS105-HYB2</td>
<td>W</td>
<td>12:00pm - 2:00pm</td>
<td>15-week</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### NURS 211 - Medical-Surgical Nursing I (7)
Prerequisite: NURS 101; Prerequisite or Co-requisite: Passing score on Math for Medication Safety Test (formerly NU 211)
Introduces the study of the adult client with acute and chronic alterations in wellness. Emphasis is on assimilation of knowledge, skills, and professional behaviors needed for the delivery of comprehensive care.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
<th>Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS211-1LC</td>
<td>MT</td>
<td>5:00pm - 7:00pm</td>
<td>15-week</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NURS211-11LB</td>
<td>ASG</td>
<td>-</td>
<td>15-week</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

### NURS 212 - Medical-Surgical Nursing II (4)
Prerequisite: NURS 211; Prerequisite or Co-requisite: Passing score on Math for Medication Safety Test (formerly NU 212)
Continues study of the adult client with increasingly complex acute and chronic alterations in health. Emphasis is on assimilation of knowledge, skills, and professional behaviors needed for the delivery of comprehensive care.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
<th>Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS212-1LC</td>
<td>M</td>
<td>8:00am - 10:00am</td>
<td>15-week</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NURS212-2LC</td>
<td>TH</td>
<td>8:00am - 10:00am</td>
<td>15-week</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NURS212-11LB</td>
<td>ASG</td>
<td>-</td>
<td>15-week</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

### NURS 214 - Psychiatric/Mental Health Nursing (3)
Prerequisite: NURS 101; Prerequisite or Co-requisite: Passing score on Math for Medication Safety Test (formerly NU 214)
Examines the impact of mental illness on the individual, family, and community. Explores treatment options and issues, and reviews the evidence-based principles and practice of psychiatric-mental health nursing. Emphasis is placed on the adaptation of knowledge, skills, and attitudes related to caring for clients with alterations in mental health.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
<th>Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS214-1LC</td>
<td>TH</td>
<td>5:00pm - 7:00pm</td>
<td>15-week</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NURS214-11LB</td>
<td>ASG</td>
<td>-</td>
<td>15-week</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

### NURS 218 - Maternal, Child, and Family Nursing (5)
Prerequisite: NURS 211; Prerequisite or Co-requisite: Passing score on Math for Medication Safety Test (formerly NU 218)
Introduces maternal, child, and family nursing. Focuses on the reproductive phase of family life, the specific health needs of women from adolescence to menopause, the healthy newborn, and pediatric clients with acute alterations in health. Emphasis is on assimilation of knowledge, skills, and professional behaviors needed for delivery of family-centered, comprehensive care.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
<th>Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS218-1LC</td>
<td>M</td>
<td>10:00am - 3:00pm</td>
<td>15-week</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NURS218-2LC</td>
<td>TH</td>
<td>10:00am - 3:00pm</td>
<td>15-week</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NURS218-11LB</td>
<td>ASG</td>
<td>-</td>
<td>15-week</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

### NURS 231 - Medical-Surgical Nursing III (4)
Prerequisites: NURS 212 and NURS 218 (formerly NU 213)
Continues study of the adult client with acute, complex, and critical alterations in health. Emphasis is on the adaptation of knowledge, skills, and attitudes needed for the delivery of comprehensive care.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
<th>Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS231-1LC</td>
<td>W</td>
<td>5:00pm - 7:00pm</td>
<td>15-week</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NURS231-11LB</td>
<td>ASG</td>
<td>-</td>
<td>15-week</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

### NURS 261 - Preparation for Practice (2)
Prerequisite: NURS 212 and NURS 218 (formerly NU 216)
Facilitates the student's adaptation into professional nursing practice. Explores current trends in nursing and concepts related to the nurse as a professional, a member of the health care team, and manager of client care.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
<th>Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS261-1LC</td>
<td>W</td>
<td>7:30pm - 9:00pm</td>
<td>15-week</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NURS261-11LB</td>
<td>ASG</td>
<td>-</td>
<td>15-week</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

## NUTR: Nutrition

### NUTR 100 - Nutrition Basics (1)
(formerly HE 110)
Applies a basic knowledge of nutrition to enable the students to make good dietary decisions. Provides a basis for discerning healthy diets.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
<th>Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR100-1</td>
<td>TH</td>
<td>11:00am - 1:00pm</td>
<td>2nd 7 1/2-week</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR100-ONL1</td>
<td>ONLINE</td>
<td>-</td>
<td>1st 7 1/2-week</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### NUTR 102 - Nutrition in a Changing World (3)
Gen Ed Wellness
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75 (formerly HE 102)
Presents the basic principles of human nutrition with emphasis on the nutrients and factors that affect their use in the human body.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
<th>Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR102-1</td>
<td>M</td>
<td>9:30am - 12:00pm</td>
<td>15-week</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR102-2</td>
<td>MW</td>
<td>12:30pm - 1:45pm</td>
<td>15-week</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR102-3</td>
<td>MW</td>
<td>2:00pm - 3:15pm</td>
<td>15-week</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR102-4</td>
<td>TTH</td>
<td>11:00am - 1:30pm</td>
<td>2nd 7 1/2-week</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR102-5</td>
<td>TTH</td>
<td>2:00pm - 3:15pm</td>
<td>15-week</td>
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<tr>
<td>NUTR102-6</td>
<td>F</td>
<td>9:30am - 12:00pm</td>
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<tr>
<td>NUTR102-7</td>
<td>M</td>
<td>5:00pm - 7:35pm</td>
<td>15-week</td>
<td></td>
<td></td>
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<td>NUTR102-ONL1</td>
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</table>
NUTR 200 - Principles and Application of Nutrition (3)
Prerequisite: BSCI 100 or BSCI 150 or BI 101 or BSCI 201 or BI 103 or BSCI 107
(formerly HE 200)
Introduces the principles of nutrition for the maintenance of good health throughout the life-cycle. Applications of nutritional principles are presented via the connection between diet and the prevention and treatment of disease. Investigates the socioeconomic, ecological and political factors that shape national nutritional policy and ultimately affect personal health.

1911 NUTR200-1  TTH  11:00am - 1:30pm  1st 7 1/2-week

PHED: Physical Education

PHED 105 - Elementary Fencing (1)
(formerly PE 160)
Introduces the history, safety, rules and etiquette of fencing. Teaches basic skills required to participate in a fencing match, as well as skills in directing and scoring a match.

2192 PHED105-1  W  1:00pm - 3:00pm  2nd 7 1/2-week

PHED 110 - Volleyball (1)
(formerly PE 165)
Includes orientation, instruction and participation in specific skills, rules and etiquette of the sport.

1033 PHED110-1  M  8:30am - 10:30am  2nd 7 1/2-week

PHED 115 - Weight Training (1)
(formerly PE 160)
Introduces the student to basic weight training techniques, training programs, and safety procedures.

1034 PHED115-1  MW  11:00am - 12:15pm  2nd 7 1/2-week
1035 PHED115-2  M  2:00pm - 3:00pm  15-week
1036 PHED115-3  W  2:00pm - 3:00pm  15-week
1037 PHED115-4  M  5:00pm - 7:00pm  2nd 7 1/2-week

PHED 122 - Tennis (1)
(formerly PE 179)
Introduces the basic skills of tennis, including the basic grips, forehand and backhand groundstrokes, volleys and serves, covers the rules and etiquette of the sport.

1914 PHED122-1  MW  11:00am - 12:15pm  1st 7 1/2-week
Note: After first day, class will meet out at the tennis courts. In the event of inclement weather, class will meet in D100 (gym).

PHED 125 - Golf (1)
(formerly PE 181)
Introduces the basic skills of golf, including the grip, stance, addressing the ball, aiming, putting, chipping, pitching and the basic full swing, covers the rules and etiquette of the sport.

1038 PHED125-1  W  5:00pm - 7:00pm  1st 7 1/2-week
Note: Course meets on campus for the first 3 weeks. For weeks 4-7, class held offsite at Saber Golf and Rec. (formerly Liberty Road Golf Center). Fee paid at site is approx. $35 ($8 - $9 per class for last four classes) paid at site.

PHED 133 - Kickboxing (1)
(formerly PE 196)
Provides basic fundamentals of Lethwei (Burmese Kickboxing). Basic principles, history, and styles and linguistic of the fighter will be covered. This course emphasizes safety for the student and the instructor. There will be no competitive fights or hard physical contact between students during this course. Mental and physical control as well as proper training etiquette will always be maintained.

1044 PHED133-1  F  11:00am - 1:00pm  2nd 7 1/2-week
Note: Class held at Rowhouse Academy located at 7311 Grove Rd Suite Q, Frederick, MD 21704. Additional $65 fee paid at site on first day of class. Use of gym facilities for duration of this course is included as well as a t-shirt, new pair of boxing gloves, and boxing hand wraps.

PHED 135 - Social Dance I (1)
(formerly PE 187)
Provides instruction in the basic partner dance forms including such dances as the waltz, swing, two-step, cha-cha, polka and fox-trot. Other contemporary dances may be included.

1915 PHED135-1  F  5:00pm - 7:00pm  1st 7 1/2-week
Note: Class will be held at Ballroom Dance in Frederick. In addition to Friday classes, two Saturday evening and two Tuesday evening practice parties are required, both held at Ballroom Dance in Frederick. There is no additional charge for the practice parties.

PHED 136 - Social Dance II (1)
Prerequisite: PHED 135 or PE 187 or permission of instructor (formerly PE 193)
Social Dance II builds on the dance rhythms learned in Social Dance. The patterns to be learned will incorporate the body mechanics and technique that enable creation of body swing in the Waltz, and smoothness and polish in all the dances. Fox trot, Swing, Cha-Cha, Rumba and Tango.

2200 PHED136-1  F  5:00pm - 7:00pm  2nd 7 1/2-week

PHED 138 - Tai Chi (1)
(formerly PE 195)
Tai Chi is an unique and traditional Chinese exercise. The benefits of practice include strengthening health, preventing illness, and slowing the effects of aging. The class is designed to provide students with a basic knowledge and history of Tai Chi, and to provide an opportunity to learn and master Tai Chi skills.

1043 PHED138-1  TTH  2:00pm - 3:15pm  3rd 5-week

PHED 140C - Fitness: Zumba (1)
(formerly PE 198C)
Zumba Fitness is a Latin-inspired, high-energy, cardio-dance workout that uses music and various easy-to-follow choreographed steps. Along with music styles such as Latin, Hip-Hop, Jazz, Pop, and other genres, Zumba incorporates interval training, alternating fast and slow rhythms, and resistance training.

1045 PHED140C-1  TTH  12:30pm - 1:45pm  1st 7 1/2-week

PHED 143 - Pilates (1)
(formerly PE 190)
Introduces the history of Pilates and describes the physiological basis of exercises that promote core body strength. Includes demonstration and active student participation of Pilates movements.

1042 PHED143-1  TTH  9:30am - 10:45am  2nd 7 1/2-week

PHED 145 - Body Mechanics (1)
(formerly PE 108)
Examines the application of physical laws to the human body at rest or in motion, including concepts of effective, efficient and aesthetic postures, both static and dynamic. Emphasizes joint motions, care of the back and components of fitness including body compositions, flexibility, strength, muscular endurance and cardiovascular endurance.

2036 PHED145-1  M  5:00pm - 7:30pm  1st 7 1/2-week

PHED 148 - Exercise Psychology (1)
(formerly PE 237)
Introduces the psychological factors that affect exercise participation and performance.

2193 PHED148-1  M  2:30pm - 4:30pm  1st 7 1/2-week
1046 PHED148-ONL1  ONLINE  2nd 7 1/2-week

PHED 150 - Methods of Strength Training (1)
(formerly PE 247)
Designed for those who will be assisting others in a training program emphasizing muscular fitness. Emphasizes teaching methodologies employed in training programs that focus on muscular fitness. Students will apply teaching methodologies as they practice training with individuals or small groups.

1048 PHED150-1  TTH  11:00am - 12:15pm  1st 7 1/2-week
PHED 152 - Methods of Fitness and Conditioning (1)
(formerly PE 241)
Designed for those who will be assisting others with exercise. Integrates fitness research and application, and emphasizes teaching methodologies employed in training programs that focus on group exercise. Students will apply teaching methodologies through individual and group training.
1047 PHED152-1 TTH 11:00am - 12:15pm 2nd 7 1/2-week

PHED 155 - Advanced Tai Chi - Cultural Perspective (3)
Cultural Competence
(formerly HE 130)
Introduces the traditional Chinese meditative exercise known as Tai Chi. While participating in the low intensity physical skills that comprise Tai Chi, students will be introduced to the culture, philosophy, history, and practice of the exercise.
1912 PHED155-1 MW 2:00pm - 3:15pm 13-week

PHED 160 - Psychology of Sport (3)
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-require: ENGL 75
(formerly PE 161)
Explores personality factors, including but not limited to, motivation, aggression, and emotion, as they affect sport performance as well as the mental techniques used to enhance performance.
1913 PHED160-1 TTH 12:30pm - 1:45pm 15-week
Note: Offered in the fall semester only.

PHED 165 - Fitness for Living (3)
Gen Ed Wellness
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-require: ENGL 75
(formerly PE 154)
Covers the components of physical fitness, stress, care of the back, nutrition and weight control. Evaluations in all areas included through laboratory experiences.
1029 PHED165-1 MW 11:00am - 12:15pm 15-week
1030 PHED165-2 MW 12:30pm - 1:45pm 15-week
1031 PHED165-3 TTH 9:30am - 10:45am 15-week
1032 PHED165-4 TTH 11:00am - 12:15pm 15-week
2201 PHED165-ONL1 ONLINE 15-week

PHED 170 - Introduction to Health and Exercise Sciences (3)
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-require: ENGL 75
(formerly PE 153)
Provides an orientation to the profession including the relationship of physical education to education, current trends and practices, career opportunities, and areas of research. Theory course for physical education majors.
1028 PHED170-1 TTH 12:30pm - 1:45pm 15-week
Note: Offered in the fall semester only.

PHED 180 - Care and Prevention of Athletic Injuries (3)
Prerequisite or Co-require: ENGL 75 or ESOL 72
(formerly PE 250)
Introduces the basic principles for care and prevention of athletic injuries. Emphasis will be placed on scientific applications for recognition, diagnosis, classification, treatment and rehabilitation of body.
1049 PHED180-1 MW 9:30am - 10:45am 15-week

PHED 185 - Yoga (3)
(formerly PE 188)
Provides a holistic approach to understanding some of the fundamental principles and philosophies of yoga while also providing a weekly experiential Hatha (physical) practice.
1039 PHED185-1 M 9:30am - 12:00pm 15-week
1040 PHED185-2 F 9:30am - 12:00pm 15-week
1916 PHED185-HYB1 T 6:00pm - 8:30pm 1st 7 1/2-week
1041 PHED185-HYB2 T 6:00pm - 8:30pm 2nd 7 1/2-week

PHIL 101 - Introduction to Philosophy (3)
Gen Ed Humanities
Prerequisite: ENGL 70 OR Prerequisites or Co-requisites: ENGL 75 or (ESOL 72 and ESOL 73)
(formerly PH 101)
Surveys major questions addressed and arguments made by many of the great philosophers. Sample issues covered include: what is the nature of reality, what makes us human, does God exist, and why is there evil?
1242 PHIL101-1 MW 11:00am - 1:35pm 1st 7 1/2-week
1836 PHIL101-2 TTH 9:30am - 10:45am 15-week
1243 PHIL101-WE1 TTH 2:00pm - 3:15pm 13-week
Note: This web enhanced course requires completion of selected online assignments.
1837 PHIL101-ONL1 ONLINE 2nd 7 1/2-week

PHIL 105 - Ethics (3)
Gen Ed Humanities
Prerequisite or Co-require: ENGL 101
(formerly PH 205)
Introduces the problems and possibilities of moral theory and ethical decision making. Explores the application of these theories to specific moral issues such as abortion and euthanasia.
1247 PHIL105-1 TTH 12:30pm - 2:05pm 1st 7 1/2-week

PHIL 206 - Symbolic Logic (3)
Gen Ed Humanities
Prerequisite or Co-require: ENGL 101
(formerly PH 206)
Utilizes critical thinking skills to derive logical conclusions through the use of symbolic logic principles. Students will learn the basic structures of logical argumentation. Logic can enhance your study of computer programming, math, science, and law.
1248 PHIL206-1 TTH 11:00am - 12:15pm 15-week

PHIL 207 - Biomedical Ethics (3)
Gen Ed Humanities
Prerequisite or Co-require: ENGL 101
(formerly PH 207)
Explores ethical theories and principles specifically applied to issues of healthcare, death and dying, genetics, and scientific inquiry.
1838 PSYC101-HYB1 W 12:30pm - 1:45pm 15-week
2086 PHIL207-ONL1 ONLINE 15-week

PHIL 208 - Business Ethics (3)
Gen Ed Humanities
Prerequisite or Co-require: ENGL 101
(formerly PH 208)
Explores the application of ethical theories and principles to specific situations addressed in the fields of business, advertising, marketing, and economics.
1249 PHIL208-1 MW 6:00pm - 8:35pm 1st 7 1/2-week

PHIL 209 - Environmental Ethics (3)
Prerequisite or Co-require: ENGL 101
(formerly PH 209)
Explores the relationship between humans and the nonhuman environment, and guides students in thinking more clearly, insightfully, and effectively about that relationship. Texts from a variety of philosophic traditions are explored in the context of the most pressing ethical, political, and legal issues concerning our treatment of the environment.
2212 PHIL209-1 TTH 12:30pm - 1:45pm 15-week
### PHSC 101 - Survey of Physical Science (3)

**Gen Ed Science**

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101/MATH 101A or 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)

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

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

### PHSC 104 - Survey of Oceanography (3)

**Gen Ed Science**

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101/MATH 101A or 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)

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### PHSC 104H - Survey of Oceanography (3)

**Gen Ed Science**

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101/MATH 101A or 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)

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

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### PHSC 105 - Survey of Meteorology (3)

**Gen Ed Science**

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101/MATH 101A or 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)

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

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### PHSC 111 - Introduction to Physical Science (4)

**Gen Ed Science**

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101/MATH 101A or 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 110)

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 111 or PC 110) and (PHSC 101 or PC 103).

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

### PHSC 112 - Introduction to Earth Systems Science (4)

**Gen Ed Science**

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 81 or MA 83 or MA 85 or MATH 101/MATH 101A or MATH 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)

(formed PC 115)

Presents an overview of the solid, fluid, and living parts of the Earth system with an emphasis on how those parts are interconnected and ever changing. An inquiry-based, activities-oriented approach is used in the course. Meets the requirement for a general education science lab course.

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

### PHSC 115 - Introduction to Meteorology (4)

**Gen Ed Science**

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101/MATH 101A or 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)

(formed 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).

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### PHSC 117 - Introduction to Astronomy (4)

**Gen Ed Science**

Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) AND (MA 82 or MA 85 or MATH 101/MATH 101A or 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)

(formed 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.

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

\[\text{Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.}\]
PHSC 121 - Physical Geology (4)
Gen Ed Science
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) and (MA 82 or MA 85 or MATH 101/MATH 101A or MATH 103/MATH 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)
Introduces the physical and chemical processes that occur along the surface of the earth and within the earth's interior. Topics include plate tectonics, earthquakes, volcanoes, rocks and minerals, geologic maps, and the origin and continual modification of surface features. Meets the requirement for a general education science lab course.
1547 PHSC121-11LC M 9:30am - 12:05pm 15-week
1548 PHSC121-11LB W 9:30am - 12:00pm 15-week
Note: Students must register for corresponding lecture (LC) and lab (LB).

PHYS: Physics

PHYS 121 - Fundamentals of Physics I (4)
Gen Ed Science
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) and ((MATH 165 or MA 111) or (MATH 145 or MATH 145S or MA 130 or MA 130S) and MA 131)
(formerly PY 201)
Introduces the physical and chemical processes that occur along the surface of the earth and within the earth's interior. Topics include plate tectonics, earthquakes, volcanoes, rocks and minerals, geologic maps, and the origin and continual modification of surface features. Meets the requirement for a general education science lab course.
1553 PHYS121-11LC T 5:30pm - 8:05pm 15-week
1554 PHYS121-11LB TH 5:30pm - 8:00pm 15-week
Note: Students must register for corresponding lecture (LC) and lab (LB).
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

PHYS 151 - General Physics I (4)
Gen Ed Science
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) and (MATH 185 or MA 210)
(formerly PY 203)
Introduces the physical and chemical processes that occur along the surface of the earth and within the earth's interior. Topics include plate tectonics, earthquakes, volcanoes, rocks and minerals, geologic maps, and the origin and continual modification of surface features. Meets the requirement for a general education science lab course.
1555 PHYS151-11LC T 12:30pm - 3:05pm 15-week
1556 PHYS151-11LB TH 12:30pm - 3:00pm 15-week
1557 PHYS151-21LC M 5:30pm - 8:05pm 15-week
1558 PHYS151-21LB W 5:30pm - 8:00pm 15-week
Note: Students must register for corresponding lecture (LC) and lab (LB).
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

PHYS 252 - General Physics II (4)
Gen Ed Science
Prerequisites: (PHYS 151 or PY 203) and (MATH 195 or MA 211)
(formerly PY 204)
Introduces the physical and chemical processes that occur along the surface of the earth and within the earth's interior. Topics include plate tectonics, earthquakes, volcanoes, rocks and minerals, geologic maps, and the origin and continual modification of surface features. Meets the requirement for a general education science lab course.
1559 PHYS252-11LC M 9:30am - 12:05pm 15-week
1560 PHYS252-11LB W 9:30am - 12:00pm 15-week
Note: Students must register for corresponding lecture (LC) and lab (LB).
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

PHSC 122 - Historical Geology offered spring semester only.

PHSC 121 - Physical Geology offered fall semester only.

PHYS Notes:
1560 PHYS252-11LB W 9:30am - 12:00pm 15-week
Presents the second of a three-course introductory sequence to physics using calculus. Topics include thermodynamics, and electricity and magnetism.
1559 PHYS252-11LC M 9:30am - 12:00pm 15-week
Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

PLAC: Prior Learning Assessment Course

PLAC 101 - Prior Learning Assessment: Portfolio Development (1)
Prerequisite: ENGL 101
Examines and applies college-level learning gained from life experiences that align with specific courses offered in the college and are related to their educational goals. Students will document experiential learning through the assembling of various components into a portfolio, demonstrating an understanding of the portfolio development process of collecting, selecting, reflecting, and projecting. The Prior Learning Assessment (PLA) portfolio development course provides a series of structured activities and strategic approaches for students to prepare petitions to submit portfolios for credit from prior learning.
2128 PLAC101-ONL1 ONLINE 13-week

POSC: Political Science

POSC 104 - American Government (3)
Gen Ed Political Science
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73)
(formerly PI 104)
Covers basic principles of the national government: structures, powers and operations of the Congress, the Presidency, and the Judiciary; citizenship; elections; political parties; and interest groups.
1761 POSC104-1 TTH 12:30pm - 1:45pm 15-week
2226 POSC104-2 M 6:00pm - 8:30pm 15-week
1763 POSC104-ONL1 ONLINE 15-week

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

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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PSYC 101</td>
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<td>Gen Ed Psychology</td>
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<td>Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) (formerly PS 101)</td>
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<td></td>
<td>Emphasizes the major factors that influence human behavior, including behavioral neuroscience, perceptual processes, consciousness, intelligence, personality and psychological disorders.</td>
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<td>2014</td>
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Note: This web enhanced course requires completion of selected online assignments.

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<td>PSYC 101H</td>
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<td></td>
<td>Emphasizes the major factors that influence human behavior, including behavioral neuroscience, perceptual processes, consciousness, intelligence, personality and psychological disorders</td>
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<td>1832</td>
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<td>15-week</td>
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Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

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<tbody>
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<td>PSYC 104</td>
<td>Issues of Drug/Alcohol Use (3)</td>
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<td>Gen Ed Psychology</td>
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<td></td>
<td>Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) (formerly PS 104)</td>
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<td>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.</td>
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<td>PSYC 104-ONL1</td>
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<td>Gen Ed Psychology</td>
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<td></td>
<td>Prerequisite: ENGL 101 (formerly PS 202)</td>
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<td>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.</td>
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<td>PSYC 202-ONL1</td>
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### RESP: Respiratory Care

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<th>Title</th>
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<th>Schedule</th>
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<tbody>
<tr>
<td>RESP 100</td>
<td>Introduction to Respiratory Care (2)</td>
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<td></td>
<td>Prerequisite: BSCI 201 or BI 103 (formerly RC 100)</td>
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<td></td>
<td>Introduces respiratory care as a profession, including the healthcare environment and the respiratory care practitioner's role on the healthcare team. Specific topics include the holistic concept of patient care, psychosocial issues with particular attention to death and dying, medicolegal and ethical considerations of respiratory care, and professional interpersonal relationships. Topics also include medical terminology, infection control techniques, and physical assessment methods.</td>
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<tr>
<td>1050</td>
<td>RESP 100-1</td>
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<tbody>
<tr>
<td>RESP 101</td>
<td>Gas Exchange Physiology (2)</td>
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<td></td>
<td>Prerequisite: BSCI 201 or BI 103 (formerly RC 104)</td>
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<td>Focuses on the structure and function of the lung as related to gas exchange, diffusion, perfusion and ventilation-perfusion relationships. Emphasizes oxygen and carbon dioxide transport abnormalities in the gas exchange mechanisms. This will lead to and be integrated with clinical applications and interpretations of arterial blood-gas analysis.</td>
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<tr>
<td>1054</td>
<td>RESP 101-1</td>
<td>3</td>
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<td>15-week</td>
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<th>Title</th>
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<th>Schedule</th>
<th>Type</th>
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<tbody>
<tr>
<td>RESP 102</td>
<td>Fundamentals of Respiratory Care (4)</td>
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<td></td>
<td>Prerequisite: BSCI 201 or BI 103 (formerly RC 102)</td>
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<td>Introduces basic respiratory care modalities, including medical gas therapy, aerosol and humidity therapy, hyperinflation therapy, and bronchial hygiene therapy. Laboratory portion of the course provides practical experience performing procedures presented in the didactic portion of the course in a controlled laboratory setting.</td>
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<tr>
<td>1051</td>
<td>RESP 102-1LC</td>
<td>3</td>
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<td>15-week</td>
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<tr>
<td>1052</td>
<td>RESP 102-11LB</td>
<td>3</td>
<td>T 10:00am - 11:25am</td>
<td>15-week</td>
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<tr>
<td>1053</td>
<td>RESP 102-12LB</td>
<td>3</td>
<td>T 11:30am - 1:00pm</td>
<td>15-week</td>
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Note: Students must register for corresponding lecture (LC) and lab (LB).

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<tr>
<td>RESP 200</td>
<td>Pulmonary Diagnostics (2)</td>
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<td>Prerequisite: RESP 110 (formerly RC 206)</td>
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<td>Includes a detailed analysis of all major parameters of ventilatory measurement as well as diagnostic significance of deviations from predicted normal values.</td>
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<tr>
<td>1061</td>
<td>RESP 200-1</td>
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<td>RESP 201</td>
<td>Cardiac Monitoring and Diagnostics (4)</td>
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<td>RESP 202</td>
<td>Neonatal and Pediatric Respiratory Care (3)</td>
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<td>RESP 203</td>
<td>Clinical Practicum III (2)</td>
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<td>RUSS 101</td>
<td>Introductory Russian I (3)</td>
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<td>SOCY 101</td>
<td>Introduction to Sociology (3)</td>
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<td>SOCY 102</td>
<td>Social Problems (3)</td>
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<td>SOCY 210</td>
<td>Ethnic Diversity (3)</td>
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**World Languages Program Manager.**

Introductory level language courses are not open to native or fluent speakers of the target language. These sections require regular access to the Internet as most of the resources are in a digital format. Note that certain no/low cost textbook courses (e.g., science labs, art studio classes) have textbooks available for less than $40 but may require purchase of additional course materials and supplies.
SOCY 212 - Gender and Society (3)
Gen Ed Sociology, Cultural Competence
Prerequisite: ENGL 101 or SOCY 101
(formerly SO 212)
Introduces the scientific study of women as a multicultural group. Reviews material from the fields of
psychology, sociology, anthropology, and medicine as it related to women. Particular effort will be made
to address the experiences of women of varied races, ethnic groups, classes, national origins, and sexual
orientations so that the whole concept of gender may be broadened to take these different experiences
and different concerns into account.

1846 SOCY212-1 MW 11:00am - 12:15pm 15-week
2171 SOCY212-2 T 7:45pm - 9:00pm 15-week

SPAN: World Languages: Spanish

SPAN 101 - Introductory Spanish I (3)
Gen Ed Humanities
(formerly LS 101)
Introduces the fundamentals of Spanish grammar and vocabulary. Develops oral and reading skills in
the language and competence in answering basic questions. Through the reading of lifelike dialogues,
students gain insight into Spanish culture, thought, and expression.

1172 SPAN101-1 MW 9:30am - 10:45am 15-week
1173 SPAN101-2 MW 11:00am - 12:15pm 15-week
1810 SPAN101-3 TTH 2:00pm - 3:15pm 15-week
1174 SPAN101-WE1 TTH 11:00am - 12:15pm 13-week
This web enhanced course requires completion of selected online assignments.

1175 SPAN101-4 TTH 12:30pm - 1:45pm 15-week
1809 SPAN101-5 T 6:00pm - 8:35pm 15-week
1176 SPAN101-ONL1 ONLINE 15-week
Note: Introductory level language courses are not open to native or fluent speakers of the target language.
These are beginning language courses. Students with prior language knowledge should discuss placement
with the World Languages Program Manager.

SPAN 102 - Introductory Spanish II (3)
Gen Ed Humanities
Prerequisite: SPAN 101 or permission of program manager
(formerly LS 102)
Continues to build upon the structures learned in SPAN 101. Students will improve fluency as they learn
new grammar and vocabulary. Through the reading of lifelike dialogues, students gain insight into
Spanish culture, thought, and expression.

1177 SPAN102-1 MW 11:00am - 12:15pm 15-week
1956 SPAN102-ONL1 ONLINE 15-week

SPAN 201 - Intermediate Spanish I (3)
Gen Ed Humanities, Cultural Competence
Prerequisite: SPAN 102
(formerly LS 201)
Presents advanced grammar and composition with selected readings pertinent to the intermediate level.
Group discussions in Spanish and increased emphasis on reading, writing, and intercultural competence.

1178 SPAN201-1 TTH 12:30pm - 1:45pm 15-week

SPAN 211 - Spanish Conversation I (3)
Gen Ed Humanities
Prerequisite: SPAN 102 or permission of program manager
(formerly LS 211)
Develops oral fluency and language skills through interpretation and discussion of select readings, videos, songs and cultural experiences.

1179 SPAN211-1 TTH 2:00pm - 3:15pm 15-week

SURG: Surgical Technology

SURG 120 - Surgery Essentials (3)
Prerequisites: (MEDA 108 or MEDA 109) and (BSCI 202 or BI 104)
(formerly ST 120)
Provides an introduction to the surgical environment and the essential skills required of a surgical
technologist. Emphasizes the fundamental concepts of sterile technique, critical thinking, and
professionalism. Application and demonstration of essential surgical technology skills and concepts are
required to advance in the program.

1063 SURG120-1LC SAT 8:00am - 12:00pm 1st 5-week
T 12:00pm - 7:00pm 1st 5-week
Note: Additional fee: $100; An additional fee of $100 will be collected at Registration to cover the cost of
lab supplies. Students must register for the lecture (1LC) and choose one of the following labs: 11LB, 12LB,
or 13LB.

1096 SURG120-11LB WTH 10:00am - 1:00pm 1st 5-week
1097 SURG120-12LB WTH 2:00pm - 5:00pm 1st 5-week
2202 SURG120-13LB SAT 12:00pm - 3:00pm 1st 5-week
W 5:00pm - 8:00pm 1st 5-week

SURG 125 - Fundamentals of Surgical Technology I (6)
Prerequisite: SURG 120
(formerly ST 100)
Develops concepts, skills, and attitudes required by students to perform as members of a surgical team.
Simulated practice time in the on-campus lab and didactic instruction prepare the student for the clinical
practicum component of this course. Evidence of competence is essential in sterile technique and basic
skills.

1065 SURG125-1LC SAT 8:00am - 12:00pm 2nd 10-week
Note: Additional fee: $100; An additional fee of $100 will be collected at Registration to cover the cost of drug
testing and Fingerprinting. Students must register for SURG125-1LC (lecture), SURG125-11LB (lab), and one of
the following additional labs: SURG125-12LB, SURG125-13LB, or SURG125-14LB.

1066 SURG125-11LB WTHF 5:40pm - 7:00pm 2nd 10-week
Note: SURG125-11LB held at hospital

1067 SURG125-12LB WTH 10:00am - 1:00pm 2nd 10-week
2098 SURG125-13LB WTH 2:00pm - 5:00pm 2nd 10-week
2099 SURG125-14LB SAT 12:00pm - 3:00pm 2nd 10-week
W 5:00pm - 8:00pm 2nd 10-week

SURG 130 - Introduction to Surgical Technology (6)
Cultural Competence
(formerly ST 101)
Provides an overview of the functions of the surgical technologist in the perioperative environment.
Integrates the fundamental principles and protocols of microbiology, sterile technique, pharmacology,
medication calculations, anesthesia, ethical and legal considerations, mindfulness, cultural competence
and inclusion, patient care concepts, all-hazards preparation, and teamwork.

1068 SURG130-1LC T 12:00pm - 7:00pm 2nd 10-week

SURG 135 - Fundamentals of Surgical Technology II (5)
Prerequisite: SURG 125 or ST 100
(formerly ST 105)
Develops fundamental surgical technology principles, practices, and protocols. Proficiency to be
demonstrated in sterile and nonsterile roles during the perioperative phases of invasive diagnostic
and surgical procedures.

2244 SURG135-11LB WTH 6:45am - 7:00pm 1st 5-week
Note: SURG135-11LB held at hospital. Students must register for the lecture (1LC) and lab (11LB).
SURG 200 - Fundamentals of Surgical Technology III (6)
Prerequisite: SURG 135 or ST 105
Provides theory and practice related to the dynamic role of the surgical technologist in the perioperative setting. Emphasizes application of the fundamental principles, practices, and protocols for surgical technologists in complex procedures in preparation for employment in the field. Evidence of critical thinking, precise application of sterile technique, and professionalism is required. Prepares the student to sit for the national certification examination in surgical technology.

2203 SURG200-1LC M 9:00am - 2:00pm 2nd 5-week
2204 SURG200-11LB WTHF 6:45am - 3:00pm 2nd 5-week
Note: SURG200-11LB held at hospital; Students must register for the lecture (1LC) and lab (11LB).

SURG 205 - Fundamentals of Surgical Technology IV (6)
Prerequisite: SURG 135 or ST 105
Provides theory and practice related to the dynamic role of the surgical technologist in the perioperative setting. Emphasizes application of the fundamental principles, practices, and protocols for surgical technologists in complex procedures in preparation for employment in the field. Evidence of critical thinking, precise application of sterile technique, and professionalism is required. Prepares the student to sit for the national certification examination in surgical technology.

2205 SURG205-1LC WTH 9:00am - 12:00pm 11/20/19 - 12/12/19
2206 SURG205-11LB WTHF 6:45am - 3:00pm 11/6/19 - 11/15/19
Note: SURG205-11LB held at hospital; Students must register for the lecture (1LC) and lab (11LB).

THEA: Theater

THEA 101 - Introduction to Theatre (3)
Gen Ed Arts
Prerequisites: (ENGL 70 or ENGL 75) OR (ESOL 72 and ESOL 73) OR Co-requisite: ENGL 75
(formerly THR 101)
Introduces the history of drama and the theatre through reading, viewing and discussing plays.

1251 THEA101-1 TTH 11:00am - 12:15pm 15-week

THEA 102 - Introduction to Acting (3)
(formerly THR 102)
Offers a basic study of acting, through both a historical perspective and in-depth exercises.

1252 THEA102-1 MW 11:00am - 12:15pm 15-week
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

THEA 107 - Improvisation I (3)
(formerly THR 107)
Provides students with a basic overview of modern improvisation techniques. Emphasis will be placed on techniques used to build confidence, creativity, critical thinking, and learn team building skills. Course offers an introduction of improvisation as a tool for professional auditions and performances.

1253 THEA107-1C TTH 2:00pm - 3:15pm 15-week
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

THEA 121 - Stagecraft (3)
(formerly THR 121)
Explores all technical aspects of play production, with emphasis on set construction, scene painting, properties and stage lighting. Provides laboratory experience in conjunction with campus theater productions.

1254 THEA121-1 T 3:30pm - 6:05pm 15-week
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

THEA 204 - Production Survey (1)
Prerequisite: Permission of instructor
(formerly THR 204)
Provides experience in a campus theater production as a member of the production crew. May be taken for credit three times.

1255 THEA204-1 TBA - 15-week
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

THEA 205 - Acting Survey (1)
Prerequisite: Permission of instructor
(formerly THR 205)
Provides experience in a campus theater production as a member of the cast. May be taken for credit three times.

1256 THEA205-1 TBA - 15-week
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

THEA 207 - Improvisation II (3)
Prerequisite: THEA 107
(formerly THR 207)
Explores advanced improvisation techniques for public presentation. Emphasis will be placed on advanced techniques used to build confidence, creativity, critical thinking, and learn team building skills. The class offers an in-depth exploration of improvisation as a tool for professional auditions, performance, and character building.

1257 THEA207-1C TTH 2:00pm - 3:15pm 15-week
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

THEA 212 - Theatre Internship (3)
Prerequisite: Permission of instructor
(formerly THR 212)
Offers an intensive study of theatrical performance, including both acting and stagecraft assignments. Students prepare a theatrical production through an internship with a professional theatre company in production, performance, business, or design.

1258 THEA212-1 TBA - 15-week
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

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ONLINE & HYBRID COURSES

Please read the following requirements before registering for an online or hybrid course.

Frederick Community College offers two types of courses over the Internet: hybrid courses and online courses. Hybrid courses require the student to attend some class sessions on campus; online courses do not. All online courses require one proctored assessment. Any course section with the letters “HYB” indicates a hybrid course. The mouse icon (ಠ) indicates online courses.

Both online and hybrid courses are taught on Blackboard™ and require that students:

- Have Internet access through broadband connection or Wi-Fi (wireless)
- Have access to a Windows, Mac, or Linux computer
- Have Windows 7 or higher, Mac OS X, or Linux with Ubuntu 14 or higher
- Have Internet Explorer 8 or higher, or the most recent version of Mozilla Firefox or Google Chrome, all with the most recent Java and Flash updates applied
- Establish a myFCC e-mail account;
- Have basic computer skills in word processing, e-mail procedures, web-browsing, and handling features such as pop-up blockers;
- Are responsible for maintaining appropriate security and virus protection when using the student’s own personal computer(s).

Students should expect to spend as much time on an Internet course as they would on a traditional on-campus course. Students should be self-motivated to handle the independent nature of learning that occurs in online courses.

Access to Blackboard: http://frederick.blackboard.com
User name Wxxxxxxx (where 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 email accounts. Please provide your full name and Student ID number. Typical response time is 24-48 hours depending on the information requested.

Note: Students will need to contact the Distributed Learning office at 301.846.2401 for permission to register in an online section after the third day of courses.

Registration & Records is pleased to announce a convenient, expedited transcript service for current and former students. Through a partnership with Parchment, students can order their official transcripts online to be sent electronically or through the mail (USPS).

Need your transcript expedited?
Students ordering a transcript through Parchment pay $5.00 for electronic delivery per transcript and $7.50 for transcripts sent through the mail. Students can expect transcripts requested through Parchment to be processed within 24 hours.
https://exchange.parchment.com/send/adds/index.php?main_page=login&s_id=ShOqCalAHW0imfs5

Not in a hurry?
Current students (enrolled in the last 2 years) with a student ID number can request transcripts through their Student Self Service portal. Current students who request this type of transcript delivery can expect processing time of 3-5 business days. There is no charge for transcripts processed through the Student Self Service portal.

Any former students who wish to order transcripts directly from FCC may do so using a Transcript Request Form. Completed forms may be mailed, faxed, e-mailed or dropped off in person. Processing time is 3-5 business days. This does not include postal time for mail delivery. There is no charge for this type of transcript.
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. Students are expected to be able to access Blackboard via the internet using personal, public, or appropriate College-available computers. Online coursework will be required for web-enhanced classes. Consult the course instructor regarding expectations for participation. Course websites may host learning resources including required reading and assessments. Blackboard access is also required to complete course evaluations. Google Chrome is the preferred browser. Students will need to contact the Distributed Learning Office at 301.846.2401 for permission to register in an online section after the third day of classes.

<table>
<thead>
<tr>
<th>ACCT: Accounting</th>
<th>BMGT 109 - Entrepreneurship and Small Business Enterprise (3)</th>
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</thead>
<tbody>
<tr>
<td>ACCT 101 - Principles of Accounting I (3)</td>
<td>1588 BMGT109-ONL1 ONLINE 2nd 7 1/2-week $</td>
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<td>1569 ACCT101-ONL1 ONLINE 15-week $</td>
<td>Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.</td>
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<tr>
<td>ACCT 102 - Principles of Accounting II (3)</td>
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<td>1573 ACCT102-ONL1 ONLINE 15-week $</td>
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<th>ANTH: Anthropology</th>
<th>BMGT 110 - Personal Financial Management (3)</th>
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<tr>
<td>ANTH 101 - Introduction to Anthropology (3)</td>
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<td>1700 ANTH101-ONL1 ONLINE 13-week $</td>
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<td>1987 ANTH101-ONL2 ONLINE 2nd 7 1/2-week $</td>
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<th>ARTT: Art</th>
<th>BMGT 120 - Business Communications (3)</th>
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<td>ARTT 100 - Introduction to the Creative Arts (3)</td>
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<td>1072 ARTT100-ONL1 ONLINE 15-week</td>
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<td>2251 ARTT100-ONL2 ONLINE 2nd 7 1/2-week $</td>
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<td>ARTT 104 - The History of Art: Prehistoric to Early Renaissance (3)</td>
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<tr>
<th>BIOT: Biotechnology</th>
<th>BMGT 111 - Business Law (3)</th>
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<tr>
<td>BIOT 102 - Introduction to Biotechnology (3)</td>
<td>1592 BMGT111-ONL1 ONLINE 15-week $</td>
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<tr>
<td>1497 BIOT102-ONL1 ONLINE 15-week</td>
<td>Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.</td>
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<td>BIOT 130 - Forensic Biology (4)</td>
<td>2127 BMGT112-ONL1 ONLINE 2nd 7 1/2-week $</td>
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<td>1490 BIOT130-ONL1 ONLINE 15-week</td>
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<tr>
<td>BIOT 140 - Biotechnology and Society (3)</td>
<td>2144 BMGT114-ONL1 ONLINE 2nd 7 1/2-week $</td>
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<tr>
<td>1585 BMGT103-ONL3 ONLINE 15-week $</td>
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</table>

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### BSCI: Biological Science

<table>
<thead>
<tr>
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<th>Course Name</th>
<th>Weekdays</th>
<th>Time</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BSCI 105</td>
<td>Human Ecology (3)</td>
<td>ONLINE</td>
<td>13-week</td>
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<tr>
<td>BSCI 107</td>
<td>Study of the Human Body (3)</td>
<td>ONLINE</td>
<td>13-week</td>
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### CCJS: Criminal Justice

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<th>Weekdays</th>
<th>Time</th>
<th>Credits</th>
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<td>CCJS 101</td>
<td>Introduction to Criminal Justice (3)</td>
<td>ONLINE</td>
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### CHEM: Chemistry

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<th>Time</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CHEM 101</td>
<td>General Chemistry I (4)</td>
<td>ONLINE</td>
<td>15-week</td>
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Note: CHEM 101 in the online format is very intense. Completion of high school chemistry and a strong science background is recommended. Students should be prepared to work hard to do well in this class.

### CMIS: Computer and Information Sciences

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Weekdays</th>
<th>Time</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CMIS 101</td>
<td>Information Systems and Technology (3)</td>
<td>ONLINE</td>
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<tr>
<td>CMIS 106</td>
<td>Object Design and Programming (3)</td>
<td>ONLINE</td>
<td>13-week</td>
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<tr>
<td>CMIS 111E</td>
<td>Spreadsheets (3)</td>
<td>ONLINE</td>
<td>13-week</td>
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<tr>
<td>CMIS 111L</td>
<td>UNIX/Linux Operating System (3)</td>
<td>ONLINE</td>
<td>2nd 10-week</td>
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<tr>
<td>CMIS 111R</td>
<td>Business Software Applications (3)</td>
<td>ONLINE</td>
<td>2nd 10-week</td>
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<tr>
<td>CMIS 117</td>
<td>Data Science Essentials (3)</td>
<td>ONLINE</td>
<td>2nd 10-week</td>
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<tr>
<td>CMIS 120</td>
<td>PC Operating Systems (3)</td>
<td>ONLINE</td>
<td>13-week</td>
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<tr>
<td>CMIS 121</td>
<td>PC Repair &amp; Diagnostics (3)</td>
<td>ONLINE</td>
<td>13-week</td>
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<tr>
<td>CMIS 173</td>
<td>Healthcare Information Technology (3)</td>
<td>ONLINE</td>
<td>2nd 7 1/2-week</td>
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Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

### CMTE: Construction Management Technology

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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<th>Time</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CMTE 101</td>
<td>Construction Management (3)</td>
<td>ONLINE</td>
<td>15-week</td>
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</tbody>
</table>

### Notes:
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### COMM: Communications

**COMM 103 - Public Speaking (3)**  
1148 COMM103-ONL1  |  ONLINE  |  15-week  |  $  
Note: Four mandatory on-campus meetings: Wednesdays, 6:00pm-8:00pm on 9/12, 10/10, 11/7, and 12/5.  
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

**COMM 107 - Career Communication (3)**  
1166 COMM107-ONL1  |  ONLINE  |  15-week  
Note: Mandatory on-campus session: Saturday, 10/26/19 at 8:30am-12:30pm.  
Inclement Weather make-up date: Saturday, 11/2/19 at 8:30am-12:30pm.

**COMM 111 - Introduction to Mass Communication (3)**  
1118 COMM111-ONL1  |  ONLINE  |  5-week  

### ECED: Early Childhood Development

**ECED 101 - Child Development & Behavior (3)**  
1723 ECED101-ONL1  |  ONLINE  |  15-week  

**ECED 105 - Introduction to Early Childhood Education (3)**  
1709 ECED105-ONL1  |  ONLINE  |  15-week  

**ECED 125 - Methods and Materials in Early Childhood (3)**  
1711 ECED125-ONL1  |  ONLINE  |  15-week  

**ECED 135 - Infants & Toddlers Development and Care (3)**  
1712 ECED135-ONL1  |  ONLINE  |  2nd 7 1/2-week  

**ECED 145 - Child Health, Safety and Nutrition (3)**  
2057 ECED145-ONL1  |  ONLINE  |  15-week  

**ECED 155 - Activities for the School-Age Child (3)**  
1961 ECED155-ONL1  |  ONLINE  |  1st 7 1/2-week  

### ECON: Economics

**ECON 201 - Principles of Macroeconomics (3)**  
1673 ECON201-ONL1  |  ONLINE  |  15-week  |  $  
2110 ECON201-ONL2  |  ONLINE  |  15-week  |  $  
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

**ECON 202 - Principles of Microeconomics (3)**  
1677 ECON202-ONL1  |  ONLINE  |  15-week  |  $  
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

### EDPS: Educational Psychology

**EDPS 210 - Human Growth and Development (3)**  
2012 EDPS210-ONL1  |  ONLINE  |  15-week  |  $  
1730 EDPS210-ONL2  |  ONLINE  |  13-week  |  $  
2224 EDPS210-ONL3  |  ONLINE  |  1st 7 1/2-week  |  $  
1731 EDPS210-ONL4  |  ONLINE  |  2nd 7 1/2-week  |  $  
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

### EDUC: Education

**EDUC 220 - Educational Psychology (3)**  
1718 EDUC220-ONL1  |  ONLINE  |  15-week  

**EDUC 230 - Foundations of Special Education (3)**  
1720 EDUC230-ONL1  |  ONLINE  |  15-week  

**EDUC 240 - Processes and Acquisition of Reading (3)**  
1722 EDUC240-ONL1  |  ONLINE  |  15-week  |  $  
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

### EMGT: Emergency Management

**EMGT 101 - Disaster, Crisis, and Emergency Management (3)**  
1805 EMGT101-ONL1  |  ONLINE  |  15-week  

**EMGT 104 - Disaster Response and Recovery (3)**  
1959 EMGT104-ONL1  |  ONLINE  |  15-week  

**EMGT 111 - Preparing and Securing the Homeland (3)**  
2225 EMGT111-ONL1  |  ONLINE  |  15-week  

**EMGT 130 - Integrated Emergency Management (3)**  
1895 EMGT130-ONL1  |  ONLINE  |  15-week  

**EMGT 201 - Public Safety GIS and Technology (3)**  
1896 EMGT201-ONL1  |  ONLINE  |  15-week  

### ENGL: English

**ENGL 101 - English Composition (3)**  
1365 ENGL101-ONL1  |  ONLINE  |  15-week  
1366 ENGL101-ONL2  |  ONLINE  |  15-week  
1367 ENGL101-ONL3  |  ONLINE  |  1st 10-week  |  $  
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

**ENGL 102 - English Composition and Literature (3)**  
1395 ENGL102-ONL1  |  ONLINE  |  15-week  
1396 ENGL102-ONL2  |  ONLINE  |  1st 7 1/2-week  
1393 ENGL102-ONL3  |  ONLINE  |  2nd 7 1/2-week  

**ENGL 216 - The Short Story (3)**  
1820 ENGL216-ONL1  |  ONLINE  |  15-week  

**ENGL 219 - Technical Writing (3)**  
2104 ENGL219-ONL1  |  ONLINE  |  15-week  

**ENGL 231 - English Language Studies (3)**  
1401 ENGL231-ONLC  |  ONLINE  |  15-week  

**ENGL 231H - English Language Studies (3)**  
1402 ENGL231H-ONLC  |  ONLINE  |  15-week  

### FILM: Film & Video

**FILM 101 - Introduction to Film (3)**  
1121 FILM101-ONL1  |  ONLINE  |  15-week  
1122 FILM101-ONL2  |  ONLINE  |  2nd 7 1/2-week
FREN: World Languages: French

FREN101 - Introductory French I (3)
1169 FREN101-ONL1 ONLINE 15-week $  
Note: Introductory level language courses are not open to native or fluent speakers of the target language. These are beginning language courses. Students with prior language knowledge should discuss placement with the World Languages Program Manager. $Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

GEOG: Geography

GEOG 102 - Cultural Geography (3)
1734 GEOG102-ONL1 ONLINE 13-week

GISA: Geographic Information Systems

GISA 101 - Introduction to Geographic Information Systems with ArcGIS (3)
2179 GISA101-ONL1 ONLINE 15-week

HCTI: Hospitality Culinary Tourism Institute

HCTI 101 - Sanitation and Food Safety (1)
1856 HCTI101-ONL1 ONLINE 1st 5-week  
Note: Class held at FCC’s Monroe Center

HIST: History

HIST 101 - History of Western Civilization I (3)
1737 HIST101-ONL1 ONLINE 13-week
HIST 201 - History of the United States I (3)
1742 HIST201-ONL1 ONLINE 15-week $  
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

HLTH: Health Education

HLTH 150 - Health Education (3)
1024 HLTH150-ONL1 ONLINE 15-week
2117 HLTH150-ONL2 ONLINE 15-week
HLTH 160 - Stress Management (3)
1018 HLTH160-ONL1 ONLINE 15-week
1019 HLTH160-ONL2 ONLINE 15-week

HONR: Honors

ENGL 231H - English Language Studies (3)
1402 ENGL231H-ONLC ONLINE 15-week

HUMN: Humanities

HUMN 204 - World Religions (3)
1246 HUMN204-ONL1 ONLINE 15-week $  
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.

HUMS: Human Services

HUMS 102 - Human Relations (3)
1754 HUMS102-ONL1 ONLINE 15-week
2119 HUMS102-ONL2 ONLINE 15-week

LGST: Legal Studies

LGST 103 - Ethics for the Legal Professional (3)
1828 LGST103-ONL1 ONLINE 15-week
LGST 104 - Contracts (3)
1829 LGST104-ONL1 ONLINE 15-week
LGST 105 - Torts (3)
2094 LGST105-ONL1 ONLINE 15-week
LGST 106 - Technology for the Legal Profession (3)
1830 LGST106-ONL1 ONLINE 2nd 7 1/2-week

MATH: Mathematics

MATH 67 - Educator Preparation in Mathematics (0) [2]
1973 MATH67-ONL1 ONLINE 15-week
MATH 101 - Foundations of Mathematics (3)
1260 MATH101-ONL1 ONLINE 15-week $  
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.
MATH 120 - Statistics (3)
1293 MATH120-ONL1 ONLINE 15-week $  
1993 MATH120-ONL2 ONLINE 15-week $  
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.
MATH 125 - Business Statistics (3)
1839 MATH125-ONL1 ONLINE 15-week
MATH 145 - College Algebra (3)
1995 MATH145-ONL1 ONLINE 15-week
MATH 165 - Precalculus (4)
1269 MATH165-ONL1 ONLINE 15-week $  
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.
MATH 185 - Calculus I (4)
1306 MATH185-ONL1 ONLINE 15-week
MATH 220 - Introduction to MATLAB (1)
1312 MATH220-ONL1 ONLINE 1st 7 1/2-week $  
$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.
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<tr>
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<td>Basic Medical Terminology</td>
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<td>1st 7 1/2-week</td>
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<tr>
<td>MEDA 109</td>
<td>Medical Terminology</td>
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<tr>
<td>MEDA 209</td>
<td>Pharmacology for Medical Office Practice</td>
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<td>Nutrition Basics</td>
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<tr>
<td>NUTR 102</td>
<td>Nutrition in a Changing World</td>
<td>3</td>
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<tr>
<td>PHED 148</td>
<td>Exercise Psychology</td>
<td>1</td>
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<tr>
<td>PHIL 101</td>
<td>Introduction to Philosophy</td>
<td>3</td>
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<tr>
<td>PHIL 207</td>
<td>Biomedical Ethics</td>
<td>3</td>
<td>1st 7 1/2-week</td>
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<tr>
<td>PHSC 104</td>
<td>Survey of Oceanography</td>
<td>3</td>
<td>1st 7 1/2-week</td>
</tr>
<tr>
<td>PHSC 112</td>
<td>Introduction to Earth Systems Science</td>
<td>3</td>
<td>1st 7 1/2-week</td>
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<tr>
<td>PHSC 115</td>
<td>Introduction to Meteorology</td>
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<tr>
<td>PLAC 101</td>
<td>Prior Learning Assessment: Portfolio Development</td>
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<td>POSC 104</td>
<td>American Government</td>
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</table>

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 digital format. Note that certain no/low cost textbook courses (e.g., science labs, art studio classes) have textbooks available for less than $40 but may require purchase of additional course materials and supplies.
PSYC: Psychology

PSYC 101 - General Psychology (3)
1777 PSYC101-ONL1 ONLINE 15-week
1778 PSYC101-ONL2 ONLINE 15-week
1786 PSYC101-ONL3 ONLINE 2nd 7 1/2-week

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

PSYC 104 - Issues of Drug/Alcohol Use (3)
1779 PSYC104-ONL1 ONLINE 13-week

PSYC 202 - Social Psychology (3)
1782 PSYC202-ONL1 ONLINE 13-week

PSYC 206 - Abnormal Psychology (3)
1785 PSYC206-ONL1 ONLINE 13-week

SOCI: Sociology

SOCI 101 - Introduction to Sociology (3)
1796 SOCY101-ONL1 ONLINE 15-week
1797 SOCY101-ONL2 ONLINE 15-week
1803 SOCY101-ONL3 ONLINE 13-week

SOCI 102 - Social Problems (3)
2058 SOCY102-ONL1 ONLINE 15-week

SOCI 201 - Criminology (3)
1801 SOCY201-ONL1 ONLINE 15-week

SOCI 210 - Ethnic Diversity (3)
1759 SOCY210-ONL1 ONLINE 15-week

SPAN: World Languages: Spanish

SPAN 101 - Introductory Spanish I (3)
1176 SPAN101-ONL1 ONLINE 15-week

Note: Introductory level language courses are not open to native or fluent speakers of the target language. These are beginning language courses. Students with prior language knowledge should discuss placement with the World Languages Program Manager.

SPAN 102 - Introductory Spanish II (3)
1956 SPAN102-ONL1 ONLINE 15-week

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
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. Students are expected to be able to access Blackboard via the internet using personal, public, or appropriate College-available computers. Online coursework will be required for web-enhanced classes. Consult the course instructor regarding expectations for participation. Course websites may host learning resources including required reading and assessments. Blackboard access is also required to complete course evaluations. Google Chrome is the preferred browser. Students will need to contact the Distributed Learning Office at 301.846.2401 for permission to register in an online section after the third day of classes.

### ACCE: Academic and Career Engagement

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Days</th>
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<th>Session Length</th>
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</thead>
<tbody>
<tr>
<td>ACCE 130</td>
<td>Career Assessment and Planning (3)</td>
<td>TTH</td>
<td>9:30am - 10:45am</td>
<td>1st 7 1/2-week</td>
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<tr>
<td>ACCE 130-HYB1</td>
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<td>TTH</td>
<td>9:30am - 10:45am</td>
<td>2nd 7 1/2-week</td>
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### ACCT: Accounting

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Days</th>
<th>Start Time - End Time</th>
<th>Session Length</th>
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<tbody>
<tr>
<td>ACCT 101</td>
<td>Principles of Accounting I (3)</td>
<td>T</td>
<td>6:00pm - 8:35pm</td>
<td>1st 7 1/2-week</td>
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<tr>
<td>1568 ACCT101-HYB1</td>
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<td>T</td>
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<td>$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.</td>
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<tr>
<td>ACCT 102</td>
<td>Principles of Accounting II (3)</td>
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<td>$Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.</td>
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<tr>
<td>ACCT 111</td>
<td>Computerized Accounting (3)</td>
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<td>15-week</td>
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<tr>
<td>1574 ACCT111-HYB1</td>
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<td>Note: Class meets on-campus 08/26 and 12/9; Students advised to purchase book with software from FCC Bookstore.</td>
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<tr>
<td>ACCT 201</td>
<td>Intermediate Accounting I (4)</td>
<td>M</td>
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<td>15-week</td>
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<tr>
<td>1575 ACCT201-HYB1</td>
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<td>Note: Class meets on-campus: 9/4, 9/11, 9/18, 10/23, 10/30, and 11/6</td>
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<tr>
<td>ACCT 203</td>
<td>Managerial Cost Accounting (3)</td>
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<tr>
<td>1576 ACCT203-HYB1</td>
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<td>Note: Class meets on-campus: 8/26 and 12/9; Students advised to purchase book with software from FCC Bookstore.</td>
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### ASLS: American Sign Language Studies

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<th>Session Length</th>
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<tbody>
<tr>
<td>ASLS 124</td>
<td>Introduction to Deaf Community and History (3)</td>
<td>T</td>
<td>5:30pm - 6:45pm</td>
<td>15-week</td>
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<tr>
<td>1968 ASLS124-HYB1</td>
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<td>5:30pm - 6:45pm</td>
<td>Note: Class meets on-campus: 8/26 and 12/9; Students advised to purchase book with software from FCC Bookstore.</td>
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### BLDT: Building Trades

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<th>Course Title</th>
<th>Days</th>
<th>Start Time - End Time</th>
<th>Session Length</th>
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<tbody>
<tr>
<td>BLDT 110</td>
<td>Fundamentals of HVACR (4)</td>
<td>TTH</td>
<td>6:00pm - 7:15pm</td>
<td>1st 7 1/2-week</td>
</tr>
<tr>
<td>1329 BLDT110-HYB1</td>
<td></td>
<td>TTH</td>
<td>6:00pm - 7:15pm</td>
<td>Note: Class held at FCC’s Monroe Center, Building Trades fee: $71.40</td>
</tr>
<tr>
<td>BLDT 111</td>
<td>Controls for HVACR (3)</td>
<td>TTH</td>
<td>6:00pm - 7:15pm</td>
<td>2nd 7 1/2-week</td>
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<tr>
<td>1330 BLDT111-HYB1</td>
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<td>TTH</td>
<td>6:00pm - 7:15pm</td>
<td>Note: Class held at FCC’s Monroe Center, Building Trades fee: $71.40</td>
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<tr>
<td>BLDT 113</td>
<td>Fossil Fuels &amp; Hydronic Heating (3)</td>
<td>MW</td>
<td>6:00pm - 7:15pm</td>
<td>2nd 7 1/2-week</td>
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<tr>
<td>1331 BLDT113-HYB1</td>
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<td>MW</td>
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<td>Note: Class held at FCC’s Monroe Center, Building Trades fee: $71.40</td>
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<tr>
<td>BLDT 140</td>
<td>Fundamentals of Structural Wiring (4)</td>
<td>MW</td>
<td>6:00pm - 8:30pm</td>
<td>1st 7 1/2-week</td>
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<tr>
<td>1893 BLDT140-HYB1</td>
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<td>MW</td>
<td>6:00pm - 8:30pm</td>
<td>Note: Class held at FCC’s Monroe Center, Building Trades fee: $71.40</td>
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<tr>
<td>BLDT 143</td>
<td>Specialized Systems (3)</td>
<td>TTH</td>
<td>6:00pm - 8:30pm</td>
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<td>1894 BLDT143-HYB1</td>
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<td>Note: Class held at FCC’s Monroe Center, Building Trades fee: $71.40</td>
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<tr>
<td>BLDT 212</td>
<td>HVAC Installation &amp; Troubleshooting (3)</td>
<td>MW</td>
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<tr>
<td>1844 BLDT212-HYB1</td>
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</tr>
<tr>
<td>BLDT 242</td>
<td>Commercial Electric (3)</td>
<td>MW</td>
<td>6:00pm - 8:30pm</td>
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<tr>
<td>1893 BLDT242-HYB1</td>
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<td>MW</td>
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<td>Note: Class held at FCC’s Monroe Center, Building Trades fee: $71.40</td>
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### BMGT: Business Studies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Days</th>
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<th>Type</th>
<th>Location</th>
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<tbody>
<tr>
<td>BMGT 103</td>
<td>Introduction to Business (3)</td>
<td>M</td>
<td>9:30am - 11:15am</td>
<td>15-week</td>
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<tr>
<td>BMGT 109</td>
<td>Entrepreneurship and Small Business Enterprise (3)</td>
<td>TH</td>
<td>6:00pm - 9:00pm</td>
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<tr>
<td>BMGT 120</td>
<td>Business Communications (3)</td>
<td>TH</td>
<td>11:00am - 12:15pm</td>
<td>15-week</td>
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<tr>
<td>BSCI 201</td>
<td>Anatomy and Physiology I (4)</td>
<td>ONLINE</td>
<td>6:00pm - 9:00pm</td>
<td>15-week</td>
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<tr>
<td>BSCI 202</td>
<td>Anatomy and Physiology II (4)</td>
<td>ONLINE</td>
<td>12:30pm - 1:45pm</td>
<td>15-week</td>
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<tr>
<td>BMGT 211</td>
<td>Business Law (3)</td>
<td>T</td>
<td>6:00pm - 8:35pm</td>
<td>2nd 1/2-week</td>
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<tr>
<td>BMGT 227</td>
<td>Principles of Management (3)</td>
<td>M</td>
<td>6:00pm - 9:00pm</td>
<td>1st 1/2-week</td>
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<tr>
<td>BMGT 281</td>
<td>Global Awareness in the Work Environment (3)</td>
<td>T</td>
<td>12:30pm - 1:45pm</td>
<td>15-week</td>
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**Note:** No/Low Cost Textbooks: The textbook costs for this course section are under $40.

### CADT: Computer Aided Design Technology

<table>
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<th>Course Code</th>
<th>Course Name</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
<th>Location</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>CADT 101</td>
<td>AutoCAD I (3)</td>
<td>TH</td>
<td>5:00pm - 8:00pm</td>
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<tr>
<td>CADT 102</td>
<td>AutoCAD II (3)</td>
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<tr>
<td>CADT 110</td>
<td>Introduction to SolidWorks (3)</td>
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<tr>
<td>CADT 130</td>
<td>Revit (BIM) (3)</td>
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<td>CADT 150</td>
<td>Architectural Drawing and Design (3)</td>
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<td>CADT 210</td>
<td>Residential Architecture I (4)</td>
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<tr>
<td>CADT 220</td>
<td>Residential Architecture II (4)</td>
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<tr>
<td>CADT 230</td>
<td>Civil Drafting I with CAD (3)</td>
<td>W</td>
<td>5:00pm - 8:45pm</td>
<td>2nd 1/2-week</td>
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**Note:** No/Low Cost Textbooks: The textbook costs for this course section are under $40.

### CMIS: Computer and Information Sciences

<table>
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<tr>
<th>Course Code</th>
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<th>Time</th>
<th>Type</th>
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<tbody>
<tr>
<td>CMIS 101</td>
<td>Information Systems and Technology (3)</td>
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<tr>
<td>CMIS 105</td>
<td>Introduction to Programming (2)</td>
<td>T</td>
<td>2:30pm - 3:45pm</td>
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<tr>
<td>CMIS 106</td>
<td>Object Design and Programming (3)</td>
<td>T</td>
<td>5:15pm - 7:00pm</td>
<td>2nd 1/2-week</td>
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<tr>
<td>CMIS 101</td>
<td>Information Systems and Technology (3)</td>
<td>W</td>
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<tr>
<td>CMIS 105</td>
<td>Introduction to Programming (2)</td>
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<tr>
<td>CMIS 106</td>
<td>Object Design and Programming (3)</td>
<td>T</td>
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<td>Virtualization and Cloud Essentials (3)</td>
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<td>Data Analytics Using Spreadsheets (3)</td>
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<td>CMIS 121</td>
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<td>CMIS 175</td>
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<td>CMIS 176</td>
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<td>3D Modeling and Animation (3)</td>
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<td>Cybersecurity Fundamentals (3)</td>
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<td>Computer Science I (4)</td>
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<td>Computer Science II (4)</td>
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Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.
### ECON: Economics

<table>
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<tbody>
<tr>
<td>ECON 201</td>
<td>Principles of Macroeconomics (3)</td>
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<td>ECON 202</td>
<td>Principles of Microeconomics (3)</td>
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### EDPS: Educational Psychology

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<tbody>
<tr>
<td>EDPS 210</td>
<td>Human Growth and Development (3)</td>
<td>2nd 7 1/2 week</td>
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### EMGT: Emergency Management

<table>
<thead>
<tr>
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<th>Course Name</th>
<th>Schedule</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EMGT 221</td>
<td>Public Safety Leadership and Ethics (3)</td>
<td>15-week</td>
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<tr>
<td>EMGT 297</td>
<td>Emergency Management Capstone (3)</td>
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### ENGL: English

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Schedule</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENGL 75</td>
<td>Reading and Writing in the Academic Disciplines (0) [4]</td>
<td>15-week</td>
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</tr>
<tr>
<td>ENGL 101</td>
<td>English Composition (3)</td>
<td>15-week</td>
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<tr>
<td>ENGL 102</td>
<td>English Composition and Literature (3)</td>
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### GERM: World Languages: German

<table>
<thead>
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<tbody>
<tr>
<td>GERM 102</td>
<td>Introductory German II (3)</td>
<td>15-week</td>
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### HCTI: Hospitality Culinary Tourism Institute

<table>
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<th>Credits</th>
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<tbody>
<tr>
<td>HCTI 120</td>
<td>Purchasing &amp; Cost Control (3)</td>
<td>2nd 7 1/2-week</td>
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<tr>
<td>HCTI 150</td>
<td>Introduction to Hospitality Management (3)</td>
<td>1st 7 1/2-week</td>
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<tr>
<td>HCTI 155</td>
<td>Event Management (3)</td>
<td>1st 7 1/2-week</td>
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</tr>
<tr>
<td>HCTI 160</td>
<td>Hospitality Operations (3)</td>
<td>2nd 7 1/2-week</td>
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<tr>
<td>HCTI 220</td>
<td>Food and Beverage Operations (3)</td>
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<tr>
<td>HCTI 255</td>
<td>Applied Hospitality Management (3)</td>
<td>1st 7 1/2-week</td>
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<tr>
<td>HCTI 260</td>
<td>Hospitality Business Analysis (3)</td>
<td>2nd 7 1/2-week</td>
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</table>

### HLTH: Health Education

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>HLTH 160</td>
<td>Stress Management (3)</td>
<td>1st 7 1/2-week</td>
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</tr>
<tr>
<td>HLTH 104</td>
<td>Humanities in a Digital World (3)</td>
<td>15-week</td>
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</table>

### HUMN: Humanities

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Schedule</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HUMN 104</td>
<td>Humanities in a Digital World (3)</td>
<td>15-week</td>
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</table>

### HUMS: Human Services

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>HUMS 204</td>
<td>Ethics and Practice Issues in the Human Services and Addiction Counseling (3)</td>
<td>15-week</td>
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</tr>
<tr>
<td>HUMS 207</td>
<td>Theory and Practice of Group Counseling (3)</td>
<td>15-week</td>
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</tbody>
</table>
The LGST: Legal Studies fall 2019 course schedule is in process of being revised. Contact Dr. Tracy Parker, Program Manager (TParker@frederick.edu) for advising and schedule updates.

**LGST: Legal Studies**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>LGST 100</td>
<td>Introduction to Law (3)</td>
<td>1760</td>
<td>SAT</td>
<td>9:00am - 1:15pm</td>
<td>1st 7 1/2-week</td>
</tr>
<tr>
<td>LGST 200</td>
<td>Legal Research (3)</td>
<td>1831</td>
<td>W</td>
<td>6:00pm - 9:00pm</td>
<td>15-week</td>
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<tr>
<td>LGST 205</td>
<td>Legal Writing (3)</td>
<td>1885</td>
<td>M</td>
<td>6:00pm - 9:00pm</td>
<td>1st 7 1/2-week</td>
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<tr>
<td>LGST 240</td>
<td>Family Law (3)</td>
<td>2095</td>
<td>T</td>
<td>6:00pm - 9:00pm</td>
<td>2nd 10-week</td>
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**MATH: Mathematics**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>MATH 101A</td>
<td>Foundations of Mathematics (3)</td>
<td>1866</td>
<td>TTH</td>
<td>8:00am - 9:15am</td>
<td>15-week</td>
</tr>
<tr>
<td></td>
<td>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.</td>
<td></td>
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<tr>
<td></td>
<td>$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.</td>
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<thead>
<tr>
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<th>Days</th>
<th>Time</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 120A</td>
<td>Statistics (3)</td>
<td>1292</td>
<td>MW</td>
<td>8:00am - 9:15am</td>
<td>15-week</td>
</tr>
<tr>
<td></td>
<td>Note: Students registering for MATH 120A in the 15-week session must also register for MATH A - Instruction with Algebra in the 15-week session.</td>
<td></td>
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<td></td>
<td>$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.</td>
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<table>
<thead>
<tr>
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<th>Days</th>
<th>Time</th>
<th>Type</th>
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<tbody>
<tr>
<td>MATH 127</td>
<td>Statistics with Probability (4)</td>
<td>1301</td>
<td>M</td>
<td>5:00pm - 6:40pm</td>
<td>15-week</td>
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<td>$ Note: No/Low Cost Textbooks: The textbook costs for this course section are under $40.</td>
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**MEDA: Medical Assisting**

<table>
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<th>Time</th>
<th>Type</th>
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<tbody>
<tr>
<td>MEDA 109</td>
<td>Medical Terminology (3)</td>
<td>1684</td>
<td>TH</td>
<td>9:30am - 10:45am</td>
<td>15-week</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1685</td>
<td>TH</td>
<td>11:00am - 1:30pm</td>
<td>1st 7 1/2-week</td>
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<table>
<thead>
<tr>
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<th>Title</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
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<tr>
<td>MEDA 115</td>
<td>Phlebotomy Skills (3)</td>
<td>1691</td>
<td>W</td>
<td>1:00pm - 4:00pm</td>
<td>2nd 7 1/2-week</td>
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<table>
<thead>
<tr>
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<th>Section</th>
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<th>Time</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEDA 209</td>
<td>Pharmacology for Medical Office Practice (3)</td>
<td>1688</td>
<td>TH</td>
<td>11:00am - 1:30pm</td>
<td>1st 7 1/2-week</td>
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**NURS: Nursing**

<table>
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<tr>
<td>NURS 105</td>
<td>Pharmacology for Nurses (2)</td>
<td>1817</td>
<td>W</td>
<td>9:00am - 11:00am</td>
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<td></td>
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<td>1818</td>
<td>W</td>
<td>12:00pm - 2:00pm</td>
<td>15-week</td>
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**PHED: Physical Education**

<table>
<thead>
<tr>
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<th>Type</th>
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<tbody>
<tr>
<td>PHED 185</td>
<td>Yoga (3)</td>
<td>1916</td>
<td>T</td>
<td>6:00pm - 8:30pm</td>
<td>1st 7 1/2-week</td>
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<td></td>
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<td>1041</td>
<td>T</td>
<td>6:00pm - 8:30pm</td>
<td>2nd 7 1/2-week</td>
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**PHIL: Philosophy**

<table>
<thead>
<tr>
<th>Course</th>
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<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 207</td>
<td>Biomedical Ethics (3)</td>
<td>1838</td>
<td>W</td>
<td>12:30pm - 1:45pm</td>
<td>15-week</td>
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**PHSC: Physical Science**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
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<tbody>
<tr>
<td>PHSC 101</td>
<td>Survey of Physical Science (3)</td>
<td>2167</td>
<td>T</td>
<td>6:00pm - 7:25pm</td>
<td>1st 7 1/2-week</td>
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**PSYC: Psychology**

<table>
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<tr>
<th>Course</th>
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<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 101</td>
<td>General Psychology (3)</td>
<td>2059</td>
<td>W</td>
<td>6:00pm - 7:15pm</td>
<td>1st 7 1/2-week</td>
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**SOCY: Sociology**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCY 101</td>
<td>Introduction to Sociology (3)</td>
<td>2060</td>
<td>W</td>
<td>6:00pm - 7:15pm</td>
<td>2nd 7 1/2-week</td>
</tr>
</tbody>
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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.
**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  
P–Plant Operations  
S–Sweedner 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.
JEFFERSON HALL

Jefferson Hall reopened this spring after undergoing renovations to improve traffic flow, maximize existing space, incorporate technology, and provide a seamless student experience. The renovated space provides a welcoming environment for all, and includes a new organization of services and offices:

• **1ST FLOOR: Enrollment Center**
  Welcome Desk, Student Accounts/Cashiers, Records, and Registration for both credit and non-credit classes

• **2ND FLOOR: College and Career Readiness Center**
  Admissions, Counseling & Advising, and Career & Transfer Services

• **3RD FLOOR: Financial Services Center**
  Billing, Collections, Financial Aid, and Learning Support Administrative Offices