

Frederick Community College

2016 Summer Credit Schedule



frederick.edu



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Frederick Community College prohibits discrimination against any person on the basis of age, ancestry, citizenship status, color, creed, ethnicity, gender identity and expression, genetic information, marital status, mental or physical disability, national origin, race, religious affiliation, sex, sexual orientation, or veteran status in its activities, admissions, educational programs, and employment.

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

Board of Trustees

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Summer classes start June 6

Registration for summer credit courses begins Wednesday, April 20.

Web registration opens at 12:01 a.m.; offices open at 8:30 a.m.

Choose sessions that fit your life:

1st 3-week session starts June 6

1st 5-week session starts June 6

1st 8-week session starts June 6

10-week session starts June 6

2nd 8-week session starts June 20

2nd 3-week session starts July 12

2nd 5-week session starts July 12

Campus Resources

Enrollment Services

Admissions, Counseling & Advising, Financial
Aid, Registration & Records, Student
Accounts, Welcome Center
Jefferson Hall/Enrollment Services (J Building)

Student Center

*Bookstore, Campus Security, Cougar Grille,
Center for Student Engagement,
Student Center (H Building, first floor)

Adult Services, Services for Students with Disabilities, & Veterans Services

Annapolis Hall (A Building, first floor)

Multicultural Student Services

Student Center (H Building, H-103)

Please visit frederick.edu for updated information on hours of operation and campus news and events.

*The Bookstore is closed on June 30 and July 1 for inventory.

Our website also provides information on our numerous program options. With programs that help students earn a degree, explore a new skill, or complete classes required for transfer, FCC has many options to fit many needs.

How to Apply & Register

Please monitor your myFCC email for updates from the College.

New Students

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

1) Apply to the College

- Go to **www.frederick.edu** to apply online.
 - Click **Apply & Register**.
 - Click **Apply Now**.
 - You will receive your Welcome Packet and New Student ID number in the mail. You also have the option of coming into the Welcome Center and receiving your ID number at the time you apply.
- Or
- Download the application from the FCC website (www.frederick.edu). You can then bring the application to the Admissions Office or mail the completed application to:

Admissions Office
Frederick Community College
7932 Opossumtown Pike
Frederick, MD 21702

2) Prepare for registration

To comply with the Maryland College and Career Readiness Act of 2013 and Frederick Community College's Academic Placement and Assessment Procedures, the College requires that:

- Upon entering the College, all new students, unless otherwise exempted, must complete all mathematics, reading, writing, and skills placement tests before enrolling in developmental or credit courses.
- Upon entering the College, all new students who are seeking a degree must file a degree plan that is developed in consultation with an academic advisor.
- Upon reaching 24 credits, all new students must have completed developmental courses and the first college-level English and math courses required by their degree plan.

FCC is committed to providing all students with the best chance for academic success; therefore, it is recommended that you visit <http://www.frederick.edu/student-resources/testing-center.aspx> to access Testing Center information to start you on your way to accomplishing your goals.

• Send transcripts.

You will be asked to submit transcripts if you have attended high school or earned an equivalency certificate in the last three years, want credits earned from another college or university transferred to FCC (official transcripts may be sent or delivered to the Welcome Center in a sealed envelope), or have prerequisite courses at another institution.

• Take Placement Test

Complete placement assessments of your reading, writing and mathematics skills if you have not met the prerequisites elsewhere.

- If you plan to earn a degree or certificate, or you plan to enroll in a course that requires college-level reading, writing, or mathematics skills, take the appropriate assessment before you register (unless you already have credits in English or mathematics from another college or university). The assessments should take about three hours and will help you enroll at the right course level. There is no charge and no appointment is needed. Assessment tests are given in the Testing Center, L-104, 301.846.2522.
- If you have taken the SAT and scored 500 or higher in the mathematics or critical reading areas or have taken the ACT and scored 21 or higher in mathematics, English, or reading within the past five years, you are exempt from that portion of the assessment test. Send or bring a copy of your SAT or ACT scores, which will be recorded in the Testing Center.

3) Meet with an advisor

An advisor can help you select your courses, and discuss your academic and career goals. The Counseling & Advising Office, 301.846.2471, is located in J-201 of Jefferson Hall.

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

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

All new students planning to attend FCC for their first college experience will participate in the ROAR program. Students must have applied to the College and completed their placement assessment (or submitted SAT or ACT scores) before they can begin.

Three steps to ROAR:

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

For more information on ROAR, please visit <http://www.frederick.edu/admissions-landing/new-student-orientation.aspx>.

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

Students may attend a class once they are enrolled and have made payment arrangements.

Readmit Students

If you've attended FCC before, but not since the Summer 2014 semester, complete the application and select "Readmit" under Classification. There is no fee, but you may have to submit proof of residency. You will follow the requirements of the College's Residency Policy in the current catalog year.

Students may attend a class once they are enrolled and have made payment arrangements.

Current Students

- 1) Meet with your 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), Veterans 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 8 and on the Counseling & Advising Office Web page at <http://www.frederick.edu/student-resources/counseling-advising/advisor-list.aspx>.
- General studies, nursing (pre-clinical), and undecided students should meet with an advisor from the Counseling & Advising Office. During registration, the Counseling & Advising Office 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 Office, Multicultural Services, Adult Services, Veterans Services, or Services for Students with Disabilities prior to registering for classes.

- Students returning to FCC from academic suspension must meet with an advisor in the Counseling & Advising Office prior to registering for classes. Call 301.846.2471 to schedule an appointment. Students returning from academic dismissal must meet with the Associate Vice President (AVP), Dean of Students. Call 301.846.2469 to schedule an appointment.

Prior to meeting with your advisor, access your **My Degree Plan**. See the Student Services Available Online section, located on this page. 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 online or in person

- Web registration—Go to myfcc.frederick.edu. Click on **PeopleSoft** in the green navigation bar, then follow the online instructions.

Or

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

3) Review your schedule

- Check classroom locations (Some courses are held off site).
- Check course start and end dates (Some courses do not begin at the start of the semester).
- Check to see if you have registered for a linked class. If so, make sure you are registered for both components.
- Print your schedule to be sure you have completed the process correctly.
- If you have registered for an online class, see page 25 for more information about online classes at FCC.

Students may attend a class once they are enrolled and have made payment arrangements.

Students from Other Institutions

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 www.frederick.edu. Your admission letter and ID number will be mailed to your permanent address. You must have this to register online.
2. Obtain a permission to enroll form* from your home college's Registrar's Office, or a copy of your transcript that shows proof of having met FCC prerequisites.
3. You can then register in one of three 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.
 - 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 Welcome Center, Frederick Community College, 7932 Opossumtown Pike, Frederick MD 21702. Include an email address where you can be contacted.

Students may attend a class once they are enrolled and have 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 to:

- 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 a payment plan
- Print unofficial transcripts and request official transcripts
- View transfer credit
- Make a payment
- View your grades

To log in go to myfcc.frederick.edu:

- Click **PeopleSoft** in the green navigation bar
- User ID is a capital W followed by your 7-digit student ID number
- Enter your password. Or select 'reset password' If you have never logged in before or have forgotten your password, select 'reset 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 **View My Degree Plan** link
- Read pop-up message; click "OK" to confirm you've read it
- Click **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 **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 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/JanTerm); 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 records

Making Changes

Schedule changes/withdrawals: You can drop/add online. You can also make changes in person at the Welcome Center.

To drop a course/adjust your schedule:

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

Name/Address/Academic Plan changes: Any changes to name, address, or academic plan must be done in person at the Welcome Center 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.

College Without the Debt

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 \$3,300 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.

Summer 2016 Tuition & Fees Chart *

Credits	In-County	Out-of-County	Out-of-State
1	\$192.77	\$328.77	\$418.77
2	\$328.56	\$600.56	\$780.56
3	\$464.35	\$872.35	\$1,142.35
4	\$600.14	\$1,144.14	\$1,504.14
5	\$735.93	\$1,415.93	\$1,865.93
6	\$871.72	\$1,687.72	\$2,227.72
7	\$1,007.51	\$1,959.51	\$2,589.51
8	\$1,143.30	\$2,231.30	\$2,951.30
9	\$1,279.09	\$2,503.09	\$3,313.09
10	\$1,414.88	\$2,774.88	\$3,674.88
11	\$1,548.43	\$3,044.43	\$4,034.43
12	\$1,681.98	\$3,313.98	\$4,393.98
13	\$1,815.53	\$3,583.53	\$4,753.53
14	\$1,949.08	\$3,853.08	\$5,113.08
15	\$2,082.63	\$4,122.63	\$5,472.63
16	\$2,216.18	\$4,392.18	\$5,832.18

Tuition*

In-County per credit hour.....	\$116.00
Out-of-County per credit hour.....	\$252.00
Out-of-State per credit hour	\$342.00

Fees**

Instructional Materials (<i>per credit hour</i>)	\$11.80
Student Activities (<i>10 credit maximum</i>)	\$2.24
Admissions Application.....	no charge
Comprehensive Registration Fee	
(<i>per semester</i>)	\$56.98
Capital Fee (<i>per credit</i>).....	\$3.46
Technology Infrastructure Fee (<i>per credit</i>)... ..	\$2.29
Schedule Change.....	no charge
Credit by Portfolio (<i>per credit hour</i>)... ..	50% of tuition
Credit by Departmental Exam	
(<i>per credit hour</i>).....	50% of tuition
Applied Music fee (<i>per class</i>).....	\$490

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

FEMA Fee (*per credit hour*)
 (*subject to change*).....\$81
Module Fee \$50 |

Physical Education Fees
Please refer to the specific PE course for fees that may be payable to the site where the class meets.

Backpacking Fee.....\$50

Surgical Technology Fees
Please refer to the specific ST course for fees that may be required.

*** Tuition and fees rates are subject to change.**

**** 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 texts and other materials for each class. The average cost is about \$150 per course.

Residency & Tuition

To be eligible for in-county or in-state tuition, you must have lived at your current address for at least the last three consecutive months prior to becoming an enrolled student. Adjustments to tuition won't be made once the semester starts, even if you move. Only one address—your permanent residence—may be used to determine residency. If you have questions or wish to review your residency status, contact the Admissions Office, 301.624.2716.

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

- 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).
- Payment of Maryland state and local income taxes. (MD 502 Tax Form)
- Registration to vote in Frederick County and/or the state. (Voters Registration Card)
- Registration of a motor vehicle in the state, with a local address specified, if the person owns such a vehicle. (Motor Vehicle Registration Card)
- Possession of a valid Maryland driver's license, with a local address specified, if the person is licensed anywhere to drive a motor vehicle, or a valid Maryland MVA-issued ID. (Driver's license or MVA issued ID card)

f. Active duty military personnel, honorably discharged veterans, spouses, and dependents who reside, are stationed, or domiciled in Maryland are exempt from the 3-month requirement and are considered in-county once proof is shown. (Military orders, letter from Education Officer, DD214 and any of the residency factors listed above)

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

Avoid the

DROP ZONE

For students registering between April 20, 2016, and May 20, 2016

Payment Due: May 20, 4:30 p.m.

How to avoid the Drop Zone: Students must have paid in full, or have enough anticipated financial aid posted to their PeopleSoft account.

For students registering between May 20, 2016, at 4:30 p.m. and June 3, 2016

Payment Due: June 3, 4:30 p.m.

How to avoid the Drop Zone: Students must have paid in full, or have enough anticipated financial aid posted to their PeopleSoft account.

When enrolling on or after June 4th, 2016, payment is due by 4:30 p.m. the day prior to session start date.

There is not a payment plan available for summer as it is a short semester.

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

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

FCC offers an agreement that allows 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

Frederick Community College is approved by the Maryland Higher Education Commission to train eligible veterans, dependents, and active duty personnel. If you are not sure what type of VA benefits you qualify for, you may contact the VA Regional Office's toll-free number 1-888.442.4551 or visit the VA website at www.gibill.va.gov.

To learn more about the FCC services available to veterans and their families, please visit www.frederick.edu/veterans. This website includes links for more comprehensive information.

FCC contact for GI Bill use: Rachel Nachlas, Director of Veteran 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 Calendar** on page 9 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 processed to the student's Higher One card. Please visit www.myfccefunds.com to ensure the debit card is activated. For more information, please contact the Student Accounts Office at 301.846.2456 or Higher One at 1.877.405.1856.

Senior Citizen Tuition Benefit Policy

Students age 60 and older who are Maryland residents may take classes at FCC tuition-free if they register starting May 16 for summer. Students must pay fees. See the **College Without the Debt** on page 4 for an explanation of fees. 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.

Disabled and Retired

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.

Tuition Rates for International Students

A foreign national lawfully admitted for residence in the United States may be considered a resident for tuition purposes if the domicile requirements of this policy have been satisfied. In-county residency is based upon the same three-month status and other proof of residency documents as all other students. For methods of proof, please refer to our current catalog. Once domicile has been established, the following visa types determine residency:

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

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 the declared degree program. Students are encouraged to meet with an academic advisor to ensure they are enrolled in required course work.

Application Process

1. Complete the 2015–2016 Free Application for Federal Student Aid (FAFSA) online at www.fafsa.gov and list FCC's school code in step 6 (002071). Deadline to apply is June 30, 2016.
2. Upon receipt of your FAFSA data, the Financial Aid Office 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.
3. Students who wish to pursue their student loan eligibility are required to complete additional steps. The loan application process is outlined at www.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 www.frederick.edu under the financial aid section.

Recommended deadlines for the summer 2016 semester:

A financial aid file is considered complete when all required documents have been received.

If you register for classes between	Financial Aid Application Must be completed by	Payment Due By
4/20–5/20, 4:30 p.m.	4/22	5/20, 4:30 p.m.
5/20–6/3, 4:30 p.m.	Must pay in full or enroll in payment plan	6/3, 4:30 p.m.
After 6/3	Must pay in full or enroll in payment plan	Prior to session start date

If you have any questions about your financial aid status or financial aid award amounts, you can contact the Financial Aid Office at 301.846.2620 or email your questions to financialaid@frederick.edu.

For other questions on your student account balance, contact the Student Accounts office at 301.846.2456 or email your questions to studentaccounts@frederick.edu.

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 notify the Coordinator for Deaf & Hard of Hearing Services two weeks prior to the beginning of classes to ensure services are in place.

Contact Information:

Services for Students with Disabilities Office
301.846.2408

Coordinator for Deaf & Hard of Hearing Services
240.629.7819; interpreting@frederick.edu

Bookstore

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

Bookstore Calendar

May 23 Summer 2016 books available to purchase and rent

May 30 Bookstore closed

July 4 Bookstore closed

August 16 Textbook buyback from 9:00 a.m.–6:30 p.m.

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.

Books cannot be rented through our website.

You cannot use financial aid to order books online. You must come to the Bookstore with your student ID to purchase or rent books with financial aid.

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 within two weeks of the start of the semester. A new form is required each semester. Contact the Welcome Center for additional information.

Call Us

College Information	301.846.2400
College Welcome Center	301.846.2431
Admissions	301.624.2716
Adult Services	301.846.2483
Bookstore	301.846.2463
Carl & Norma Miller Children's Center	301.846.2612
Center for Student Engagement	301.624.2793
Center for Teaching & Learning	301.846.2521
Continuing Education & Workforce Development	301.624.2888
Counseling & Advising Services	301.846.2471
Distributed Learning	301.846.2401
Dual Enrollment/Open Campus	240.629.7886
FEMA Transcripts	301.624.2854
Financial Aid	301.846.2480
Honors College	301.846.2535
International Education	301.846.2521
Internships	301.624.2724
Learning Commons	301.846.2444
Multicultural Student Services	301.846.2531
Registration & Records	301.846.2431
Security	301.846.2453
Services for Students with Disabilities	301.846.2408
Student Accounts (Cashier's Office)	301.846.2456
Testing Center	301.846.2522
Transcripts	301.846.2653
Tutoring & Writing Center	301.846.2619
Veterans Center	301.624.2836

Advisor Contact List

Academic & Career Engagement (ACE)

Office Manager, (L-103) Cheryl Schnebly240.629.7895

Allied Health and Wellness

Office Manager (L-101A), Ann Geyer301.846.2605

Nuclear Medicine, Michele Tertel.301.624.2845

Health & Exercise Sciences, Jan Sholes301.846.2503

Surgical Technology, Nancy Dankanich301.846.2506

Respiratory Care, Rhonda Patterson301.829.7124

Computing and Business Technology (CBT)

Office Manager (C-212), Doree Lynn Miles301.846.2505

Accounting, CPA Prep, Mike Martin.301.846.2543

Architectural Computer Aided Design, Michael Leonard240.629.7927

Business Administration, Business Management,
Economics, Marty Crabbs.301.846.2611

Computer Science, Information Systems Management,
Information Technology-all options, Cybersecurity, Andy Yao301.846.2410

Construction Management, Michael Leonard240.629.7927

Culinary Arts and Hospitality Management, Michael Leonard.....240.629.7927

Medical Assistant, Karen A. Wilson301.624.2848

Communications, Humanities & Arts (CHA)

Office Manager (F-143), Karen Santelli301.846.2512

American Sign Language Studies, David Martin240.575.2299

Art, Wendell Poindexter301.846.2513

Communications Speech, Kathy Brooks301.846.2635

Digital Media Design, Computer Graphics, Lisa Sheirer301.846.2637

Digital Media Design, TV Production, Jason Santelli301.846.2533

Theatre, Tad Janes301.846.2515

World Languages, Ana María Pinzón301.624.2843

Music, Paula Chipman.....301.846.2566

Humanities, Stephanie Curran301.846.2512

Construction & Building Trades (Monroe Center)

Office Manager (Monroe, Main Lobby) Cheryl Concannon240.629.7903

Program Manager, Amy Richardson240.629.7985

Counseling & Advising Services

Office Manager, (J-207) Elizabeth Nichols301.624.2867

Emergency Management

Academic Program Manager, (E-102) Douglas McDaniel240.629.7952

English

Office Manager (H-243), Cheryl Peterson301.846.2600

Developmental English, Joe Healey301.846.2633

English as a Second Language, Stephanie Landon240.629.7925

Honors, Bruce Thompson.301.846.2535

Mathematics

Office Manager (B-228), Jeanne Nesbitt301.846.2530

Mathematics, Gary Hull301.846.2576

STEM Learning Center/Lab, B-212

Nursing

Office Manager (L-114), Cathie Galeano301.846.2524

Science

Office Manager (C-118), Sharon Smith301.846.2510

STEM, Physical Sciences, Marc Frankenberry301.846.2606

Bioprocessing Technology, Keri-Beth Pettengill301.846.2564

Engineering, Physics, Perry Wood301.846.2554

Services for Students with Disabilities

Services for Students with Disabilities301.846.2408

Social Sciences

Office Manager (H-225), Nicole Welch.....301.846.2507

Criminal Justice, Molly Carlson301.846.2639

Early Childhood Education/Early Childhood Special Education,
and Early Childhood Development, Delaine Welch301.846.2559

History, Sociology, Molly Carlson301.624.2879

Elementary Education/Elementary Special Education,
Secondary Education, Sarah Bigham301.846.2487

Human Services, Natalie Bowers.....301.846.2696

Paralegal, Tracy Parker.....301.624.2819

Public Safety—Fire Service Administration & Police Sciences, Robin Shusko .301.846.2673

Psychology, Molly Carlson301.624.2879

Academic Calendar Summer 2016

Graduation Deadline

Last day to apply for
August 2016 graduation August 15
December 2016 graduation. December 15

Academic Dates

Spring 2016 "I" grades to F July 9

Breaks and Closings

Memorial Day May 28-30
Independence Day July 2-4

1st 3-Week Session

First day June 6
Last day to add June 6
Last day 100% refund June 7
Last day 50% June 9
Last day to withdraw June 18
Last day of classes June 23
Grades due 10:00 a.m., June 27

1st 5-Week Session

First day June 6
Last day to add June 7
Last day 100% refund June 10
Last day 50% June 16
Last day to withdraw June 28
Last day of classes July 11
Grades due 10:00 a.m., July 13

1st 8-Week Session

First day June 6
Last day to add June 8
Last day 100% refund June 10
Last day 50% June 16
Last day to withdraw July 14
Last day of classes August 1
Grades due 10:00 a.m., August 3

10-Week Session

First day June 6
Last day to add June 9
Last day 100% refund June 10
Last day 50% June 16
Last day to withdraw July 23
Last day of classes August 15
Grades due 10:00 a.m., August 17

2nd 8-Week Session

First day June 20
Last day to add June 22
Last day 100% refund June 24
Last day 50% June 30
Last day to withdraw July 28
Last day of classes August 15
Grades due 10:00 a.m., August 17

2nd 3-Week Session

First day July 12
Last day to add July 12
Last day 100% refund July 13
Last day 50% July 15
Last day to withdraw July 25
Last day of classes August 1
Grades due 10:00 a.m., August 3

2nd 5-Week Session

First day July 12
Last day to add July 13
Last day 100% refund July 16
Last day 50% July 22
Last day to withdraw August 3
Last day of classes August 15
Grades due 10:00 a.m., August 17

General Education Courses offered Summer 2016

1. Communications, Humanities & Arts

Arts

AR 100–Introduction to the Creative Arts (3)
AR 101–Two Dimensional Art and Design (3)
AR 104–Survey of Art I (3)
AR 106–Drawing I (3)
AR 113–Pottery I (3)
CMM 101–Introduction to Electronic Media (3)
CMM 103–Introduction to Film (3)
CMM 105–Basic Darkroom to Digital Photography (3)
THR 101–Introduction to Theatre (3)
MU 103–Fundamentals of Music (3)
MU 108–Survey of World Music (3) *
MU 109–History of American Popular Music (3)

Humanities

ASLS 102–American Sign Language I (3)
ASLS 103–American Sign Language II (3)
EN 102–English Composition & Literature (3) *
EN 216–The Short Story (3)
EN 226–Film as Literature (3)
LAR 101–Introductory Arabic I (3)
LAR 102–Introductory Arabic II (3)
LF 101–Introductory French I (3)
LF 102–Introductory French II (3)
LS 101–Introductory Spanish I (3)
LS 102–Introductory Spanish II (3)
LS 201–Intermediate Spanish I (3)
LS 202–Intermediate Spanish II (3)
PH 101–Introductory Philosophy (3)
PH 204–World Religions (3)
PH 205–Ethics (3)
PH 207–Biomedical Ethics (3)
PH 208–Business Ethics (3)

Communications

CMSP 103–Speech Fundamentals (3)
CMSP 105–Small Group Discussion (3)
CMSP 107–Career Communications (3)
EN 102–English Composition & Literature (3) *

2. English Composition

EN 101–English Composition (3)

3. Interdisciplinary & Emerging Issues

Computer Literacy

CIS 101–Information Systems and Technology (3)
CIS 106–Introduction to Object Design & Programming (3)

Wellness

HE 102–Nutrition in a Changing World (3)
HE 201–Stress Management (3)
HE 204–Health Education (3)
PE 154–Fitness for Living (3)

Interdisciplinary

ID 209–Ethnic Diversity (3)

4. Mathematics

MA 103–Foundations of Mathematics (3)
MA 103A–Foundations of Mathematics (3)[5]
MA 111–Precalculus (4)
MA 130–College Algebra (3)
MA 206–Elementary Statistics (3)
MA 206A–Elementary Statistics with Algebra (3)[5]
MA 210–Calculus I (4)
MA 211–Calculus II (4)
BU/MA 205–Business Statistics (3)

5. Science

BI 100–Fundamental Concepts of Biology (4)
BI 101–General Biology (4)
BI 102–General Biology (4)
BI 103–Anatomy & Physiology (4)
BI 104–Anatomy & Physiology (4)
BI 120–Microbiology for Allied Health (4)
BI 130–Forensic Biology (4)
BI 202–Human Ecology (3)
CH 101–General Chemistry (4)
CH 102–General Chemistry (4)
PC 103–Elements of Physical Science (3)
PC 104–The Water Planet: Introduction to Oceanography (3)
PC 106–Introduction to Meteorology (4)
PC 107–Introductory Astronomy (4)
PY 101–Survey of Physics (3)
PY 201–Fundamentals of Physics (4)
PY 203–Introductory Physics I (4)

6. Social & Behavioral Sciences

Anthropology

AN 101–Introduction to Anthropology (3)

Economics

EC 201–Principles of Economics (Macro) (3)
EC 202–Principles of Economics (Micro) (3)

Education

ED/PS 208–Human Growth & Development (3)

Geography

GG 102–Cultural Geography (3)

History

HI 101–History of Western Civilization (3)
HI 102–History of Western Civilization (3)
HI 201–History of the United States (3)
HI 202–History of the United States (3)

Human Services

HS 102–Human Relations (3)

Political Science

PI 104–American Government: National (3)

Psychology

PS 101–General Psychology (3)
PS 202–Social Psychology (3)

Sociology

SO 101–Introduction to Sociology (3)
SO 102–Social Problems (3)

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

* MU 108 can be taken to satisfy either the General Education requirement in Arts or in Multicultural Issues & Perspectives, but not both.

2016

Summer Credit Schedule

ACCT: Accounting

ACCT100 - Business Accounting (3)

Prerequisite: EN 51 or ESL 97 or ESL 70

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

129	ACCT100-1	MW	5:00 p.m. - 9:00 p.m.	2nd 5-week
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ACCT101 - Principles of Accounting I (3)

Prerequisites: (EN 50 and EN 51) OR (ESL 94 and ESL 97) OR (ESL 70 and ESL 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.

130	ACCT101-1	MW	8:00 a.m. - 12:00 p.m.	1st 5-week
131	ACCT101-2	MW	5:00 p.m. - 9:00 p.m.	1st 5-week
132	ACCT101-ONL1			1st 8-week

ACCT102 - Principles of Accounting II (3)

Prerequisite: ACCT 101

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

133	ACCT102-1	MW	8:00 a.m. - 12:00 p.m.	2nd 5-week
134	ACCT102-HYB1	MW h	5:00 p.m. - 8:30 p.m.	1st 5-week
135	ACCT102-ONL1			1st 8-week

ACE: Academic and Career Engagement

ACE100 - Learning Strategies (2)

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

Develops students' learning strategies and explores habits of successful college students. Students will enhance their academic skills and performance by developing strategies for studying and learning, such as ways to set goals, manage time, take notes, prepare for and take tests, read critically, and use college resources. Instruction is closely linked to the demands and content area courses in which students are enrolled.

332	ACE100-LK1	MTWT	10:30 a.m. - 11:30 a.m.	1st 8-week
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Note: Students must register for ACE100-LK1 and EN101-LK1 (It is an EN101 'S' class).

AN: Anthropology

AN101 - Introduction to Anthropology (3)

Gen Ed Anthropology; Cultural Competence

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

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

382	AN101-1	TTH	5:00 p.m. - 9:00 p.m.	2nd 5-week
383	AN101-ONL1			1st 8-week

AR: Art

AR100 - Introduction to the Creative Arts (3)

Gen Ed Arts

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

Introduces students to the areas of visual arts, dance, music, and theater through an exploration of representative works. The study of the creative arts will enhance self-expression and a better understanding of the human experience. The course meets the Maryland State approved Associate of Arts in Teaching degree.

254	AR100-1	MW	10:00 a.m. - 2:00 p.m.	2nd 5-week
255	AR100-2	TTH	9:30 a.m. - 1:30 p.m.	1st 5-week
256	AR100-ONL1			10-week

AR101 - Two Dimensional Art and Design (3)

Gen Ed Arts

Prerequisites or Corequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

Investigates the concepts and principles of two-dimensional visual design using black and white through a series of design exercises of increasing complexity.

257	AR101-1	TTH	12:30 p.m. - 4:30 p.m.	1st 5-week
258	AR101-2	MW	5:00 p.m. - 9:00 p.m.	2nd 5-week

AR104 - Survey of Art I (3)

Gen Ed Arts; Cultural Competence

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

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

259	AR104-ONL1			1st 8-week
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AR106 - Drawing I (3)

Gen Ed Arts

Prerequisites or Corequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

Develops skills in using different drawing mediums and approaches. Emphasizes learning how to draw still life, landscape, drapery studies and experimental problems. Includes problems of scale and collage. Students will acquire a portfolio of drawings from studio work. Students must furnish supplies.

260	AR106-1	TTH	12:30 p.m. - 4:30 p.m.	2nd 5-week
261	AR106-2C	MW	5:00 p.m. - 9:00 p.m.	1st 5-week

Note: Students must furnish own supplies.

AR107 - Drawing II (3)

Prerequisite: AR 106

A continuation of AR 106 with more complex drawing. Emphasizes arranging and understanding the various composition formats, picture planes and pictorial methods of expression found in drawing. Students must furnish supplies.

262	AR107-2C	MW	5:00 p.m. - 9:00 p.m.	1st 5-week
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Note: Students must furnish own supplies.

AR113 - Pottery I (3)

Gen Ed Arts

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

263	AR113-1C	MW	12:30 p.m. - 4:30 p.m.	1st 5-week
264	AR113-2C	MW	12:30 p.m. - 4:30 p.m.	2nd 5-week

Note: Students must furnish own supplies.

Schedule Changes

For updates to the schedule and instructor information:
www.frederick.edu/realtimeschedule

AR114 - Pottery II (3)

Prerequisite: AR 113

An advanced study into 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.

265	AR114-1C	MW	12:30 p.m. - 4:30 p.m.	1st 5-week
266	AR114-2C	MW	12:30 p.m. - 4:30 p.m.	2nd 5-week

Note: Students must furnish own supplies.

AR119 - Pottery: The Wood Kiln (3)

Prerequisite: AR 113

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

267	AR119-1	MW	5:00 p.m. - 9:00 p.m.	1st 5-week
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Note: Students must furnish own supplies.

AR120 - Plein-Air Painting (Painting on Site) (3)

Prerequisites: AR 106 or AR 101 or AR 108 or portfolio review

Builds on the fundamentals, concepts, and techniques of painting in acrylic. Compositional problems based on still-life will be explored for two or three classes with remaining classes focused on landscape, plein-air, and on-site work to develop in studio.

268	AR120-EX1	MW	10:00 a.m. - 2:00 p.m.	2nd 5-week
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Note: Students must furnish own supplies.

ASLS: American Sign Language Studies

ASLS102 - American Sign Language I (3)

Gen Ed Humanities

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

269	ASLS102-1	TTH	8:00 a.m. - 12:00 p.m.	1st 5-week
270	ASLS102-2	TTH	12:30 p.m. - 4:30 p.m.	1st 5-week
271	ASLS102-3	MW	5:00 p.m. - 9:00 p.m.	1st 5-week

ASLS103 - American Sign Language II (ASL II) (3)

Gen Ed Humanities

Prerequisite: ASLS 102

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

272	ASLS103-1	MW	5:00 p.m. - 9:00 p.m.	1st 5-week
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BI: Biological Science

BI55 - Preparation for Allied Health (0) [3]

Prerequisites: (EN 50 and EN 51) OR (ESL 94 and ESL 97) OR (ESL 70 and ESL 71), and MA 81

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

177	BI55-1	MW	11:00 a.m. - 3:00 p.m.	1st 5-week
178	BI55-2	TTH	9:00 a.m. - 1:00 p.m.	2nd 5-week
179	BI55-3	TTH	5:00 p.m. - 9:00 p.m.	1st 5-week

BI100 - Fundamental Concepts of Biology (4)

Gen Ed Science

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73); Prerequisite or Corequisite: MA 82 or MA 85 or MA 103A or BU/MA 205A or MA 206A or MA 207A

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.

181	BI100-1LC	MWF	9:30 a.m. - 12:05 p.m.	1st 5-week
182	BI100-11LB	MWF	12:30 p.m. - 3:00 p.m.	1st 5-week
183	BI100-2LC	TTH	9:30 a.m. - 12:05 p.m.	1st 8-week
184	BI100-21LB	TTH	12:30 p.m. - 3:00 p.m.	1st 8-week
185	BI100-3LC	MW	5:00 p.m. - 7:35 p.m.	1st 8-week
186	BI100-31LB	MW	7:45 p.m. - 10:15 p.m.	1st 8-week

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

BI101 - General Biology I (4)

Gen Ed Science

Prerequisites: Completion of high school biology strongly recommended, [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73), and MA 82 or MA 85

Explores the basic biological principles common to all living organisms, including biological chemistry, bioenergetics and metabolism, cellular and molecular biology, and classical and molecular genetics. Methods of scientific inquiry and data analysis are studied and practiced. BI 101 is the first of a two semester series that together with BI 102 is a comprehensive survey of modern biology. This course is intended for STEM (science, technology, engineering, and math) majors, and pre-allied health majors.

187	BI101-1LC	MWF	9:30 a.m. - 12:05 p.m.	1st 5-week
188	BI101-11LB	MWF	12:30 p.m. - 3:00 p.m.	1st 5-week
189	BI101-2LC	TTH	12:30 p.m. - 3:05 p.m.	1st 8-week
190	BI101-21LB	TTH	9:30 a.m. - 12:00 p.m.	1st 8-week
191	BI101-3LC	TTH	5:00 p.m. - 7:35 p.m.	1st 8-week
192	BI101-31LB	TTH	7:45 p.m. - 10:15 p.m.	1st 8-week

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

BI102 - General Biology 2 (4)

Gen Ed Science

Prerequisite: BI 101

Continues the comprehensive survey of modern biology begun in BI 101 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.

195	BI102-1LC	TTH	9:30 a.m. - 12:05 p.m.	1st 8-week
196	BI102-11LB	TTH	12:30 p.m. - 3:00 p.m.	1st 8-week

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

BI103 - Anatomy and Physiology (4)

Gen Ed Science

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73), AND (MA 82 or MA 85) AND (BI 55 or BI 101 or BI 120 or CH 101)

The first course in a two-semester sequence. 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.

197	BI103-1LC	MWF	9:30 a.m. - 12:05 p.m.	1st 5-week
198	BI103-11LB	MWF	12:30 p.m. - 3:00 p.m.	1st 5-week
199	BI103-2LC	TTH	9:30 a.m. - 12:05 p.m.	1st 8-week
200	BI103-21LB	TTH	12:30 p.m. - 3:00 p.m.	1st 8-week
201	BI103-3LC	MW	5:00 p.m. - 7:30 p.m.	1st 8-week
202	BI103-31LB	MW	7:45 p.m. - 10:20 p.m.	1st 8-week

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

BI104 - Anatomy and Physiology (4)

Gen Ed Science

Prerequisite: BI 103

The second course in a two-semester sequence. Includes the cardiovascular system, lymphatic system and immunity, respiratory system, digestive system and metabolism, urinary system, fluid/electrolyte balance, acid/base balance, and reproductive system.

205	BI104-1LC	MWF	9:30 a.m. - 12:05 p.m.	2nd 5-week
206	BI104-11LB	MWF	12:30 p.m. - 3:00 p.m.	2nd 5-week
207	BI104-2LC	TTH	5:00 p.m. - 7:35 p.m.	1st 8-week
208	BI104-21LB	TTH	7:45 p.m. - 10:15 p.m.	1st 8-week

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

BI120 - Microbiology for Allied Health (4)

Gen Ed Science

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73), AND (MA 82 or MA 85) AND (BI 55 or BI 101 or BI 103 or CH 101)

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

211	BI120-1LC	MW	9:30 a.m. - 12:05 p.m.	1st 8-week
212	BI120-11LB	MW	12:30 p.m. - 3:00 p.m.	1st 8-week
213	BI120-2LC	TTH	8:00 a.m. - 10:35 a.m.	1st 8-week
214	BI120-21LB	TTH	11:00 a.m. - 1:30 p.m.	1st 8-week
217	BI120-3LC	MW	5:00 p.m. - 7:35 p.m.	1st 8-week
218	BI120-31LB	MW	7:45 p.m. - 10:15 p.m.	1st 8-week
215	BI120-4LC	TTH	5:00 p.m. - 7:35 p.m.	1st 8-week
216	BI120-41LB	TTH	7:45 p.m. - 10:15 p.m.	1st 8-week

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

BI130 - Forensic Biology (4)

Gen Ed Science

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73), and MA 82 or MA 85

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

219	BI130-1LC	MW	11:00 a.m. - 1:35 p.m.	1st 8-week
220	BI130-11LB	MW	8:00 a.m. - 10:30 a.m.	1st 8-week
221	BI130-ONL1			1st 8-week

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

BI202 - Human Ecology (3)

Gen Ed Science

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73); Prerequisite or Corequisite: MA 82 or MA 85 or MA 103A or BU/MA 205A or MA 206A or MA 207A

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

222	BI202-1	MW	8:00 a.m. - 12:00 p.m.	2nd 5-week
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BU: Business Studies

BU103 - Introduction to Business (3)

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

Introduces effective use of planning, organization and control in the management of an enterprise. Introduction to finance, personnel and plant management, marketing and business and government relations.

136	BU103-1	MW	12:30 p.m. - 4:30 p.m.	1st 5-week
137	BU103-HYB1	MW h	5:00 p.m. - 7:30 p.m.	1st 5-week
138	BU103-HYB2	MW h	5:00 p.m. - 7:30 p.m.	2nd 5-week
139	BU103-ONL1			1st 8-week
140	BU103-ONL2			2nd 5-week

BU211 - Business Law I (3)

Prerequisite: EN 101

Introduces business law and its application to business activity. Includes contracts, agency and employment, negotiable instruments and sales.

141	BU211-ONL1			1st 8-week
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BU225 - Marketing (3)

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

Explores problems and organization of systems that distribute goods and services in the business world. Promotion through retail and wholesale parallels; consumer buying habits; pricing, budgeting, transportation and warehousing; and sources and uses of marketing information.

142	BU225-ONL1			1st 5-week
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BU227 - Principles of Management (3)

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

Provides an introduction to basic 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.

143	BU227-ONL1			2nd 5-week
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BU273 - Business Communications (3)

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

Emphasizes the theory and practice of oral, written, and interpersonal communication used in the workplace. Classroom activities and assignments will focus on writing business correspondence and reports, planning and delivering effective presentations, and developing teamwork and collaboration skills.

144	BU273-ONL1			1st 8-week
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BU274 - Customer Relations (3)

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

Examines the role of customer relations in business and emphasizes the theory and practice of developing, fostering and managing relationships between the company and the customer. The course will focus on those practices that lead to customer loyalty and retention. Value equation applications and a systems approach to service excellence are introduced in the course. The course will also address building excellent customer relations into the mission of the company and committing to customer service as competitive advantage.

145	BU274-ONL1			1st 8-week
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BU/MA: Business/Mathematics

BU/MA205 - Business Statistics (3)

Gen Ed Math

BU/MA 205 Prerequisites: Prerequisites: MA 82 or MA 85 or MA 103 or MA 103A or MA 206 or MA 206A or MA 207 or MA 207A or appropriate score on mathematics placement test and (CIS 101 or CIS 111E or CIS 116E) and placement in EN 51 or ESL 70 or higher on the reading placement test

BU/MA 205A Prerequisites: Prerequisites: A grade of "C" or better in MA 81 or appropriate score on mathematics placement test, and (CIS 101 or CIS 111E or CIS 116E), and placement in EN 51 or ESL 70 or higher on the reading placement test

Introductory non-calculus statistics course for business. Topics 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: BU/MA 205, BU/MA 205A, MA 206, MA 206A, MA 207, or MA 207A. Business Administration students must take BU/MA 205 (not BU/MA 205A).

357	BU/MA205-1	MTWT	11:30 a.m. - 1:30 p.m.	2nd 5-week
358	BU/MA205-2	MW	5:00 p.m. - 8:45 p.m.	2nd 5-week

CH: Chemistry

CH101 - General Chemistry (4)

Gen Ed Science

Prerequisites: Completion of high school chemistry strongly recommended, [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73), and MA 82 or MA 85

Intended for science majors, technology majors and pre-allied health majors. Examines the concepts underlying modern chemistry, including atomic and molecular structure, bonding, states of matter and solutions. Laboratory experiments illustrate the lecture material.

223	CH101-1LC	MW	9:30 a.m. - 12:05 p.m.	1st 8-week
224	CH101-11LB	MW	12:30 p.m. - 3:00 p.m.	1st 8-week
225	CH101-2LC	TTH	8:00 a.m. - 10:35 a.m.	1st 8-week
226	CH101-21LB	TTH	11:00 a.m. - 1:30 p.m.	1st 8-week
227	CH101-3LC	TTH	5:00 p.m. - 7:35 p.m.	1st 8-week
228	CH101-31LB	TTH	7:45 p.m. - 10:15 p.m.	1st 8-week
229	CH101-HYBC	ASG h		1st 8-week
230	CH101-HYBB	MW h	5:00 p.m. - 7:30 p.m.	1st 8-week
231	CH101-ONL1	h		1st 8-week

Note: Students must register for corresponding lecture (LC), or (HYBC) and lab (LB), or (HYBB).

CH102 - General Chemistry (4)

Gen Ed Science

Prerequisite: CH 101

Continues examining the concepts underlying modern chemistry, including kinetics, equilibrium, acid-base theory, nuclear chemistry, electro-chemistry, chemistry of the elements and an introduction to organic and biochemistry. Laboratory experiments illustrate the lecture material.

232	CH102-1LC	TTH	8:00 a.m. - 10:35 a.m.	1st 8-week
233	CH102-11LB	TTH	11:00 a.m. - 1:30 p.m.	1st 8-week
234	CH102-2LC	MW	5:00 p.m. - 7:35 p.m.	1st 8-week
235	CH102-21LB	MW	7:45 p.m. - 10:15 p.m.	1st 8-week

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

CH201 - Organic Chemistry (4)

Prerequisite: CH 102

Presents the hydrocarbon and derivatives, emphasizing bonding, structure, nomenclature, methods of preparation, reaction and reaction mechanisms. Laboratory emphasizes common techniques, synthesis of representative compounds.

236	CH201-1LC	MW	10:45 a.m. - 1:15 p.m.	1st 8-week
237	CH201-11LB	MW	2:00 p.m. - 4:55 p.m.	1st 8-week

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

CH202 - Organic Chemistry (4)

Prerequisite: CH 201

Continues to present the hydrocarbon and derivatives, emphasizing bonding, structure, nomenclature, methods of preparation, reaction and reaction mechanisms. Laboratory emphasizes common techniques, synthesis of representative compounds and qualitative organic analysis.

238	CH202-1LC	TTH	10:45 a.m. - 1:15 p.m.	1st 8-week
239	CH202-11LB	TTH	2:00 p.m. - 4:55 p.m.	1st 8-week

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

Summer Session Dates

1st 3-week session	June 6–June 23
1st 5-week session	June 6–July 11
1st 8-week session	June 6–August 1
10-week session	June 6–August 15
2nd 8-week session	June 20–August 15
2nd 3-week session	July 12–August 1
2nd 5-week session	July 12–August 15

CIS: Computer and Information Sciences

CIS101 - Information Systems and Technology (3)

Gen Ed Computer Literacy

Prerequisites or Corequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

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.

146	CIS101-HYB1	MW h	12:30 p.m. - 3:30 p.m.	2nd 5-week
147	CIS101-HYB2	TTH h	9:00 a.m. - 12:00 p.m.	1st 5-week
148	CIS101-HYB3	TTH h	9:00 a.m. - 12:00 p.m.	2nd 5-week
149	CIS101-HYB4	F h	9:00 a.m. - 11:30 a.m.	2nd 5-week
150	CIS101-HYB5	MW h	5:00 p.m. - 7:30 p.m.	1st 5-week
151	CIS101-HYB6	TTH h	5:00 p.m. - 7:30 p.m.	2nd 5-week
152	CIS101-ONL1	h		1st 8-week
153	CIS101-ONL2	h		1st 5-week
154	CIS101-ONL3	h		2nd 5-week
155	CIS101-ONL4	h		2nd 5-week

CIS106 - Object Design and Programming (3)

Gen Ed Computer Literacy

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73), and MA 81

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.

156	CIS106-HYB1	MW h	9:30 a.m. - 12:00 p.m.	2nd 8-week
157	CIS106-HYB2	TTH h	6:00 p.m. - 8:30 p.m.	1st 8-week

CIS111J - Microcomputer Software Applications: Web Page Development (3)

Prerequisite or Corequisite: CIS 101, CIS 106, or CIS 116D

Introduces modern web development tools for website construction. This course covers the topics relevant to the development of interactive websites, including conceptualization, design, layout, and visual stimulation. Students will learn HTML5, CSS3, and JavaScript.

158	CIS111J-HYB1	W h	6:00 p.m. - 8:45 p.m.	1st 8-week
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CIS116E - MS Applications Spreadsheets (1)

Covers the basic and intermediate features of MS Excel 2013. Students design a variety of worksheets and graphs, create formulas, work with a spreadsheet's database feature, apply 'what if' techniques, and exchange data with other applications.

159	CIS116E-ONL1	h		2nd 5-week
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CIS116F - Microcomputer Software Applications: Computer Fundamentals (1)

Surveys computer basics including hardware, applications, operating systems, and communication networks. Students learn the components of hardware, applications of software in work place, variety of operating systems, and the basics of communication networks.

160	CIS116F-ONL1	h		2nd 5-week
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CIS179 - Cybersecurity Fundamentals (3)

Prerequisite or Corequisite: CIS 106

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

161 CIS179-ONL1  2nd 5-week

CJ: Criminal Justice

CJ101 - Introduction to Criminal Justice (3)

Prerequisite: EN 52 or ESL 99 or ESL 72

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

384 CJ101-ONL1  1st 8-week

CMM: Communications Media

CMM101 - Introduction to Electronic Media (3)

Gen Ed Arts

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

Surveys the functions and effects of the electronic mass media. Emphasis will be placed on researching and analyzing the history of radio and television, including government regulations, audience measurement, advertising and careers in broadcasting.

273 CMM101-ONL1  1st 8-week

CMM103 - Introduction to Film (3)

Gen Ed Arts

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.

274 CMM103-1 TTH 5:00 p.m. - 9:00 p.m. 1st 5-week

275 CMM103-ONL1  1st 8-week

CMM105 - Basic Darkroom to Digital Photography (3)

Gen Ed Arts

Prerequisite: EN 52 or ESL 99 or ESL 72

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.

276 CMM105-1 TTH 2:00 p.m. - 6:00 p.m. 2nd 5-week

CMM132 - Digital Photography I (3)

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.

277 CMM132-1 MW 6:00 p.m. - 9:45 p.m. 1st 5-week

CMM152 - Digital Studio Production (4)

Develops studio production skills pertaining to camera operation, set design, studio lighting, audio recording, and professional crew roles and responsibilities. Extensive hands-on active learning provides an insight into on set studio productions and real world applications. As a member of a production team, students participate in the design and execution of an effective digital studio production.

278 CMM152-1C MW 6:00 p.m. - 9:20 p.m. 1st 5-week

CMM256 - Television Studio Directing and Operations (4)

Prerequisite: CMM 152

Develops managerial and technical skills of directing television productions in a multi-camera studio. Script formats, scene blocking, managing cast and crew and technical aspects required to create successful programming are emphasized in a series of hands-on production sessions.

279 CMM256-1C MW 6:00 p.m. - 9:20 p.m. 1st 5-week

CMSP: Communications Speech

CMSP103 - Speech Fundamentals (3)

Gen Ed Communications

Prerequisite: EN 52 or ESL 99 or ESL 72

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.

280	CMSP103-1	MTWT	9:00 a.m. - 12:20 p.m.	1st 3-week
281	CMSP103-2	MW	12:30 p.m. - 4:30 p.m.	1st 5-week
282	CMSP103-3	TTH	12:30 p.m. - 4:30 p.m.	2nd 5-week
283	CMSP103-4	MW	5:00 p.m. - 9:00 p.m.	2nd 5-week
284	CMSP103-5	TTH	5:00 p.m. - 9:00 p.m.	1st 5-week
285	CMSP103-HYB1	T h	8:00 a.m. - 12:00 p.m.	1st 5-week

CMSP105 - Small Group Communication (3)

Gen Ed Communications; Cultural Competence

Prerequisite: EN 52 or ESL 99 or ESL 72

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.

286	CMSP105-1	MTWT	9:00 a.m. - 12:20 p.m.	1st 3-week
287	CMSP105-2	MW	12:30 p.m. - 4:30 p.m.	2nd 5-week
288	CMSP105-3	TTH	8:00 a.m. - 12:00 p.m.	1st 5-week
289	CMSP105-4	TTH	12:30 p.m. - 4:30 p.m.	1st 5-week
290	CMSP105-5	TTH	12:30 p.m. - 4:30 p.m.	2nd 5-week
291	CMSP105-6	MW	5:00 p.m. - 9:00 p.m.	1st 5-week
292	CMSP105-7	TTH	5:00 p.m. - 9:00 p.m.	2nd 5-week

CMSP107 - Career Communication (3)

Gen Ed Communications

Prerequisite: EN 50A or EN 61 or ESL 95 or ESL 73

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.

293	CMSP107-ONL1		1st 8-week
293	CMSP107-ONL1		1st 8-week

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

* EN 227 can be taken to satisfy either the General Education requirement in Humanities or Multicultural Issues & Perspectives, but not both.

* MU 108 can be taken to satisfy either the General Education requirement in Arts or in Multicultural Issues & Perspectives, but not both.

EC: Economics

EC201 - Principles of Economics (3)

Gen Ed Economics

Prerequisite: EN 52 or ESL 99 or ESL 72

Introduces basic concepts, the national accounts, national income analysis, business cycles and the monetary system with an essentially macro-economic approach.

162	EC201-1	TTH	8:00 a.m. - 12:00 p.m.	1st 5-week
163	EC201-2	MW	5:00 p.m. - 9:00 p.m.	1st 5-week
164	EC201-ONL1			1st 5-week
165	EC201-ONL2			2nd 5-week

EC202 - Principles of Economics (3)

Gen Ed Economics

Prerequisite: EC 201

Emphasizes price theory, distribution, international trade and economic development with an essentially micro-economic approach.

166	EC202-1	TTH	12:30 p.m. - 4:30 p.m.	1st 5-week
167	EC202-2	MW	5:00 p.m. - 9:00 p.m.	2nd 5-week
168	EC202-ONL1			2nd 5-week

ED: Education

ED203 - Foundations of Special Education (3)

Cultural Competence

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

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.

410	ED203-ONL1			1st 8-week
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ED/PS: Education/Psychology

ED/PS208 - Human Growth and Development (3)

Gen Ed Education

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

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.

411	ED/PS208-1	TTH	8:00 a.m. - 12:00 p.m.	1st 5-week
412	ED/PS208-2	TTH	5:00 p.m. - 9:00 p.m.	2nd 5-week
413	ED/PS208-ONL1			1st 8-week
414	ED/PS208-ONL2			1st 8-week

EN: English

EN52 - Effective College Reading II (0) [4]

Prerequisite: EN 51 or appropriate score on reading placement exam

Promotes the development of active reading strategies for the tasks and texts students encounter in college. Stresses the interaction among the reader, the text and the context as applied to a variety of disciplines. Guides students to become independent readers who process information to enhance learning. Placement based on the reading placement exam.

321	EN52-1	TTH	9:00 a.m. - 12:40 p.m.	2nd 8-week
322	EN52-2	MW	5:00 p.m. - 8:40 p.m.	1st 8-week

EN60 - Writing Skills II Part 1 (0) [2]

Prerequisites: EN 50 and EN 51 or placement based on the reading and writing placement exams

The first of a two-part sequence that develops writing skills in preparation for EN 61 and EN 101. Emphasizes writing well-organized paragraphs and essays. Includes review of grammar and punctuation and development of proofreading and editing skills.

323	EN60-1	TWTH	9:00 a.m. - 12:00 p.m.	1st 3-week
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EN61 - Writing Skills II Part 2 (0) [2]

Prerequisite: EN 60 or results of writing placement exam

The second of a two-part sequence that develops writing skills in preparation for EN 101. Emphasizes writing well-organized essays. Includes review of grammar and punctuation and development of proofreading and editing skills.

324	EN61-1	TWTH	9:00 a.m. - 12:00 p.m.	2nd 3-week
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EN101 - English Composition (3)

Gen Ed English

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73) OR (satisfactory performance on the writing assessment and satisfactory performance on the reading assessment)

Develops students' ability to use writing, reading, research, and thinking processes to create documented essays that demonstrate the conventions of academic writing.

325	EN101-1	MW	8:00 a.m. - 10:30 a.m.	1st 8-week
326	EN101-2	TTH	12:00 p.m. - 2:30 p.m.	1st 8-week
327	EN101-3	SAT	8:30 a.m. - 2:45 p.m.	1st 8-week
328	EN101-4	MW	5:00 p.m. - 7:35 p.m.	2nd 8-week
329	EN101-ONL1			1st 8-week
330	EN101-ONL2			1st 8-week
331	EN101-LK1	MTWT	9:00 a.m. - 10:15 a.m.	1st 8-week

Note: This is an EN101 'S' class. Students must register for EN101-LK1 and ACE100-LK1.

EN102 - English Composition and Literature (3)

Gen Ed Humanities; Gen Ed Communications

Prerequisite: EN 101

Reinforces, through an examination of literature, the reading, writing, critical thinking, and information literacy skills introduced in English Composition. By exploring literary texts from fiction, poetry, and drama, students learn to clarify their own values and identities as well as develop a better understanding of ideas and cultures beyond their own experience.

333	EN102-1	MW	1:00 p.m. - 3:20 p.m.	1st 8-week
334	EN102-2	MW	1:00 p.m. - 3:20 p.m.	2nd 8-week
335	EN102-3	TTH	8:00 a.m. - 12:00 p.m.	1st 5-week
336	EN102-ONL1			1st 8-week
337	EN102-ONL2			1st 8-week

EN216 - The Short Story (3)

Gen Ed Humanities

Prerequisite: EN 101

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.

338	EN216-ONL1			1st 8-week
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EN226 - Film as Literature (3)

Gen Ed Humanities

Prerequisite: EN 101

Surveys selected films and their counterparts in literature. Emphasizes narrative abilities of film.

339	EN226-1	MW	1:00 p.m. - 4:00 p.m.	1st 5-week
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ESL: ESL (English as a Second Language)

ESL70 - Academic Reading I (0)[4]

Prerequisites: Placement on the college's ESL assessment (LOEP)

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.

437 ESL70-1 TWTH 8:15 a.m. - 10:30 a.m. 1st 8-week

Note: All ESL courses will require approval for Summer registration. Online registration will not be available for ESL courses.

ESL71 - Academic Grammar & Writing I (0)[4]

Prerequisites: Placement on the college's ESL assessment (LOEP)

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 ESL courses.

438 ESL71-1 TWTH 11:00 a.m. - 1:15 p.m. 1st 8-week

Note: All ESL courses will require approval for Summer registration. Online registration will not be available for ESL courses.

ESL72 - Academic Reading II (0)[4]

Prerequisites: (ESL 70 and ESL 71) or (ESL 98 and ESL 95) or placement on the college's ESL assessment (LOEP);

Corequisite: ESL 73

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 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 ESL assessment.

340 ESL72-1 TWTH 2:30 p.m. - 4:45 p.m. 1st 8-week

Note: All ESL courses will require approval for Summer registration. Online registration will not be available for ESL courses.

ESL73 - Academic Grammar & Writing II (0)[4]

Prerequisites: (ESL 70 and ESL 71) or (ESL 98 and ESL 95) or placement on the college's ESL assessment (LOEP);

Corequisite: ESL 72

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.

341 ESL73-1 TWTH 5:30 p.m. - 7:45 p.m. 1st 8-week

Note: All ESL courses will require approval for Summer registration. Online registration will not be available for ESL courses.

FSA: Fire Service Administration

FSA 109 - GIS and Technology for Fire Services (3)

Prerequisite or Corequisite: EN 101

Provides a foundation for implementing geospatial technologies in a local emergency service agency, within the context of planning, mitigation, response, and recovery. GIS can be applied to each of the phases of crisis management and whole community planning. The value, application, and use of geospatial technologies in emergency services and the fundamental skills required for basic implementation will be addressed.

440 FSA109-HYB1 M h 7:00-10:00 p.m. 1st 8-week

FSA 205 - EMS Operations (3)

Prerequisite: FSA 105

Provides EMS personnel/officers/supervisors the knowledge and skills to apply proper scene command techniques for management of medium to large incidents involving multiple sick or injured patients. Topics covered include problem-solving and EMS functions within incident command, resource management, interagency and mutual aid, size-up and strategy, tactics and action plans, EMS company operations, pre-incident preparation, incident organization, and strategic command. Emphasis is placed on pre-incident planning and the use of standard operating procedures.

441 FSA205-HYB1 Th 7:00-10:00 p.m. 1st 8-week

GG: Geography

GG102 - Cultural Geography (3)

Gen Ed Geography; Cultural Competence

Prerequisite: EN 52 or ESL 99 or ESL 72

Studies man in his regional settings, with emphasis on the interrelationships of physical and cultural phenomena.

385 GG102-ONL1 1st 8-week

HE: Health Education

HE102 - Nutrition in a Changing World (3)

Gen Ed Wellness

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

Presents the basic principles of human nutrition with emphasis on the nutrients and factors that affect their use in the human body.

103 HE102-1 MW 9:00 a.m. - 11:30 a.m. 1st 8-week

104 HE102-ONL1 1st 8-week

105 HE102-ONL2 1st 8-week

HE110 - Nutrition Basics (1)

Applies a basic knowledge of nutrition to enable the students to make good dietary decisions. Provides a basis for discerning healthy diets.

106 HE110-ONL1 1st 8-week

HE115 - Stress Management Techniques (1)

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

107 HE115-1 F 9:30 a.m. - 12:00 p.m. 2nd 5-week

HE201 - Stress Management (3)

Gen Ed Wellness

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

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.

108 HE201-ONL1 1st 5-week

109 HE201-ONL2 2nd 5-week

HE204 - Health Education (3)

Gen Ed Wellness

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

Covers basic areas of health, including mental health, fitness, nutrition, weight control, sexual health, drugs and alcohol, disease and consumer and environmental health.

110 HE204-1 MW 5:00 p.m. - 9:00 p.m. 1st 5-week

111 HE204-2 TTH 5:00 p.m. - 9:00 p.m. 2nd 5-week

112 HE204-ONL1 1st 5-week

113 HE204-ONL2 2nd 5-week

HI: History

HI101 - History of Western Civilization (3)

Gen Ed History

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)
Surveys the development of Western civilization from ancient times to 1500.

386	HI101-1	TTH	8:00 a.m. - 12:00 p.m.	1st 5-week
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HI102 - History of Western Civilization (3)

Gen Ed History

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)
Covers Western history from 1500 to the present.

387	HI102-ONL1			1st 8-week
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HI201 - History of the United States (3)

Gen Ed History

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)
Examines the economic, political and social forces that have shaped the patterns of life, institutions and thought in the United States through the Civil War.

388	HI201-1	TTH	8:00 a.m. - 12:00 p.m.	1st 5-week
389	HI201-ONL1			1st 8-week

HI202 - History of the United States (3)

Gen Ed History

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)
Covers United States history from Reconstruction to the present.

390	HI202-1	MW	8:00 a.m. - 12:00 p.m.	2nd 5-week
391	HI202-ONL1			1st 8-week

IS: Honors Independent Study

Provides in-depth study of a particular subject. Students work closely with a faculty mentor to conduct original research or produce an artistic work, which is presented to the campus community at the end of the semester. See Honors Coordinator for guidelines and course permission. Honors independent study courses currently available include the following:
Corequisite: IS 912H. Contact the Honors Coordinator for an application, 301.846.2535.

419	IS 900H—IS: Biology Honors (3)
420	IS 901H—IS: Communication Honors (3)
421	IS 902H—IS: English Honors (3)
422	IS 903H—IS: Mathematics Honors (3)
423	IS 904H—IS: Psychology Honors (3)
424	IS 905H—IS: Sociology Honors (3)
425	IS 909H—IS: Art Honors (3)
426	IS 910H—IS: Physical Science Honors (3)
427	IS 911H—IS: History Honors (3)
428	IS 912H—Honors Forum (1)

Prerequisites: Completion of honors course in discipline of independent study and completion of 15 credits at FCC.

HS: Human Services

HS102 - Human Relations (3)

Gen Ed Human Services; Cultural Competence

Prerequisite: EN 52 or ESL 99 or ESL 72

Introduces students to the fundamentals of interpersonal communication and examines such communication in the context of culture, ethnicity, gender, age, and race in particular. As an experiential course, it seeks to increase the skills and sensitivity necessary for successful human relationships in a diverse global, national and local community. The impact of the increasing use of interactive technologies is also examined.

392	HS102-1	MW	8:00 a.m. - 12:00 p.m.	2nd 5-week
393	HS102-2	TTH	5:00 p.m. - 9:00 p.m.	1st 5-week
394	HS102-ONL1			1st 8-week

HS 204 - Ethics & Practice Issues in Human Services (1)

Prerequisite: HS 203; *Corequisite:* INTR 102

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.

439	HS204-ONL1			1st 8-week
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ID: Interdisciplinary Studies

ID209 - Ethnic Diversity (3)

Gen Ed Interdisciplinary; Cultural Competence

Prerequisite: EN 52 or ESL 99 or ESL 72

A survey of the status and treatment of ethnic groups in the United States; patterns of dominant and subordinate relations, prejudice and discrimination; historical and current problems, demographic and social background, political and social policies.

395	ID209-ONL1			1st 8-week
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INTR: Internship

INTR 101,102,103 – Internship (1,2,3)

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.

429	INTR101-1	TBA	TBA	10-week
430	INTR101-2	TBA	TBA	1st 8-week
431	INTR102-1	TBA	TBA	10-week
432	INTR102-2	TBA	TBA	1st 8-week
433	INTR103-1	TBA	TBA	10-week
434	INTR103-2	TBA	TBA	1st 8-week

Additional sections available in various sessions.

LAR: Arabic

LAR101 - Introductory Arabic I (3)

Gen Ed Humanities

Covers the fundamentals of the Arabic language both written and spoken pertinent to the first semester. Offers a strong foundation in the language through development of vocabulary, grammar, reading and conversational skills. Offers insights into Arabic culture and customs.

295	LAR101-1	TWTH	11:00 a.m. - 1:45 p.m.	1st 5-week
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LAR102 - Introductory Arabic II (3)

Gen Ed Humanities

Prerequisite: LAR 101

Continues the fundamentals of the Arabic language, both written and spoken, pertinent to the second semester. Offers a strong foundation in the language through further development of vocabulary, grammar, reading and conversational skills. Provides insights into Arabic culture and customs.

296	LAR102-1	TWTH	11:00 a.m. - 1:45 p.m.	2nd 5-week
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LF: French

LF101 - Introductory French I (3)

Gen Ed Humanities

Presents study of French grammar and vocabulary with selected readings in contemporary literature. Develops competence in and knowledge of French language and culture.

297	LF101-1	MW	10:00 a.m. - 2:00 p.m.	1st 5-week
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LF102 - Introductory French II (3)

Gen Ed Humanities

Prerequisite: LF 101

A continuation of LF 101 with increased emphasis on literature and idiomatic speech.

298	LF102-1	MW	10:00 a.m. - 2:00 p.m.	2nd 5-week
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LS: Spanish

LS101 - Introductory Spanish I (3)

Gen Ed Humanities

Introduces Spanish grammar and vocabulary. Develops oral and reading skills in the language and competence in answering basic questions. Through the reading of lifelike dialogs, students gain insight into Spanish culture, thought and expression.

299	LS101-1	MW	8:00 a.m. - 12:00 p.m.	1st 5-week
300	LS101-2	MW	5:00 p.m. - 9:00 p.m.	1st 5-week
301	LS101-3	MTWT	6:00 p.m. - 8:00 p.m.	1st 5-week
302	LS101-ONL1			1st 8-week

LS102 - Introductory Spanish II (3)

Gen Ed Humanities

Prerequisite: LS 01

A continuation of LS 101. Introduces more complicated readings.

303	LS102-1	TTH	5:00 p.m. - 9:00 p.m.	2nd 5-week
304	LS102-ONL1			1st 8-week

LS201 - Intermediate Spanish I (3)

Gen Ed Humanities; Cultural Competence

Prerequisite: LS 102

Presents advanced grammar and composition with selected readings pertinent to the intermediate level. Group discussions in Spanish.

305	LS201-1	MW	5:00 p.m. - 9:00 p.m.	1st 5-week
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LS202 - Intermediate Spanish II (3)

Gen Ed Humanities; Cultural Competence

Prerequisite: LS 201

A continuation of LS 201. Students discuss readings in representative Spanish prose and poetry.

306	LS202-1	MW	5:00 p.m. - 9:00 p.m.	2nd 5-week
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MA: Mathematics

MAA - Instruction with Algebra (2)

369	MAA-1	ASG		1st 8-week
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Note: Students registering for MA 103A or MA 206A must also register for MA A.

MA81 - Introductory Algebra (0) [4]

Prerequisites: Placement into EN 51 or ESL 70 or higher on the reading placement test AND a grade of B or better in MA 80 or Accuplacer placement score of 30 or greater on the Beginning Algebra section

Develops introductory algebra skills. Topics include variables and algebraic expressions, order of operations, graphing and solving linear equations, like terms, the distributive law, applications of linear equations, systems of linear equations, polynomials, factoring, and rational expressions. Technology is integrated with traditional skills practice throughout the course.

342	MA81-1	MTWT	9:00 a.m. - 10:35 a.m.	1st 8-week
343	MA81-2	MTWT	6:00 p.m. - 8:30 p.m.	2nd 5-week

MA82 - Intermediate Algebra (0) [4]

Prerequisites: A grade of B or better in MA 81 or appropriate score on mathematics placement test, and placement in EN 51 or ESL 70 or higher on the reading placement test

Develops intermediate algebra skills with a graphing approach. Topics include linear equations, systems of equations, quadratic equations, functions, exponents, radical functions, exponential functions, logarithmic functions, polynomial functions, and rational functions. Technology is integrated with traditional skill practice throughout the course.

344	MA82-1	MTWT	9:00 a.m. - 11:30 a.m.	2nd 5-week
345	MA82-2	MTWT	11:30 a.m. - 2:00 p.m.	1st 5-week
346	MA82-3	MTWT	6:00 p.m. - 8:30 p.m.	2nd 5-week

MA85 - Introductory and Intermediate Algebra (0) [6]

Prerequisites: Placement into EN 51 or ESL 70 or higher on the reading placement test AND a grade of B or better in MA 80 or Accuplacer placement score of 30 or greater on the Beginning Algebra section

Develops introductory and intermediate algebra skills. Topics include algebraic expressions, linear expressions and equations, exponents, polynomials, factoring, rational expressions and equations, graphing and solving linear, quadratic, radical, exponential, and logarithmic functions. Technology is integrated with traditional skill practice throughout the course.

347	MA85-1	MTWT	9:00 a.m. - 11:25 a.m.	1st 8-week
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MA103 - Foundations of Mathematics with Algebra (3) [5]

Gen Ed Math

MA 103 Prerequisites: MA 82 or MA 85 or BU/MA 205 or BU/MA 205A or MA 206 or MA 206A or MA 207 or MA 207A or appropriate score on mathematics placement test

Covers various topics within mathematics for those who need a survey of mathematical principles rather than the in-depth analysis required for a mathematics or science-related program. Areas covered may include problem-solving strategies, logic, numeration systems, set theory, classification of numbers, algebra, financial management, geometry, measurement and right triangle trigonometry, probability, statistics, graphs, systems of equations, linear programming, graph theory, and voting theory. Students cannot receive credit for both MA 103 and MA 103A.

348	MA103-1	MTWT	9:00 a.m. - 12:10 p.m.	1st 3-week
349	MA103-2	MTWT	12:00 p.m. - 2:00 p.m.	2nd 5-week
350	MA103-ONL1			1st 8-week

MA103A - Foundations of Mathematics (3)

Gen Ed Math

Prerequisites: A grade of C or better in MA 81 or appropriate score on mathematics placement test AND placement in EN 51 or ESL 70 or higher on the reading placement test

Covers various topics within mathematics for those who need a survey of mathematical principles rather than the in-depth analysis required for a mathematics or science-related program. Areas covered may include problem-solving strategies, logic, numeration systems, set theory, classification of numbers, algebra, financial management, geometry, measurement and right triangle trigonometry, probability, statistics, graphs, systems of equations, linear programming, graph theory, and voting theory. Students cannot receive credit for both MA 103 and MA 103A.

351	MA103A-1	MTWT	9:00 a.m. - 11:00 a.m.	1st 8-week
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Note: Students registering for MA 103A must also register for MA A - Instruction with Algebra.

MA111 - Precalculus (4)

Gen Ed Math

Prerequisite: Minimum grade of B in MA 82 or MA 85

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.

353	MA111-1	MTWT	5:00 p.m. - 6:40 p.m.	1st 8-week
354	MA111-ONL1			1st 8-week

MA130 - College Algebra (3)

Gen Ed Math

Prerequisite: A grade of C or better in MA 82 or MA 85 or appropriate score on mathematics placement test.

This class can be taken as a single semester course in College Algebra or as the first part of a two semester sequence (MA 130 and MA 131) to prepare for Calculus. Topics covered include 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, formula of midpoint, distance and average rate of change, and right triangle trigonometry. Two of the following courses: MA 111, MA 130 and MA 131 may be taken for a maximum of 7 credits.

355	MA130-1	MTWT	9:00 a.m. - 11:00 a.m.	2nd 5-week
356	MA130-2	MTWT	12:30 p.m. - 2:30 p.m.	1st 5-week

MA206 - Elementary Statistics (3)

Gen Ed Math

MA 206 Prerequisite: MA 82 or MA 85 or MA 103 or MA 103A or BU/MA 205 or BU/MA 205A or MA 207 or MA 207A or appropriate score on mathematics placement test

An introductory non-calculus statistics course. Topics 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: BU/MA 205, BU/MA 205A, MA 206, MA 206A, MA 207, or MA 207A.

359	MA206-1	MTWT	9:00 a.m. - 11:00 a.m.	1st 5-week
360	MA206-2	MTWT	6:00 p.m. - 8:00 p.m.	1st 5-week
361	MA206-ONL1			1st 8-week
362	MA206-ONL2			1st 8-week

MA206A - Elementary Statistics with Algebra (3) [5]

Gen Ed Math

MA 206A Prerequisite: Prerequisites: A grade of C or better in MA 81 or appropriate score on mathematics placement test AND placement in EN 51 or ESL 70 or higher on the reading placement test

An introductory non-calculus statistics course. Topics 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: BU/MA 205, BU/MA 205A, MA 206, MA 206A, MA 207, or MA 207A.

363	MA206A-1	MTWT	11:30 a.m. - 1:30 p.m.	1st 8-week
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Note: Students registering for MA 206A must also register for MA A - Instruction with Algebra.

MA210 - Calculus I (4)

Gen Ed Math

Prerequisite: Grade of C or better in MA 111 or grades of C or better in both MA 130 and MA 131

Presents the first course in the three-semester calculus sequence (MA 210, MA 211, MA 212). Designed for students in mathematics, science, engineering, medical and other technical programs. Topics covered include: functions, limits, continuity, the derivative concept, differentiation techniques (including produce rule, quotient rule, chain rule and implicit differentiation), applications of the derivative, and definite and indefinite integral concepts. The Fundamental Theorem of Calculus is discussed and used in the context of introductory integration.

365	MA210-1	MTWT	5:00 p.m. - 6:40 p.m.	1st 8-week
366	MA210-ONL1			10-week

MA211 - Calculus II (4)

Gen Ed Math

Prerequisite: MA 210

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

367	MA211-1	TTH	5:00 p.m. - 8:20 p.m.	1st 8-week
368	MA211-ONL1			1st 8-week

MDA: Medical Assisting

MDA104 - Medical Assisting Clinical I (1)

Prerequisites: MDA 102, MDA 112

Provides supervised placement in a contracted facility for guided experience in application of knowledge and skill of business and administrative skills in a medical office. Emphasis is placed on enhancing competence in medical skills necessary for comprehensive patient care and strengthening professional communications and interactions.

169	MDA104-1	ASG		1st 5-week
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MDA108 - Basic Medical Terminology (1)

Prerequisite or Corequisite: EN 52 or ESL 99 or ESL 72


Provides students with the basic medical terminology framework needed before advancing to a more comprehensive medical terminology or anatomy and physiology based course.

170	MDA108-HYB1	T h	9:30 a.m. - 10:45 a.m.	1st 8-week
171	MDA108-HYB2	T h	2:30 p.m. - 3:45 p.m.	2nd 8-week

MDA109 - Medical Terminology (3)

Prerequisite: EN 52 or ESL 99 or ESL 72

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.

172	MDA109-HYB1	T h	11:30 a.m. - 2:00 p.m.	1st 8-week
173	MDA109-ONL1			2nd 8-week

MDA201 - Medical Assisting Laboratory Procedures (3)

Prerequisite: MDA 102; Prerequisite or Corequisite: MDA 104

Introduces the basic routine laboratory skills and techniques required for assisting with patients in the medical office. Emphasizes laboratory activities and responsibilities of the medical laboratory technician for a physician's office. Skills include (but are not limited to): collecting, handling, and examining laboratory specimens and using phlebotomy procedures according to OSHA regulations.

174	MDA201-1	TTH	6:30 p.m. - 9:00 p.m.	1st 8-week
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MDA204 - Medical Assisting Clinical II (2)

Prerequisite or Corequisite: MDA 202

Provides students with supervised patient-care experience in the medical office. Emphasis is placed on enhancing competence in clinical and laboratory skills necessary for comprehensive patient care and strengthening professional communications and interactions.

175	MDA204-1	ASG		1st 5-week
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MDA205 - Medical Administrative Clinical II (2)

Prerequisite: MDA 216

Provides students with supervised patient-care experience in the medical office. Emphasis is placed on enhancing competence in medical office administration for patient care and strengthening professional communications and interactions including accounting, billing and coding procedures.

176	MDA205-1	ASG		1st 5-week
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MU: Music

MU103 - Fundamentals of Music (3)

Gen Ed Arts

Prerequisites or Corequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)
Covers the basic elements of music for the interested student or prospective classroom teacher. Includes study of musical notation, terminology, major and minor scales, simple and compound meters, familiarity with the piano keyboard, intervals, triads, sight-singing, ear-training and simple dictation.

308	MU103-ONL1			1st 8-week
418	MU103-1	MW	12:30 p.m. - 4:30 p.m.	2nd 5-week

MU107 - Aural and Keyboard Skills II (1)

Prerequisite: MU 106

A continuation of Aural and Keyboard Skills I, coordinated with material presented in Music Theory II, including more difficult triad types and seventh chords, non-harmonic tones, part-singing, syncopated rhythms, cadences, harmonic progressions and modulations.

309	MU107-1	MTWT	12:30 p.m. - 1:30 p.m.	1st 5-week
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MU108 - Survey of World Music (3)

Gen Ed Arts; Cultural Competence; Gen Ed Multicultural Perspective

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

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. Music reading skills unnecessary.

310	MU108-ONL1			1st 8-week
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MU109 - History of American Popular Music (3)

Gen Ed Arts

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

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.

312	MU109-ONL1			1st 8-week
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MU112 - Music Theory II (3)

Prerequisite: MU 111

A continuation of Theory I, with more advanced harmony. Introduces contrapuntal technique. Offers more advanced dictation skills, beginning composition using course skills.

313	MU112-1	MTWT	9:30 a.m. - 11:30 a.m.	1st 5-week
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MU135 - Audio Recording Techniques (3)

Prerequisite: MU 130

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

416	MU135-1	MTWT	2:00 p.m. - 4:00 p.m.	1st 5-week
416	MU135-1	MTWT	2:00 p.m. - 4:00 p.m.	1st 5-week

MU145 - Publishing, Licensing, and Copyrighting (3)

Prerequisite or Corequisite: EN 52 or ESL 99 or ESL 72

Examines music publishing, licensing, and copyright procedures used by the professional musician, music administrator, and music producer.

417	MU145-1	TTH	9:00 a.m. - 1:00 p.m.	1st 5-week
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NM: Nuclear Medicine

NM204 - Clinical Nuclear Medicine Technology III (4)

Prerequisites: NM 105, NM 107, NM 202, and NM 203

Provides directed practice in a clinical affiliate hospital/imaging center. Students continue to develop their individual clinical techniques and create a clinical procedures manual. Daily imaging critiques by licensed/certified technologists and on-site lectures by board certified nuclear medicine physicians supplement clinical experiences.

114	NM204-1	T-F	8:00 a.m. - 4:30 p.m.	10-week
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NM205 - Professional Development in Nuclear Medicine (2)

Prerequisites: NM 105, NM 107, NM 202, and NM 203

Prepares students for their board certification exam. Teaches students how to develop a resume, prepare for an interview, and develop the professional knowledge, skills, and attitudes to prepare for professional employment and lifelong learning.

115	NM205-1	M	9:00 a.m. - 11:00 a.m.	1st 8-week
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NU: Nursing

NU50 - Preparation for Nursing (0) [1]

Prerequisite: Acceptance into clinical nursing program

Serves as a basis for developing proficiency and accuracy in dosage calculation. Includes computations for oral, parenteral, and intravenous routes of administration for adults and children using the apothecaries, metric, and household systems of measurement.

370	NU50-HYB1	W h	9:00 a.m. - 1:00 p.m.	1st 3-week
371	NU50-HYB2	W h	9:00 a.m. - 1:00 p.m.	2nd 3-week

NU51 - Transition to Registered Nursing (0) [2]

Prerequisite: Permission of director of nursing education; passing score on the Math for Medication Safety test
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.

372	NU51-1	W	9:00 a.m. - 3:00 p.m.	1st 3-week
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NU52 - Reproductive Health Nursing (Transition to RN) (0) [1]

Prerequisite: NU 51

Introduces the study of the reproductive phase of family life and the specific health needs of women from adolescence to menopause. Pregnancy, labor and delivery, as well as commonly occurring alterations in women's health are presented, along with the study of the newborn. Emphasis is on assimilation of knowledge, skills, and professional behaviors needed for the delivery of family-centered, comprehensive care.

373	NU52-1	T	12:00 p.m. - 3:00 p.m.	2nd 5-week
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NU54 - Transition to Register Nursing (0) [3]

Prerequisite: NU 51

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.

374	NU54-1	T	9:00 a.m. - 12:00 p.m.	1st 5-week
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NU210 - Reproductive Health Nursing (3)

Prerequisite: NU 101; passing score on the Math for Medication Safety test

Introduces the study of the reproductive phase of family life and the specific health needs of women from adolescence to menopause. Pregnancy, labor and delivery, as well as commonly occurring alterations in women's health are presented, along with the study of the newborn. Emphasis is on assimilation of knowledge, skills, and professional behaviors needed for the delivery of family-centered, comprehensive care.

375	NU210-1LC	T	5:00 p.m. - 9:00 p.m.	1st 8-week
376	NU210-11LB	ASG		1st 8-week

NU215 - Nursing Care of Children (3)

Prerequisites: NU 212, NU 214; passing score on the Math for Medication Safety test

Introduces the study of the pediatric client experiencing acute alterations in health. Client care in acute and community care settings will be explored with a focus on wellness, health promotion, and safety. Emphasis is on assimilation of knowledge, skills, and professional behaviors needed for the delivery of family-centered, safe, and comprehensive care.

377	NU215-11C	W	5:00 p.m. - 9:00 p.m.	1st 8-week
378	NU215-11LB	ASG		1st 8-week

LA: Paralegal

LA 210—Estates and Probate (3)

Prerequisite: LA 100

Covers basic legal concepts and fundamental principles of law as applied to the more common forms of wills, trusts, and intestacy, as well as organization and jurisdiction of the probate court.

435	LA210-ONL1	📱		1st 5-week
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LA 230—Law of the Real Estate Business (3)

Prerequisite: LA 100

Reviews the essentials of real estate law and the processes and procedures for which the paralegal is responsible, including discussion of landlord/tenant matters; easements and covenants; analysis of real estate contracts; types and sources of mortgage financing; ordering title work; preparation of closing documents; settlement statements; closing; and coordination of closing.

436	LA230-ONL1	📱		2nd 5-week
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PC: Physical Science

PC103 - Elements of Physical Science (3)

Gen Ed Science

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73), and MA 82 or MA 85

Covers selected aspects of earth science, physics, chemistry and the quantitative relationships involved in the behavior of matter. Uses simple experiments to introduce scientific topics as needed. Restricted to non-science majors. Students cannot receive credit for both PC 103 and PC 114.

240	PC103-1	TTH	8:00 a.m. - 12:00 p.m.	1st 5-week
241	PC103-ONL1	📱		1st 8-week

PC104 - The Water Planet: Introduction to Oceanography (3)

Gen Ed Science

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73), and MA 82 or MA 85

Presents a study of the ocean as a dynamic and changing entity. Emphasizes connections among disciplines in and outside the areas of science. Provides a basic understanding of scientific questions, complexities and uncertainties involved with the study and use of oceans.

242	PC104-ONL1	📱		1st 8-week
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PC106 - Introduction to Meteorology (4)

Gen Ed Science

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73), and MA 82 or MA 85

Surveys the basic physics and chemistry of the atmosphere and applies the diagnostic tools of the meteorologist. Includes some discussion of applied meteorology, forecasting, pollution, and climatology. This course includes a lab. Students cannot get credit for both PC 106 and PC 105.

243	PC106-ONL1	📱		10-week
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PC107 - Introductory Astronomy (4)

Gen Ed Science

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73), and MA 82 or MA 85

Presents a survey of astronomy that includes a study of the physical nature of the universe, the solar system, stars, nebulae and galaxies. The laboratory includes sky observations for collection and analysis of data, photographic analysis and laboratory experiments.

244	PC107-11C	TTH	5:00 p.m. - 7:35 p.m.	1st 8-week
245	PC107-11LB	TTH	7:45 p.m. - 10:15 p.m.	1st 8-week
246	PC107-ONL1	📱		1st 8-week

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

PE: Physical Education

PE108 - Body Mechanics (1)

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.

116	PE108-1	T	6:00 p.m. - 8:00 p.m.	1st 8-week
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PE154 - Fitness for Living (3)

Gen Ed Wellness

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

Covers the components of physical fitness, stress, care of the back, nutrition and weight control. Evaluations in all areas included through laboratory experiences.

117	PE154-1	TTH	9:00 a.m. - 12:45 p.m.	1st 5-week
118	PE154-2	TTH	9:00 a.m. - 12:45 p.m.	2nd 5-week

PE179 - Tennis I (1)

Introduces the basic skills of tennis, including the basic grips, forehand and backhand ground-strokes, volleys and serves; covers the rules and etiquette of the sport.

119	PE179-1	TTH	9:00 a.m. - 10:15 a.m.	1st 5-week
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Note: After first day, class will meet at the tennis courts.

PE181 - Golf I (1)

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.

120	PE181-1	T	5:30 p.m. - 8:05 p.m.	1st 5-week
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Note: After first day, class held at Liberty Road Golf Center. \$8 per class fee (\$32 total) paid at site.

PE188 - Yoga (3)

Provides a holistic approach to understanding some of the fundamental principles and philosophies of yoga while also providing a weekly experiential Hatha (physical) practice.

121	PE188-1	MW	9:30 a.m. - 12:00 p.m.	1st 8-week
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PE190 - Pilates (1)

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.

122	PE190-1	TTH	9:30 a.m. - 10:45 a.m.	2nd 5-week
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PE195 - Tai Chi (1)

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.

123	PE195-1	TTH	2:00 p.m. - 3:15 p.m.	2nd 5-week
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PE241 - Methods of Fitness and Conditioning (1)

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.

124	PE241-1	MW	5:30 p.m. - 8:00 p.m.	2nd 5-week
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PE247 - Methods of Strength Training (1)

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.

125	PE247-1	MW	5:30 p.m. - 8:00 p.m.	1st 5-week
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PH: Philosophy

PH101 - Introduction to Philosophy (3)

Gen Ed Humanities

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

Surveys the major intellectual problems faced by great philosophers of all ages.

314	PH101-ONL1			1st 8-week
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PH204 - World Religions (3)

Gen Ed Humanities; Cultural Competence

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

Introduces the historical background, beliefs, scriptures and practices of the world's major religious traditions including Hinduism, Jainism, Buddhism, Sikhism, Taoism, Confucianism, Shintoism, Judaism, Zoroastrianism, Christianity and Islam.

315	PH204-1	TTH	1:00 p.m. - 3:30 p.m.	1st 8-week
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316	PH204-ONL1			1st 8-week
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PH205 - Ethics (3)

Gen Ed Humanities

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

Introduces the problems and possibilities of moral philosophy and ethical decision making.

317	PH205-1	MW	5:00 p.m. - 9:00 p.m.	1st 5-week
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PH207 - Biomedical Ethics (3)

Gen Ed Humanities

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

Explores some of the most troubling problems that health care professionals, physicians and lawyers as well as individual patients and their families are called upon to solve. Examines principles in biomedical ethics, as well as general ethical theories in major problem areas, including euthanasia and prolongation of life, genetic intervention, behavior control, experimenting with human subjects, etc.

318	PH207-ONL1			1st 8-week
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PH208 - Business Ethics (3)

Gen Ed Humanities

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

Introduces business ethics. Clarifies moral obligations and ethical dilemmas for managers who make business decisions.

319	PH208-ONL1			1st 8-week
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PI: Political Science

PI104 - American Government: National (3)

Gen Ed Political Science

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

Covers basic principles of the national government: structure, powers and operations of Congress; the presidency and the Supreme Court; citizenship, elections, political parties and pressure groups.

442	PI104-ONL1			1st 8-week
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 indicates online class •  indicates hybrid class, see page 26

PN: Practical Nursing

PN112 - Nursing Throughout Developmental Stages (8)

Prerequisites: NU 210, NU 211; *Corequisite:* PN 113

Prepares practical nursing students to provide care for adult and pediatric clients systems with commonly recurring physiological, psychological and developmental health problems. The Neuman Systems Model is used as the framework for the course. Supervised clinical experiences on medical-surgical and pediatric units in the hospital as well as observation in community-based centers are provided.

379	PN112-1LC	MTWT	8:00 a.m. - 3:00 p.m.	1st 8-week
380	PN112-1LB	ASG		1st 8-week

PN113 - Issues in Practical Nursing (1)

Prerequisites: NU 210, NU 211; *Corequisite:* PN 112

Focuses on the effective transition from student to licensed practical nurse. Emphasis is on the responsibilities associated with licensure, ethical and legal issues, employment strategies, continuing professional growth and management principles. Relevant trends in the development of the discipline of practical nursing are also emphasized.

381	PN113-1LC	ASG		1st 8-week
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PS: Psychology

PS101 - General Psychology (3)

Gen Ed Psychology

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

Emphasizes the major factors that influence human behavior, including behavioral neuroscience, perceptual processes, consciousness, intelligence, personality and psychological disorders.

396	PS101-1	MW	8:00 a.m. - 12:00 p.m.	1st 5-week
397	PS101-2	TTH	8:00 a.m. - 12:00 p.m.	1st 5-week
398	PS101-3	MW	5:00 p.m. - 9:00 p.m.	2nd 5-week
399	PS101-ONL1			1st 8-week
400	PS101-ONL2			1st 8-week

PS202 - Social Psychology (3)

Gen Ed Psychology

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

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.

401	PS202-1	MW	5:00 p.m. - 9:00 p.m.	2nd 5-week
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PS204 - Psychology of Adolescence (3)

Prerequisite: PS 101

Explores physiological, psychological and social dilemmas of the adolescent. Considers relevant contemporary research and behavioral determinants.

402	PS204-ONL1			1st 8-week
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PS206 - Abnormal Psychology (3)

Prerequisite: PS 101

Explores the nature, etiology, diagnosis, prognosis, treatment and possible prevention of the major classifications of psychological disorders including anxiety, mood, eating, substance-related, schizophrenic, dissociative, personality and childhood disorders.

403	PS206-1	TTH	5:00 p.m. - 9:00 p.m.	1st 5-week
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PY: Physics

PY101 - Survey of Physics (3)

Gen Ed Science

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73), and MA 82 or MA 85

Gives students a general background in physics and prepares those who must take a two-semester physics course who have not had high school physics.

248	PY101-1	TTH	12:30 p.m. - 4:30 p.m.	1st 5-week
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PY201 - Fundamentals of Physics (4)

Gen Ed Science

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73), and MA 82 or MA 85

Presents an introductory study of physics, with the fundamental principles of mechanics, dynamics and mechanical waves. Emphasizes problemsolving and modeling of physical systems.

249	PY201-1LC	MW	8:00 a.m. - 10:35 a.m.	1st 8-week
250	PY201-11LB	MW	11:00 a.m. - 1:30 p.m.	1st 8-week

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

PY203 - Introductory Physics I (4)

Gen Ed Science

Prerequisites: Completion of high school physics or PY 101 strongly recommended, and [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73), and MA 210

Presents an introductory study of physics covering the fundamental principles of mechanics, dynamics and mechanical waves. Emphasizes problem solving and modeling of physical systems. Physical laws and theories are developed by the application of calculus. Prepares students for advanced work in the physical sciences. An analytical course primarily for majors in science or mathematics.

251	PY203-1LC	TTH	9:30 a.m. - 12:05 p.m.	1st 8-week
252	PY203-11LB	TTH	12:30 p.m. - 3:00 p.m.	1st 8-week

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

PY205 - Modern Physics (4)

Prerequisite: PY 204

Continues from the calculus-based sequence PY 203-204, with emphasis on modern physics. Includes topics in relativity, electromagnetic theory, physical optics, quantum theory and atomic and nuclear physics.

253	PY205-ONL1			10-week
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Note: PY201 - Fundamentals of Physics will be offered fall semester only.

PY202 - Fundamentals of Physics will be offered spring semester only.

PY205 - Modern Physics will be offered spring semester only.

RC: Respiratory Care

RC110 - Clinical Practicum II (2)

Prerequisite: RC 103, RC 105, RC 107, RC 109

Teaches proficiency in administering basic respiratory care procedures and handling every aspect of general care. Introduces the intensive care environment and the theory and practical use of mechanical ventilators. Includes practical experience in obtaining arterial blood gases.

126	RC110-1	TTH	7:00 a.m. - 2:00 p.m.	1st 8-week
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SO: Sociology

SO101 - Introduction to Sociology (3)

Gen Ed Sociology

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

Introduces the student to the study of society and the impact of society upon the individual. Exemplifies social processes in cultural patterns and institutions. Examines group values at various levels of human relationship.

404	SO101-1	TTH	8:00 a.m. - 12:00 p.m.	1st 5-week
405	SO101-2	MW	5:00 p.m. - 9:00 p.m.	1st 5-week
406	SO101-ONL1			1st 8-week

SO102 - Social Problems (3)

Gen Ed Sociology; Cultural Competence

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

Offers the study of community problems and sociological processes involved in the analysis of universal and local sociological phenomena.

407	SO102-ONL1			1st 8-week
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ST: Surgical Technology

ST105 - Clinical Practicum (5)

Prerequisite: ST 100

Develops surgical technology concepts, attitudes, and skills needed by students to perform as professional members of a surgical team. Demonstration of proficiency is essential during the perioperative phases of surgical procedures.

127	ST105-1LC	M	8:00 a.m. - 3:00 p.m.	10-week
128	ST105-11LB	THF	6:45 a.m. - 3:00 p.m.	10-week

THR: Theatre

THR101 - Introduction to Theatre (3)

Gen Ed Arts

Prerequisites: [(EN 50A or EN 61) and EN 52] OR (ESL 95 and ESL 99) OR (ESL 72 and ESL 73)

Introduces the history of drama and the theatre through reading, viewing and discussing plays.

320	THR101-1	MW	5:00 p.m. - 9:00 p.m.	1st 5-week
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Special Notice: Mount Airy College Center Healthcare Programs Return to FCC Campus

The Mid-Maryland Health Care Consortium, consisting of Carroll, Frederick, and Howard community colleges, collaborated to open the Mount Airy College Center for Health Care Education in 2012 to bring health care education to students in one centralized location.

After serving more than 2,000 students, the center's academic programs will be returning to each respective home campus following the spring 2016 semester. While the center is closing, the Mid-Maryland Health Care Consortium remains strong, allowing students at each college to benefit from partnership agreements, and we continue our mission of providing pathways to student success.

Please refer to FCC schedules for current class offerings and registration information. If you have any questions, our friendly staff is ready to assist you.

FCC Credit Admissions

(301) 624-2716 • Admissions@Frederick.edu
Frederick.edu

FCC Continuing Education & Workforce Development

(301) 624-2888 • CEInfo@Frederick.edu
Frederick.edu/QuickEnroll



Our new Learning Commons gives students a state-of-the-art facility where they can collaborate and work toward their future.



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: online courses and hybrid courses. Hybrid courses require the student to attend some class sessions on campus; online courses do not.

Both online and hybrid courses are taught on Blackboard™ and require that the student:

- Have internet access through broadband connection or Wi-Fi (wireless)
- Have access to a Windows, Mac, or Linux computer
- Windows 7 or higher, Mac OS X, or Linux with Ubuntu 14 or higher
- 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;
- Be responsible for maintaining appropriate security and virus protection when using the student's own personal computer(s).

Students should expect to spend as much time on an Internet course as they would on a traditional on-campus course.

Students should be self-motivated to handle the independent nature of learning that occurs in online courses.

Access to Blackboard: <http://frederick.blackboard.com>. User name Wxxxxxxx (where xxxxxx is the seven digit student ID number); first time login password is first 2 letters of last name and last five digits of Student ID number. If one does not work, try the other.

See page 2 for registration information.

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 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.

Online Courses

ACCT: Accounting

ACCT101 - Principles of Accounting I (3)
132 ACCT101-ONL1 1st 8-week

ACCT102 - Principles of Accounting II (3)
135 ACCT102-ONL1 1st 8-week

AN: Anthropology

AN101 - Introduction to Anthropology (3)
383 AN101-ONL1 1st 8-week

AR: Art

AR100 - Introduction to the Creative Arts (3)
256 AR100-ONL1 10-week

AR104 - Survey of Art I (3)
259 AR104-ONL1 1st 8-week

BI: Biological Science

BI130 - Forensic Biology (4)
221 BI130-ONL1 1st 8-week

BU: Business Studies

BU103 - Introduction to Business (3)
139 BU103-ONL1 1st 8-week
140 BU103-ONL2 2nd 5-week

BU211 - Business Law I (3)
141 BU211-ONL1 1st 8-week

BU225 - Marketing (3)
142 BU225-ONL1 1st 5-week

BU227 - Principles of Management (3)
143 BU227-ONL1 2nd 5-week

BU273 - Business Communications (3)
144 BU273-ONL1 1st 8-week

BU274 - Customer Relations (3)
145 BU274-ONL1 1st 8-week

CH: Chemistry

CH101 - General Chemistry (4)
231 CH101-ONL1 1st 8-week

CIS: Computer and Information Sciences

CIS101 - Info. Systems and Technology (3)
152 CIS101-ONL1 1st 8-week
153 CIS101-ONL2 1st 5-week
154 CIS101-ONL3 2nd 5-week
155 CIS101-ONL4 2nd 5-week

CIS116E - MS Applications Spreadsheets (1)
159 CIS116E-ONL1 2nd 5-week

CIS116F - Microcomputer Software Applications: Computer Fundamentals (1)
160 CIS116F-ONL1 2nd 5-week

CIS179 - Cybersecurity Fundamentals (3)
161 CIS179-ONL1 2nd 5-week

CJ: Criminal Justice

CJ101 - Introduction to Criminal Justice (3)
384 CJ101-ONL1 1st 8-week

CMM: Communications Media

CMM101 - Introduction to Electronic Media (3)
273 CMM101-ONL1 1st 8-week
275 CMM103-ONL1 1st 8-week

CMM103 - Introduction to Film (3)
275 CMM103-ONL1 1st 8-week

CMSP: Communications Speech

CMSP107 - Career Communication (3)
293 CMSP107-ONL1 1st 8-week

EC: Economics

EC201 - Principles of Economics (3)
164 EC201-ONL1 1st 5-week
165 EC201-ONL2 2nd 5-week

EC202 - Principles of Economics (3)
168 EC202-ONL1 2nd 5-week

ECD: Early Childhood Development

ECD101 - Introduction to Early Childhood Education (3)
408 ECD101-ONL1 1st 8-week

ECD104 - Activities I for Children (3)
409 ECD104-ONL1 1st 8-week

Note: Mandatory on-campus meeting: Saturday, July 16, 9 a.m.-12 p.m.

ED: Education

ED203 - Foundations of Special Education (3)
410 ED203-ONL1 1st 8-week

ED/PS: Education/Psychology

ED/PS208 - Human Growth and Development (3)
413 ED/PS208-ONL1 1st 8-week
414 ED/PS208-ONL2 1st 8-week

EN: English

EN101 - English Composition (3)
329 EN101-ONL1 1st 8-week
330 EN101-ONL2 1st 8-week

EN102 - English Composition and Literature (3)
336 EN102-ONL1 1st 8-week
337 EN102-ONL2 1st 8-week

EN216 - The Short Story (3)
338 EN216-ONL1 1st 8-week

GG: Geography

GG102 - Cultural Geography (3)
385 GG102-ONL1 1st 8-week

HE: Health Education

HE102 - Nutrition in a Changing World (3)
104 HE102-ONL1 1st 8-week
105 HE102-ONL2 1st 8-week

HE110 - Nutrition Basics (1)
106 HE110-ONL1 1st 8-week

HE201 - Stress Management (3)
108 HE201-ONL1 1st 5-week
109 HE201-ONL2 2nd 5-week

HE204 - Health Education (3)
112 HE204-ONL1 1st 5-week
113 HE204-ONL2 2nd 5-week

HI: History

HI102 - History of Western Civilization (3)
387 HI102-ONL1 1st 8-week

HI201 - History of the United States (3)
389 HI201-ONL1 1st 8-week

HI202 - History of the United States (3)
391 HI202-ONL1 1st 8-week

HS: Human Services

HS102 - Human Relations (3)
394 HS102-ONL1 1st 8-week

HS 204 - Ethics & Practice Issues in
Human Services (1)

439 HS204-ONL1 1st 8-week

ID: Interdisciplinary Studies

ID209 - Ethnic Diversity (3)
395 ID209-ONL1 1st 8-week

LS: Spanish

LS101 - Introductory Spanish I (3)
302 LS101-ONL1 1st 8-week

LS102 - Introductory Spanish II (3)
304 LS102-ONL1 1st 8-week

MA: Mathematics

MA103 - Foundations of Mathematics (3)
350 MA103-ONL1 1st 8-week

MA111 - Precalculus (4)
354 MA111-ONL1 1st 8-week

MA206 - Elementary Statistics (3)
361 MA206-ONL1 1st 8-week
362 MA206-ONL2 1st 8-week

MA210 - Calculus I (4)
366 MA210-ONL1 10-week

MA211 - Calculus II (4)
368 MA211-ONL1 1st 8-week

MDA: Medical Assisting

MDA109 - Medical Terminology (3)
173 MDA109-ONL1 2nd 8-week

MU: Music

MU103 - Fundamentals of Music (3)
308 MU103-ONL1 1st 8-week

MU108 - Survey of World Music (3)
310 MU108-ONL1 1st 8-week

MU109 - Hist. of American Popular Music
(3)
312 MU109-ONL1 1st 8-week

PC: Physical Science

PC103 - Elements of Physical Science (3)
241 PC103-ONL1 1st 8-week

PC104 - The Water Planet: Introduction to
Oceanography (3)
242 PC104-ONL1 1st 8-week

PC106 - Introduction to Meteorology (4)
243 PC106-ONL1 10-week

PC107 - Introductory Astronomy (4)
246 PC107-ONL1 1st 8-week

PH: Philosophy

PH101 - Introduction to Philosophy (3)
314 PH101-ONL1 1st 8-week

PH204 - World Religions (3)
316 PH204-ONL1 1st 8-week

PH207 - Biomedical Ethics (3)
318 PH207-ONL1 1st 8-week

PH208 - Business Ethics (3)
319 PH208-ONL1 1st 8-week

PI: Political Science

PI104 - American Government: National (3)
442 PI104-ONL1 1st 8-week

PS: Psychology

PS101 - General Psychology (3)
399 PS101-ONL1 1st 8-week
400 PS101-ONL2 1st 8-week

PS204 - Psychology of Adolescence (3)
402 PS204-ONL1 1st 8-week

PY: Physics

PY205 - Modern Physics (4)
253 PY205-ONL1 10-week

SO: Sociology

SO101 - Introduction to Sociology (3)
406 SO101-ONL1 1st 8-week

SO102 - Social Problems (3)
407 SO102-ONL1 1st 8-week

Hybrid Courses

ACCT: Accounting

ACCT102 - Principles of Accounting II (3)
134 ACCT102-HYB1 1st 5-week

BU: Business Studies

BU103 - Introduction to Business (3)
137 BU103-HYB1 1st 5-week
138 BU103-HYB2 2nd 5-week

CH: Chemistry

CH101 - General Chemistry (4)
229 CH101-HYBC 1st 8-week
230 CH101-HYBB 1st 8-week

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

CIS: Computer and Information Sciences

CIS101 - Information Systems and
Technology (3)
146 CIS101-HYB1 2nd 5-week
147 CIS101-HYB2 1st 5-week
148 CIS101-HYB3 2nd 5-week
149 CIS101-HYB4 2nd 5-week
150 CIS101-HYB5 1st 5-week
151 CIS101-HYB6 2nd 5-week

CIS106 - Object Design and Programming
(3)
156 CIS106-HYB1 2nd 8-week
157 CIS106-HYB2 1st 8-week

CIS111J - Microcomputer Software
Applications: Web Page Development (3)
158 CIS111J-HYB1 1st 8-week

CMSP: Communications Speech

CMSP103 - Speech Fundamentals (3)
285 CMSP103-HYB1 1st 5-week

MDA: Medical Assisting

MDA108 - Basic Medical Terminology (1)
170 MDA108-HYB1 1st 8-week
171 MDA108-HYB2 2nd 8-week

MDA109 - Medical Terminology (3)
172 MDA109-HYB1 1st 8-week

NU: Nursing

NU50 - Preparation for Nursing (0) [1]
370 NU50-HYB1 1st 3-week
371 NU50-HYB2 2nd 3-week

Location Key

FCC classes are held on the college's main campus, at the Monroe Center, online and offsite at various locations throughout the county.

Campus Locations

- FCC/A–Annapolis Hall
- FCC/B–Braddock Hall
- FCC/C–Catoclin Hall
- FCC/D–Athletics Center
- FCC/E–Conference Center
- FCC/F–Visual & Performing Arts Center
- FCC/G–Gambrill Hall
- FCC/H–Student Center
- FCC/J–Jefferson Hall
- FCC/L–Linganore Hall
- FCC/P–Plant Operations
- FCC/SH–Sweadner Hall
- FCC/K–Mercer-Akre Kiln

Motorcycle Range–the Visual & Performing Arts Center (building F) parking lot.

Off Campus Locations

Monroe Center

200 Monroe Avenue • Frederick, MD 21701
240.629.7900

Sol Yoga Studio

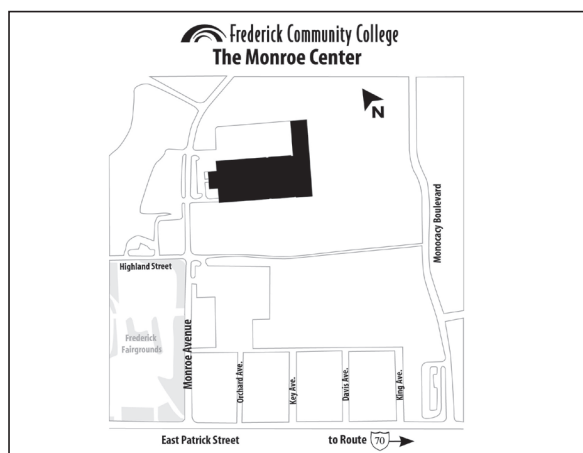
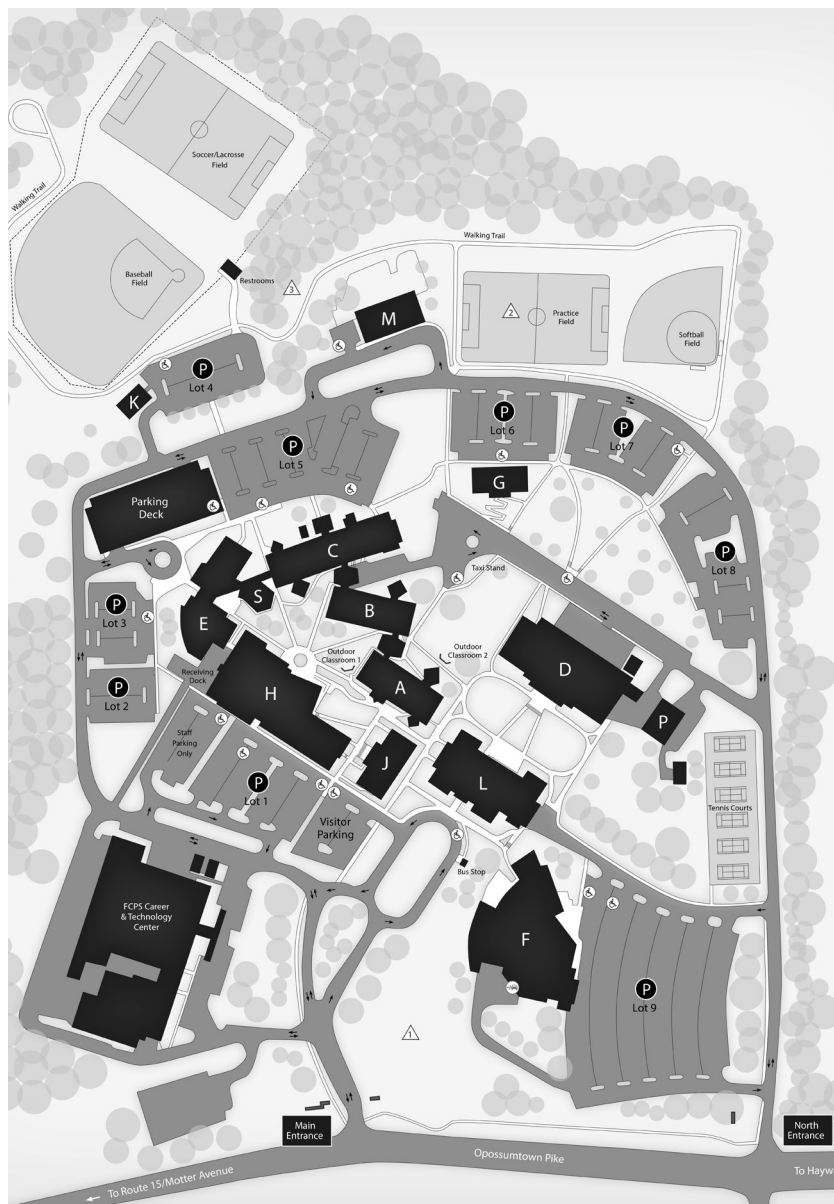
56 West Patrick Street • Frederick, MD 21701
877.765.9642

TBA–To be announced

Visit frederick.edu for complete directions.

FCC Main Campus

7932 Opossumtown Pike • Frederick MD 21702





Explore the Arts in Summer 2016

There are many music ensembles available for credit or non-credit at FCC. This is a great way to make new friends by connecting with a community of music makers each week. There is something for every taste and interest. Consider joining one of these groups to improve your skills or just unwind from your hectic schedule of class work. Please check the schedule for credit options. (Non-credit classes are listed below.) For specific inquiries about joining these ensembles, call the FCC Music Department at 301.846.2642.

MUS129 FCC Jazz Workshop **Introduction & Advanced**

Learn about jazz harmony and rhythms and put them together in an ensemble setting. All instrumentalists welcome—any instrument you like to groove on!

Monday evenings

Introduction 5:00-7:30 p.m. &

Advanced 7:45-10:10 p.m.

Instructor: Anita Thomas, 301.846.2512

MUS100 FCC Jazz Ensemble

Join FCC's Jazz Ensemble and perform the best in big-band jazz. Course includes an on-campus concert. (Prior experience in ensemble playing necessary.)

Wednesday evenings 7:45-10:10 p.m.

Instructor: Howard Burns, 301.846.2512

MUS128 String Ensemble

FCC String Ensemble for beginning and returning music lovers; who will be exploring music from the 1600's to present. Participants of all ages are welcome, ideally should have had at least a year of study on their instrument. Music performed is designed to strengthen technique in a variety of areas, including bow placement, and development, intonation and rhythm studies.

Thursday evenings 7:45-9:15 p.m.

Instructor: Lynn Fleming, 301.922.0398

MUS118 FCC Flute Ensemble

The class is open to both young musicians and adults at intermediate to advanced levels and includes participation in an on-campus recital.

Wednesday evenings 7:45-9:15 p.m.

Instructor: Jennifer Rundlett, 240.675.0866

MUS123 FCC Wind Ensemble

Join FCC's Wind Ensemble and play great original concert band music by leading composers, and transcriptions of classics and standards. The class is open to college and community wind players with previous experience in high school or college/university bands, and to high school band players, with the director's permission. Contact the instructor for eligibility and section placement.

Wednesday evenings 6:30-9:00 p.m.

Instructor: Aaron Lovely, 703.401.8971

MUS126 FCC Percussion Ensemble

FCC's Percussion Ensemble is open to college students and community musicians with a love of percussion. In addition to performing standard percussion repertoire and transcriptions of rock, jazz, and popular music, the group explores percussion music from around the world.

Monday evenings 6:30-8:30 p.m.

Instructor: Gregory Herron, 443.621.8694

MUS 132 FCC Handbell Choir

Experience the joys and challenges of Handbell Choir. This group is open to adult and student musicians of all ages with no prior ringing experience. They will explore a mixture of bell and choir chime techniques through a wide variety of music from different time periods.

Wednesday evenings 5:30-7:00 p.m.

Instructor: Barbara Scheffter, 301.512.8066

MUS 131 FCC Guitar Ensemble

Come join the fun of playing in a variety of size groups ranging from duets, trios, quartets, and larger groups of mixed guitar. This course will culminate with a public performance at the end of the semester.

Friday evenings 5:30-7:00 p.m.

Instructor: Mark Edwards, 334.538.0254

Mary Condon Hodgson Art Gallery • Summer 2016

Open to the public

March 5–31

Paul F. Wilson

Realist Paintings

Oil on Canvas

Opening Reception—Saturday, March 5, 5:00–7:00 p.m.

April 2–May 4

Jennifer Butt

Acrylic Paintings

Opening Reception—Saturday, April 2, 5:00–7:00 p.m.

April 22 and 23, Friday, 10:00 a.m.–4:00 p.m.

and Saturday, 9:00 a.m.–4:00 p.m.

Paper and Print Making Workshop with Sargent - Thamm

This hands-on, two-day workshop will cover a brief history of papermaking with the knowledge and skill to continue making paper.

May 9–June 1

The FCC Visual Arts Department Presents:

The Student Juried Show, spring 2016

Opening Reception—Monday, May 9,

11:30 a.m.–12:30 p.m.

June 4–July 6

Marty Mercer-Akre

Creativity Explosion

Ceramic Bowls, Platters, Functional Sculpture, and Small Original Paintings

Opening Reception—Saturday, June 4, 5:00–7:00 p.m.

July 9–September 7

Frederick Camera Clique

30th Annual Juried Exhibition

Opening Reception—Saturday July 9, 5:00–7:00 p.m.



Frederick Community College

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Frederick, Maryland 21702

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Miranda Gardiner, Digital Media Design



Frederick Community College

My Goal

To be a film producer