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2015-2016 College Catalog

Welcome to Cecil College, where learning transforms lives and strengthens our community. Cecil offers a variety of programs to ensure you achieve your learning goals. You will find outstanding faculty members, administrators and support staff who believe in maintaining the personal connection that is treasured by our students and the community we serve.

We are here to help you select the right program of study and to support you throughout your educational journey. Students choose Cecil College as the place to earn an associate degree, transfer to a four-year college or university from, enhance professional skills, or pursue personal interests. When you complete your degree at Cecil, we will help you transition to the workforce or to a four-year institution to continue your education.

While you are a student at Cecil College, I encourage you to engage and participate in student life activities and community service opportunities. In addition, please take advantage of the art shows, concerts, theatrical productions and capstone student presentations throughout the year. We have so much to offer and, now that we can count you among our students, even more to be proud of.

Thank you for choosing Cecil College, and best wishes for success!

Warmest regards,

Mary Way Bolt

President

Quick Facts about Cecil College

To learn more about Cecil College, please see The Cecil Story.

Accreditation

Cecil College is a two-year public community college offering transfer, career-credit and non-credit continuing education courses. Cecil College is accredited by the Middle States Commission on Higher Education, meets the standards established by the Maryland Higher Education Commission, and is authorized to grant the associate's degree. Cecil College is also accredited by the Maryland State Board of Nursing and the National League for Nursing Accrediting Commission (3343 Peachtree Road, NE, Suite 850, Atlanta, GA, 30326).

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Welcome to Cecil College's Online Catalog

Cecil College is here to help you find your pathway to higher education and or meaningful employment. This catalog will assist you through your academic journey and help guide your college experience.

Here's what you will find in this online publication:

Academic Program Offerings

Learn about our academic degrees and certificates. Each program page will provide you with a description of the degree or certificate, information about transfer opportunities, general education course requirements, specific program course requirements, and a recommended sequence of courses by semester to help guide you. New students are encouraged to connect with our Admissions Office to get started.

Career and Community Education offers courses, events, programs and certifications to a variety of audiences. Check out the array of offerings in academic preparation, adult and senior programing, business and career training, personal and commercial driver training, online classes and youth programs.

Course Offerings

Course selection is easy. View the entire selection of courses in the Course Description section of this site or, within each program of study you will find links to course descriptions with detailed scheduling information. You can even see information about required textbooks at this location.

Transfer and Career Services Guidance

Cecil's goal is to assist you with a smooth transition to a four-year institution or into a career. Our Advising staff will provide information on the more than 800 transfer agreements, and the Career and Job Placement Services staff will help guide you toward just the right occupational field.

How to Get Started at Cecil

Most importantly, your success begins when you connect with our Admissions Office. Representatives are available to assist you in getting started on the right path.

General Information and Services for Students

Use the Table of Contents to locate the college calendar, tuition and fees information, financial aid guidelines, policies and procedures, and information about student life activities and athletics as well as a host of campus support services.

The Cecil College catalog will be published online on an annual basis. New programs and courses will be updated throughout the year and may be found in the Addendum portion of this document. Students should always consult with an academic advisor to ensure that decisions are being made using the most current information.

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The Cecil Story

Mission

Cecil College is an inclusive, open-access community college committed to academic excellence and service to the greater community. The College provides a supportive learning environment to a diverse body of students as they build the skills and knowledge to achieve academic success, prepare to transfer, and enter the workforce. Further, Cecil College fosters intellectual, professional, and personal development through lifelong learning opportunities, the arts, and community engagement..

Vision

Cecil College, a dynamic and dedicated center of learning that transforms lives and strengthens our community.

Values

Cecil College takes *pride* in honoring our institutional values.

Collaboration: We foster a cooperative environment that is collegial, seeks consensus, and builds on the strength of each individual within the College and the community.

Compassion: We show care and concern for our students, our community, and each other.

Diversity: We embrace diversity, honor shared governance, and foster inclusiveness.

Excellence: We seek excellence in all facets of our academic enterprise and operations as we serve the College and community.

Innovation: We boldly pursue the most innovative learning environment for our students and community.

Integrity: We demonstrate honesty and respect at all times and act ethically in all matters.

Stewardship: We honor public trust by being principled stewards of the human, fiscal, and physical resources of the institution.

Overview of College History

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- Art, Ceramics
- Art, Drawing/Painting
- Art, Graphic Design
- Art and Design*
- Biology
- Business, Accounting
- Business, Administration
- Business, Leadership and Management
- Business, Management
- Business, Marketing
- Chemistry
- Communications
- Computer Information Systems - Computer Aided Drafting and Design
- Computer Information Systems - Programming
- Computer Science
- Criminal Justice*
- Criminal Justice, Corrections
- Criminal Justice, Law Enforcement
- Cyber Security
- Education, Early Childhood (AAT)
- Education, Elementary (AAT)
- Education, Elementary (AA)
- Education, Outdoor Adventure
- Education, Secondary
- Education, Secondary, Art
- Education, Secondary, Chemistry
- Education, Secondary, English
- Education, Secondary, Mathematics
- Education, Secondary, Music
- Education, Secondary, Physics
- Engineering, Aerospace
- Engineering, Chemical
- Engineering, Civil
- Engineering, Computer
- Engineering, Electrical
- Engineering, Mechanical
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- Exercise Sciences
- Fire Science Technology
- General Studies
- Geology
- Government Contracting
- Graphic Design and Multimedia
- Healthcare Sciences
- Horticultural Science
- Logistics, Supply Chain Management
- Logistics, Transportation Management
- Mathematics
- Meteorology
- Music
- Music/Voice
- Nursing
- Ocean Studies
- Paralegal
- Paramedic, Emergency Medical Technology
- Photography, Professional
- Physical Therapist Assistant
- Physics
- Pre-Med/Dental
- Psychology
- Simulation Design and Gaming
- Social Work
- Theatre Performance and Acting
- Video Production
- Web Design and Multimedia
- Web Development

Certificates
- Art, Ceramics
- Art, Drawing/Painting
- Art, Graphic Design
- Business, Accounting
- Business, Management
- Computer Information Systems - Oracle Certified Associate
- Computer Information Systems - Oracle Certified Professional
- Computer Information Systems - Programming
- Cyber Security
- Digital Imaging
- Equine Studies
- Equine Studies, Management
- Government Contracting
- Government Logistics
- Horticultural Science
- Logistics, Commercial Transportation
- Logistics, Transportation Management
- Marketing
- Nursing, Practical
- Personal Trainer/Fitness Manager
- Photography, Basic
- Photography, Portfolio Production
- Photography, Professional
- Photography, Studio
- Photography, Lab
- Simulation Design and Gaming
- Video Production
- Video Technology
- Web Design and Multimedia
- Web Development

Course Descriptions

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College Calendar

SUMMER 2015	
June 1	Classes begin for first 1-week session
June 8	Classes begin for second 1-week session
June 15	Classes begin for 7-week session
July 1	Last Day for August 2015 Graduation Applications
July 3-4	Holiday - College Closed
July 6	Classes begin for second 5-week session

FALL 2015	
July 27	Classes begin for Accelerated Degree and first 9-week sessions
August 10	Classes begin for first 1-week and first 2-week sessions
August 17	Classes begin for second 1-week session
August 22	Classes begin for first 6-week, first 7-week and 15 week sessions
September 4	Holiday - College Closes at 5 p.m., No Evening Classes
September 5	Holiday - College Closed - No Classes for Fall Semester or any Session
September 7	Holiday - College Closed - No Classes for Fall Semester or any Session
September 8	Classes Resume - College Opens at 8 a.m.
October 7	Classes begin for Accelerated Degree and second 9-week sessions
October 14	Classes begin for second 6-week and 7-week sessions
November 2	Last Day for December 2015 Graduation Applications
November 24	College Offices Close at 10 p.m.
November 25-29	Holiday - College Closed
November 30	Classes Resume - College Opens at 8 a.m.
December 5	Fall Semester - Last Day of Classes before Exams for 15-week session
December 7-12	Fall Semester - Exams for 15-week session
December 24	Winter Break - College Closes at 2 p.m.
December 25-31	Winter Break - College Offices Closed

SPRING 2016	
January 1-3	Winter Break - College Offices Closed
January 4	College Offices Open at 8 a.m.
January 4	Classes begin for Accelerated Degree and first 9-week sessions
January 11	Classes begin for second 1-week session
January 18	Holiday - College Closed
January 19	Spring Semester - First Day of Classes for 6-week, 7-week and 15-week sessions
February 15	Last Day for May 2016 Graduation Applications
March 8	Classes begin for Accelerated Degree and second 9-week sessions
March 14-19	Spring Break - No Classes (except Accelerated Degree sessions) College Offices Open – except Friday, March 18 - College offices closed
March 21	Classes resume for Spring Semester Classes begin for second 6-week and 7-week sessions
May 2	Spring Semester - Last Day of Classes before Exams for 15-week session
May 3-7	Spring Semester Exams for 15 week session
May 9	Spring Semester Exams for 15 week session
May 15	College Graduation
May 16	Classes begins for Accelerated Degree session
May 27	College Closes at 5 p.m.
May 28-29	Holiday - College Closed
May 30	College Opens at 8 a.m.

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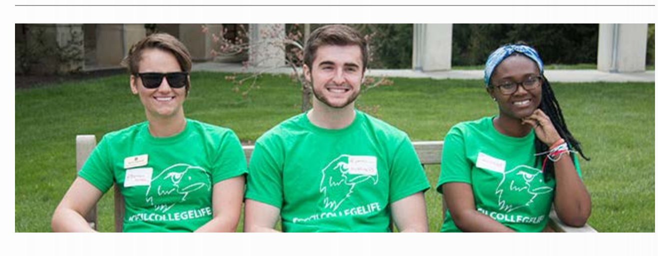
Admissions and Enrollment



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Philosophy

Cecil College is an inclusive, open access institution committed to academic excellence. A supportive learning environment is offered to the diverse student body as they build the skills and knowledge to achieve academic success.

Student success at Cecil College begins with Admissions. The department assists prospective students with the formal procedures required to become a Cecil student. Information and actions regarding admissions steps, student support services, and academic resources are provided. A primary role of Admissions is to educate students at the beginning of their educational pathway, so they arrive in the classroom ready to focus on academics.

If you have a disability that may have an impact on your accessibility and/or academics at Cecil College, and require accommodations, please contact the ADA and Special Services Officer, Rebecca Larson, LCSW-C, in the Technology Building, Room 301 or contact via email rlarson@cecil.edu, so accommodations may be arranged.

Admissions information and resources are available at MyCecil and the College website. Contact admissions@cecil.edu with admissions questions.

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Credit Students: Open Admissions Information

Applicants who meet one of the following criteria are admitted to Cecil College:

- have graduated from an accredited high school;
- have earned a diploma in General Educational Development (GED);
- have completed the seventh grade and have attained Scholastic Aptitude Test (SAT) scores as defined in this catalog or an equivalent score on a nationally-accepted college entrance examination;
- have met the criteria to participate in early admissions programs; (See Selective Admissions: Credit Programs.)
- have not completed an accredited high school program nor received an acceptable diploma or certificate. Note: Non-graduates of high school are admitted and enrolled according to open admission policies and procedures. Non-high school graduates must meet with an advisor prior to registration.

Cecil College strongly encourages non-high school graduates to complete their high school graduation requirements or obtain a GED. GED preparation courses are offered through Career and Community Education (443-907-1391).

Open admission to Cecil College does not grant enrollment in all courses and programs of the College. At the present time, some programs have selective admissions requirements. In addition, pre-requisites must be successfully completed. For additional information, refer to Selective Admissions.

Non-Credit Students: Admissions Information

Non-credit (continuing education) courses are open to individuals age 16 or older, unless otherwise stated in a course or program description. An admissions application is not required for non-credit enrollment. Students complete a registration form at the time of enrollment. Additional documentation and steps may be required for enrollment in a non-credit course or program. Contact the program area.

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Credit Students: Open Admissions Procedures

1. Complete the admissions application and visit the Admissions Office. Apply on-line at www.my.cecil.edu. Hard copy applications are available at the North East and Elkton locations and in the Schedule of Classes. Applications are accepted year-round.
2. Apply for financial aid. Complete the FAFSA (Free Application for Federal Student Aid). Apply for Cecil Foundation Scholarships.
3. Take skills assessments. Complete math, reading, and writing assessments on the North East Campus, Engineering and Math Building, Room 310. Waivers may apply; for additional information, refer to Skills Assessments, Placement and Waivers.
4. Submit test scores, transcripts, and other documentation to Cecil College, Records and Registration, One Seahawk Dr., North East, MD 21901.
5. Meet with an advisor. Make an appointment (410-287-1000) for degree planning, academic support, and transfer information.
6. Register for classes. Register for classes at North East, Elkton Station, or online at MyCecil.
7. Make payment arrangements. Log onto MyCecil and click on the Finance tab for payment information, or contact the Cashier's Office at 410-287-1020.

Non-Credit Students: Open Admissions Procedures

1. Complete and submit a registration form, available from the Records and Registration Office or in the Schedule of Classes.
2. Submit additional documentation, as needed.

Credit Students: Selective Admissions

Early College Academy (ECA)
Early College Academy enrolls high school students in college courses across grades 9-12. Successful students will complete secondary schooling with a high school diploma and an Associate's degree from Cecil College. Each Student entering the ECA must meet the selective admissions criteria established for individual programs.

Accelerated Studies for the Adult Professional (ASAP)
Students who enroll in ASAP must be college-ready at the time of admission into the Leadership and Management or Social Work option. For accelerated studies, college-ready is defined as placing into English 101 (EGL101) and Intermediate Algebra (MAT093) on the skills assessments. Additional information on ASAP programs can be obtained from the Admissions Office or designated academic advisors.

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Skills Assessments, Placement, and Waivers

As part of the admissions process, all students entering Cecil College are evaluated for placement purposes. The evaluation may require or waive the academic skills assessments. The purpose of the skills assessments is to place students at a level where they will succeed. The assessments measure academic skills in mathematics, reading, and writing. Students may need to take all of the assessments or specific components of the assessments. The results are used for academic planning with an advisor.

Skills assessments do not determine eligibility for admission to Cecil College. No student is denied admission to the College as a result of performance on the skills assessments; however, students whose scores indicate a need for skill development are required to successfully complete developmental courses before enrolling in college-level courses. Students have better success at Cecil College if their basic skills are strong enough to meet the rigors of college-level coursework.

Any student (full- or part-time) who has not earned a high school diploma or GED (General Educational Development) diploma must take all the skills assessments.

Skills assessments are administered in the Testing Center, North East Campus, Engineering and Math Building, Room 310. Hours for the Testing Center are available at www.cecil.edu.

Student performance is closely monitored in the first sessions of developmental classes, and faculty may initiate a change in student placement. Students are encouraged to complete developmental courses early in their educational pathway to facilitate the timely completion of a degree or certificate.

Some courses are exempt from skills assessment requirements. Students may enroll in these courses without taking the skills assessments. Students in these classes are expected to read and write at the college level.

Skills Assessment Waivers
In certain circumstances, students may qualify for a skills assessment exemption. Official documentation must be provided for skills assessment waivers to be applied. Exemptions may be granted when:

- a student has earned an associate's, bachelor's, master's, or doctoral degree from an accredited institution.
- a student provides documentation of qualifying scores on the SAT and/or ACT assessments (See required scores chart).
- a student has successfully completed parallel coursework at another accredited institution of higher education.

SAT/ACT Required Scores for Skills Assessment Waivers

SAT	Assessment(s) Waived	Score Required
Critical Reading	Reading	550 or better*
Math	Math	550 or better*
Writing	Reading, Writing	550 or better*
ACT	Assessment(s) Waived	Score Required
English	Reading, Writing	21 or better
Math	Math	21 or better

*See Addendum

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Secondary School-Age Opportunities

- On-Site Program – Jointly sponsored by Cecil County Public Schools (CCPS) and Cecil College, the On-Site program allows academically prepared students age 16 and over to take college-level courses at their home high school during the regular school day. Cecil College offers a College-Bound Scholarship for these courses to qualified students. Other regional organizations, as approved by the College President, may participate in this program. All students must meet Cecil College admissions standards.
- Gifted and Talented Program – Students under age 16, who have completed 7th grade or the equivalent and are designated as gifted and talented, can enroll in Cecil credit courses through the Gifted and Talented program. Gifted and talented is defined as testing at college level in discipline(s) specific to the course(s) being taken. Cecil College courses taken are not available on-site at the high schools. Students and their parent/guardian are required to meet with the Director of Admissions to complete all approval forms and processes. All students must meet Cecil College admissions standards. Cecil College offers a College-Bound Scholarship to qualified students.
- Concurrent Enrollment – qualified students (age 16 or older) may enroll in Cecil College courses concurrent with their high school studies. Cecil College offers a College-Bound Scholarship to qualified students. All students must meet Cecil College admissions standards.
- Dual Enrollment Program – Any student of Cecil County Public Schools enrolled at Cecil College is considered dually enrolled. Students of other school districts or home schools may be eligible for dual enrollment. Contact the Admissions Office for further information (410-287-1006).
- Senior Waiver Program – Cecil County Public Schools (CCPS) students may waive all or part of their senior year, enroll in courses at Cecil College, and still graduate with their high school class. CCPS has authorizations and processes that must be followed with high school guidance counselors. Cecil College offers a College-Bound Scholarship for the Senior Waiver Program. All students must meet Cecil College admissions standards.
- STEM (Science, Technology, Engineering, & Math) Program – Students enrolled in the STEM Program of Cecil County Public Schools (CCPS) may enroll in designated courses at Cecil College during their junior and/or senior years of high school. Through this partnership, eligible students receive a waiver for two-thirds of the in-county tuition rate in effect for the semester. All students must meet Cecil College admissions standards.

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Health Professions Programs

Admission to the health professions programs (Associate of Science in Nursing (RN), Practical Nurse Certificate (LPN), Associate of Applied Science in Physical Therapy Assistant (PTA) and Paramedic require an admission procedure separate and in addition to the general admission to Cecil College. The health professions programs have limited enrollment and require specific admissions criteria which are explained in detail in this section.

Paramedic Certificate and Degree Program
The National Registry Paramedic Program at Cecil College is offered in conjunction with the Cecil County Department of Emergency Services. Students who are interested in the paramedic program should contact the College and speak to the department of Nursing and Health Professions, an academic advisor, or contact Cecil County DES at 410-392-2024. Upon completing and submitting a Cecil College admissions application, all students must take the College skills assessments in math, reading and writing. Prior to entry into this program, the student is required to submit/complete the following:

- successful completion of National Registry Paramedic entry exam. The entry exam will be held during the first two weeks of February. The student must pre-register for the entry exam with Asst. Chief Richard Koch (CCDES, 410-392-2024) prior to January 15 to be eligible to take the exam. The student will be required to pay a testing fee of $20 payable to Cecil College prior to January 15. The exam will be available during normal business hours in the Cecil College testing center,
- completion of Cecil College assessments in mathematics, writing and reading,
- verification of current Maryland EMT – Basic certification or equivalent,
- verification of affiliation with a volunteer or career Maryland Advanced Life Support Company.

In accordance with the policies of many health care agencies and clinical facilities, Cecil College's paramedic program requires all paramedic students to submit to criminal background checks and drug screens. This background check and drug screen process will be completed prior to the start of the paramedic program in the fall semester and may be repeated during paramedic program progress as deemed necessary. All students must be successfully cleared via a background check and drug screen to be admitted to the clinical facilities. If a student is not successfully cleared, he or she may not enter a clinical setting and therefore will be unable to meet the paramedic program requirements.

In addition, students who wish to continue their education and work towards an Associate of Applied Science degree and who have current, unencumbered paramedic certification may be able to receive credits for the paramedic courses through credential assessment.

Practical Nursing Certificate Program
The Licensed Practical Nursing Program at Cecil College has limited enrollment and requires specific minimum criteria to be considered for admission:

1. A cumulative minimum GPA of 2.5 of Cecil or transfer coursework applicable to the nursing program.
2. Satisfactory completion of required developmental courses as determined by skills assessments in reading, writing, and mathematics. Skills assessment in mathematics must reflect placement beyond MAT093 (Intermediate Algebra), or the student must complete MAT093 with a grade of "C" or better.
3. Satisfactory completion of EGL101 (Freshman Composition) with a grade of "C" or better.
4. Satisfactory completion of BIO208/218 (Anatomy and Physiology I and Lab) with a grade of "C" or better from an accredited college/university within four years of entrance into the LPN Program. It is recommended that students take BIO101/111 if they have not completed a college-level science course within the past three years.
5. A minimum TEAS score of 58.

Note: Entrance into the program is competitive. If the application is incomplete and/or eligibility criteria are not met, the application cannot be processed. BIO209/219 (Anatomy and Physiology II and Lab) is also an LPN program requirement and must be completed with a "C" or better prior to the final LPN summer semester.

In accordance with the polices of many clinical facilities and the recommendations of National Council of State Boards of Nursing and the Maryland Board of Nursing, Cecil College's nursing program requires all nursing students to submit to criminal background checks and drug screenings. This background check and drug screening will be completed prior to admission to the program and may be repeated during nursing program progression as deemed necessary. All students must be successfully cleared via a background check and drug screening to be admitted to the clinical facilities. If a student is not successfully cleared, he or she may not enter a clinical setting and therefore will be unable to meet the nursing program requirements.

Program applicants are advised that the Maryland Board of Nursing, as well as any other state board of nursing, may deny licensure to any individual it deems to be unsuitable for the practice of nursing. Examples include, but are not limited to, falsifying application information, habitual intoxication and/or narcotic addiction, convictions or nolo contendere pleas for felonies or crimes of moral turpitude, whether or not appeals or other proceedings are pending (Maryland's Nurse Practice Act: January 2014).

LPN Program Selection Policies and Procedures

1. All applicants for the LPN Program must first complete the general admissions application to Cecil College and visit the Admissions Office prior to meeting with the pre-nursing advisor in the Division of Student Services and Institutional Effectiveness, or before transferring courses from other institutions, or before formally applying for acceptance into the LPN program. Students may call the Information Center at 410-287-1000 to make an appointment with the pre-nursing advisor.
2. Review of college transcripts may reveal that a prospective student has already fulfilled requirements for admission into the LPN Program. If not, the prospective student must take the relevant skills assessment in mathematics, reading, and/or writing. The appropriate developmental and general education courses must be successfully completed before the student will be eligible for entry into the LPN Program. Official transcripts from other institutions should be sent directly to the Registrar in order for coursework to be evaluated, allowing four to six weeks for processing. High school transcripts/diplomas or proof of high school equivalency may also be requested.
3. Deadline for applying for entrance into the LPN Program for the upcoming fall semester is in early April. Beginning the second week in January, the student may go to the Nursing and Health Professions page and download a copy of the Nursing Program Admissions packet. Included in this packet is information detailing the Nursing Program application process as well as the application deadlines. The student may also contact the Cecil College Admissions Office or the Nursing and Health Professions Office at 410-287-1008 with any questions.
4. All prospective applicants are strongly encouraged to attend a Nursing Program applicant information session. Information sessions will be held in late fall and early winter with specific dates and times to be advertised.
5. Prospective LPN students should submit completed application packets to the Nursing Program department office. All application materials must be submitted to the Nursing Program department office. No partial applications will be accepted or reviewed for admission.
6. The main criteria for acceptance into the LPN Program are student readiness, cumulative grade point average(s), Test of Essential Academic Skills (TEAS) scores, and successful completion of appropriate coursework. Cecil College feels a strong responsibility to serve its county residents. Therefore, Cecil County residents are given additional consideration with regard to acceptance.
7. Applications are reviewed in April/May by the department of Nursing and Health Professions, and applicants are notified in early June of their acceptance status.
8. The LPN Program is a one-year certificate program that commences in the fall semester, continues through the spring semester, and concludes in the latter part of July during the summer session.

LPN to ADN (Associate Degree Nursing) Transition
The LPN to RN sequence is an option for advanced placement in the associate degree Nursing Program for licensed practical nurses who meet specified criteria. Admission to the LPN to ADN program is competitive and based on space available. Interested students are encouraged to call the College Information Center at 410-287-1000 to make an appointment with the pre-nursing advisor.

1. Meet all admission requirements for the associate degree Nursing Program.
2. Complete pre-requisite requirements prior to the semester requesting admission, earning a grade of "C" or better. Note: successful completion of BIO209/219 and BIO200/210 is required before entering NUR201/211.
3. Successfully complete LPN Transition coursework. The Licensed Practical Nurse must be officially registered and enrolled at Cecil College and have successfully completed the transition course(s) before college credits associated with the transfer will be awarded. The total number of credits awarded by the first year transfer articulation may not exceed the total number of credits earned by the first year associate degree nursing students.
4. Provide verification of unencumbered and current Maryland Practical Nurse licensure (a fee may be assessed by the institution).
5. A minimum TEAS score of 58.

LPN to ADN Program Selection Policies and Procedures
These selection policies and procedures mimic the Associate of Science in Nursing admission policies and procedures (please see below).

Associate of Science in Nursing
The Registered Nurse (RN) Program at Cecil College has limited enrollment and requires specific minimum criteria to be considered for admission:

1. A cumulative minimum GPA of 2.5 of Cecil or transfer coursework applicable to the nursing program.
2. Satisfactory completion of required developmental courses as determined by skills assessments in reading, writing and mathematics. Skills assessment in mathematics must reflect placement beyond MAT093 (Intermediate Algebra), or the student must complete MAT093 with a grade of "C" or better.
3. Satisfactory completion of BIO208/218 (Anatomy and Physiology I and Lab) with a grade of "C" or better from an accredited college/university within four years of entrance into the RN Program.
4. Satisfactory completion of BIO208/218 (Anatomy and Physiology I and Lab) with a grade of "C" or better from an accredited college/university within four years of entrance into the RN program. It is recommended that students take BIO101/111 if they have not completed a college-level science course within the past three years.
5. A minimum TEAS score of 58.

Note: Entrance into the program is competitive. If the application is incomplete and/or eligibility criteria are not met, the application cannot be processed. BIO209/219 (Anatomy and Physiology II and Lab) and BIO200/210 (Microbiology and Lab) are RN Program requirements that must be completed with a "C" or better prior to the third semester of the RN Program.

In accordance with the polices of many clinical facilities and the recommendations of National Council of State Boards of Nursing and the Maryland Board of Nursing, Cecil College's nursing program requires all nursing students to submit to criminal background checks and drug screenings. This background check and drug screening will be completed prior to admission to the program and may be repeated during nursing program progression as deemed necessary. All students must be successfully cleared via a background check and drug screening to be admitted to the clinical facilities. If a student is not successfully cleared, he or she may not enter a clinical setting and therefore will be unable to meet the nursing program requirements.

Program applicants are advised that the Maryland Board of Nursing, as well as any other state board of nursing, may deny licensure to any individual it deems to be unsuitable for the practice of nursing. Examples include, but are not limited to, falsifying application information, habitual intoxication and/or narcotic addiction, convictions or nolo contendere pleas for felonies or crimes of moral turpitude, whether or not appeals or other proceedings are pending (Maryland's Nurse Practice Act: January 2014).

RN Program Selection Policies and Procedures

1. All applicants for the RN Program must first complete the general admissions application to Cecil College and visit the Admissions Office prior to meeting with the pre-nursing advisor in the Division of Student Services and Institutional Effectiveness, or before transferring courses from other institutions, or before formally applying for acceptance into the RN program. Students may call the Information Center at 410-287-1000 to make an appointment with the pre-nursing advisor.
2. Review of college transcripts may reveal that a prospective student has already fulfilled requirements for admission into the RN Program. If not, the prospective student must take the relevant skills assessment in mathematics, reading, and/or writing. The appropriate developmental and general education courses must be successfully completed before the student will be eligible for entry into the RN Program. Official transcripts from other institutions should be sent directly to the Registrar in order for coursework to be evaluated, allowing four to six weeks for processing. High school transcripts/diplomas or proof of high school equivalency may also be requested.
3. Deadline for applying for entrance into the RN Program for the upcoming fall semester is early April. Beginning the second week in January, the student may go to the Nursing and Health Professions page and download a copy of the Nursing Program Admissions packet. Included in this packet is information detailing the Nursing Program application process and application deadlines. The student may also contact the Cecil College Admissions Office or the Nursing and Health Professions Office at 410-287-1008 with any questions.
4. All prospective applicants are strongly encouraged to attend a Nursing Program applicant information session. Information sessions will be held in late fall and early winter with specific dates and times to be advertised.
5. Prospective RN students should submit completed application packets to the Nursing Program department office. All application materials must be submitted to the Nursing Program department office. No partial applications will be accepted or reviewed for admission.
6. The main criteria for acceptance into the RN Program are student readiness, cumulative grade point average(s), Test of Essential Academic Skills (TEAS) scores, and successful completion of appropriate coursework. Cecil College feels a strong responsibility to serve its county residents. Therefore, Cecil County residents are given additional consideration with regard to acceptance.
7. Applications are reviewed in April/May by the department of Nursing and Health Professions, and applicants are notified in early June of their acceptance status.
8. The RN Program is a two-year associate degree program that commences in the fall semester of the first year and concludes in May of the second year.

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Associate of Applied Science, Physical Therapist Assistant
The Physical Therapist Assistant (PTA) Program at Cecil College has limited enrollment and requires specific criteria to be considered for admission:

1. A cumulative minimum GPA of 2.5 of Cecil or transfer coursework applicable to the nursing program.
2. Satisfactory completion of required developmental courses as determined by skills assessments in reading, writing, and mathematics. Skills assessment in mathematics must reflect placement beyond MAT093 (Intermediate Algebra), or the student must complete MAT093 with a grade of "C" or better.
3. Satisfactory completion of EGL101 (Freshman Composition) with a grade of "C" or better.
4. Satisfactory completion of BIO208/218 (Anatomy and Physiology I and Lab) with a grade of "C" or better from an accredited college/university within four years of entrance into the PTA Program. At Cecil, BIO101/111 (General Biology and Lab) are co-requisite to BIO208/218.
5. A minimum TEAS score of 58.

Note: Entrance into the program is competitive. If the application is incomplete and/or eligibility criteria are not met, the application cannot be processed. BIO209/219 (Anatomy and Physiology II and Lab) is a PTA Program requirement that must be completed with a "C" or better prior to the third semester of the PTA Program.

In accordance with the polices of many clinical facilities and the recommendations of the Federation of State Boards of Physical Therapy Examiners and the Maryland State Board of Physical Therapy Examiners, Cecil College's PTA program requires all PTA students to submit to criminal background checks and drug screenings. This background check and screening will be completed prior to the first semester following admission to the PTA program and may be repeated during the program progression, as deemed necessary. All students must be successfully cleared via a background check and drug screening to be admitted to the clinical facilities. If a student is not successfully cleared, he or she may not enter a clinical setting and therefore will be unable to meet the PTA program requirements.

PTA Program Selection Policies and Procedures

1. All applicants for the PTA Program must first complete the general admissions application to Cecil College and visit the Admissions Office prior to meeting with a health professions advisor in the Division of Student Services and Institutional Effectiveness, or before transferring courses from other institutions, or before formally applying for acceptance into the PTA program. Students may call the Academic Advising Office at 443-674-1872 to make an appointment with a health professions advisor.
2. Review of college transcripts may reveal that a prospective student has already fulfilled requirements for admission into the PTA Program. If not, the prospective student must take the relevant skills assessment in mathematics, reading, and/or writing. The appropriate developmental and general education courses must be successfully completed before the student will be eligible for entry into the PTA Program. Official transcripts from other institutions should be sent directly to the Registrar in order for coursework to be evaluated, allowing four to six weeks for processing. High school transcripts/diplomas or proof of high school equivalency may also be requested.
3. Deadline for applying for entrance into the PTA Program for the upcoming spring semester is October 8, 2015. Beginning August 11, 2015, the student may go to the Nursing and Health Professions page on my.cecil.edu and download a copy of the Physical Therapist Assistant Program Admissions packet. Included in this packet is information detailing the Physical Therapist Assistant Program application process and application deadlines. The student may also contact the Cecil College Admissions Office or the Physical Therapist Assistant Program Office at 443-674-1557.
4. All prospective applicants are strongly encouraged to attend a PTA Program applicant information session. Information sessions will be held in late spring and summer with specific dates and times to be advertised. Students should take BIO101/111 prior to BIO208/218 if they have not completed a college-level science course within the past three years.
5. Prospective PTA students should submit completed application packets to the Physical Therapist Assistant Program office. No partial applications will be accepted or reviewed for admission.
6. The main criteria for acceptance into the PTA Program are student readiness, cumulative grade point average(s), Test of Essential Academic Skills (TEAS) scores, and successful completion of appropriate coursework. When the number of qualified applicants exceeds the number that the College can accommodate, additional consideration is given to Cecil County residents and applicants with thirty or more documented volunteer service hours in a physical therapy setting.
7. Applications are reviewed in October/November by the PTA department, and applicants are notified in early November of their acceptance status.
8. The PTA Program is a two-year, five semester Associate of Applied Science degree program that commences in the spring semester.

Admission of International Students/Non-U.S. Citizens

Cecil College is committed to the collective and individual educational needs of its community, including individuals who have been granted permanent resident or similar status by the United States Citizenship and Immigration Services (USCIS). These students include permanent immigrants to the United States and citizens of other countries who are temporarily visiting, working, or studying in Cecil County.

The College recognizes the value of enrolling non-resident international students who could also benefit from the educational offerings of the institution. Non-U.S. citizens wishing to study in the U.S., as well as non-residents will be called international students, with differences in admissions procedures noted below. All international students must submit their Admissions Application and proof of visa status to the Director of Records and Registration.

In all cases, the College requires students whose native language is not English to be tested for English language ability.

For students whose ability in English is not yet sufficient to succeed in college credit courses, the College provides a preparatory program in English as a Second Language (ESL) through the non-credit division.

Permanent Resident Status
A student with an Alien Registration Receipt Card who has been given permanent residence in the United States as an immigrant, refugee, or alien may enroll at the College for full- or part-time study. Tuition costs are determined by location of residence. Verification of permanent residence status is required at the time of application to the College. Any student without appropriate identification as a permanent resident is required to pay out-of-state tuition rates.

To apply to the College with permanent residence status, a student must submit:

- an application for admission signed by the student;
- SAT or ACT scores if available (the College's skills assessments may be required for enrollment in certain courses);
- Transcripts from secondary and postsecondary schools attended (translated into English); and
- Proof of permanent resident status: temporary evidence or actual Alien Registration Receipt Card (I-551 or I-151).

Dream Act Status
The Maryland Dream Act (Maryland Senate Bill 167) allows certain high school graduates who are undocumented immigrants to enroll and qualify for the lowest tuition rate. Verification of status is required at the time of application to the College.

To apply to the College with Dream Act status, a student must have:

- attended a Maryland high school for at least three years, starting no earlier than the 2005-2006 school year;
- graduated from a Maryland high school or received a GED, no earlier than the 2007-2008 school year;
- registered at a Maryland community college within four years of high school graduation or receiving a GED;
- filed Maryland income tax returns (the student or parent / legal guardian);
- applied to become a permanent resident within 30 days of eligibility to do so; and
- registered with the Selective Service (males 18 and older).

Admission of International Students with a Student Visa (F-1)
Non-immigrant international students who apply to Cecil College must meet special admission requirements.

Students who apply to come to the United States for the purpose of studying at Cecil College may be issued an I-20 Certificate of Eligibility form by the College after the following documents have been reviewed and approved:

- an application for admission signed by the student;
- evidence of proficiency in English based on one of the following: (1) an official TOEFL score; (2) documentation of satisfactory completion of an intensive curriculum of English instruction, such as the College's ESL program;
- English translations of official secondary school, college, or university transcripts; and
- Certification of Finances form, official bank statements (translated to English currency) and statement of support of the international student and the sponsor. The documentation should also indicate how the student will be supported for the remaining years in the program.

After arriving at Cecil College, students must take the College's writing, reading and mathematics assessments and meet with the Director of Records and Registration before registering for courses. Final placement into courses is determined by performance on the skills assessments.

Application for a Student Visa
The College issues an I-20 Certificate of Eligibility form to students who qualify for admission. Students present this form with other documentation to a U.S. Consular Office in the country where they are applying for a student (F-1) visa. The USCIS makes the final decision on admission into the United States and permitted length of stay.

F-1 Transfer Students
Students with an F-1 visa seeking to transfer to Cecil College from another U.S. institution must submit the following documents and meet the following criteria:

- release from the previous institution's SEVIS;
- an application of admission to Cecil College signed by the student;
- official transcripts from secondary and postsecondary schools attended (translated into English);
- evidence of proficiency in English based on one of the following: (1) an official TOEFL score report; or (2) documentation of satisfactory completion of an intensive curriculum of English instruction such as the College's ESL program; or (3) eligibility determined by the College's English assessment test; and
- Certification of Finances form, official bank statements (translated to English currency) and statement of support of the international student and the sponsor. The documentation should also indicate how the student will be supported for the remaining years in the program.

International Student Application Deadlines
To meet federal requirements and allow adequate processing of applications for international students with F-1 visas, students must submit appropriate documents by the following dates:

New Students	
Fall enrollment	July 1
Spring enrollment	November 15
Summer enrollment	April 1
Transfer Students	
Fall enrollment	July 15
Spring enrollment	December 1
Summer enrollment	May 1

Students with Other Types of Visas
Prospective students with a temporary visa status such as J or B (visitors, business, exchange, etc.) should contact the Director of Records and Registration to have their applications approved before registering for classes. Nonimmigrant students other than F-1 students may take Cecil classes as long as the semester or term begins and ends within the duration of stay indicated on the I-94 in their passport. They will pay out-of-state tuition rates. Refunds will not be issued after the term's scheduled drop/refund dates.

Additional Information Non-immigrant students are subject to out-of-state tuition rates. Students with an F-1 visa must enroll for a full-time course of study, which is a minimum of 12 credits each term or semester. Questions regarding the most current requirements for admission of international students should be directed to the Director of Records and Registration at 410-287-1000.

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Transferring to Cecil College

For students to be admitted with transfer credit at Cecil College, the sending institution must be accredited by a nationally recognized accrediting agency of the United States Department of Education. The College will award credits for prior learning through methods reviewed and approved by the American Council on Education. Applicants desiring to transfer from another college to Cecil College must follow the standard admission procedures and submit official transcripts of all previous college records.

Veterans may receive transfer credits for military training experiences. Veterans should submit a copy of the American Council on Educators (ACE) evaluation and recommendations for military occupational specialties.

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Registration

Registration refers to the process of enrolling in courses. Students may take advantage of mail-in, fax-in, on-site, or online registration at www.my.cecil.edu as outlined in the Credit Course Schedule.

All new students are required to register with an academic advisor for their first semester of enrollment. Students are encouraged to arrange for advising/registration appointments; however, a walk-in advisor is always available to see students. A student who has a disability that may impact accessibility and/or academics at Cecil College, and require accommodations, may contact the ADA and Special Services Officer, Rebecca Larson, LCSW-C, in Room 301 of the Technology Building, or by email at rlarson@cecil.edu.

Early registration is recommended to decrease the chances of exclusion from filled classes and to afford students the maximum benefit from academic advising. Payment is required at the time of registration.

The Advising/Registration Center is located within the Division of Student Services and Institutional Effectiveness and is an accessible outlet for College information and support services.

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Add, Drop, Withdraw and Audit

Add a Course
Students may add a course(s) during the first week of the 15-week fall and spring semesters. Students may add a course that is offered in an alternative learning format up to the first day of the class unless they have written permission of the instructor. Students may go to MyCecil to add the course or submit an Add Form to the Registration Office.

Drop a Course
Students may drop a course, which means that all entries for the course are dropped completely from students' transcripts. Students may go to MyCecil prior to the published date in the Credit Course Schedule to drop the course, or submit a Drop Form to the Registration Office. Students will receive a refund of tuition and course fees for courses that are dropped by the deadline date. It is important for students to remember that all courses in which they are enrolled after the drop date will be entered permanently into their academic record.

Withdrawal from a Course
After the final drop date, and through the withdrawal date published in the Credit Course Schedule, students may withdraw from a course. An entry of "W," signifying withdrawal, is entered into their record. Withdrawals are not calculated into student grade point averages. To withdraw, students must file a Withdrawal Form at the Registration Office. Refunds are not granted for withdrawals.

Audit a Course
Students who wish to be under no obligation for regular attendance, preparation, recitation, or examination, and who do not wish to receive any credit, may register for a course as auditors. Students may change their enrollment status from credit to audit through the withdrawal dates published in the Credit Course Schedule. Students may change from audit status to letter grade status through the add period only.

Since no credits are attempted or earned and no quality points are awarded, audited courses will not be included in the calculation of the grade point average. Audited courses are not eligible for calculation toward students' full-time or part-time enrollment status or toward financial aid. A grade of "K" will be entered on the academic transcript. Students will not receive academic credit for a course taken as an auditor. Regular tuition and fees apply to audited courses.

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Tuition and Fees

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Tuition

Resident of Cecil County	$100/credit hour
Other Maryland Residents	$190/credit hour
Out-of-State Residents	$235/credit hour
Credit by Examination	See Notes

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Fees

Registration Fee*	$75/semester
Student Development Fee**	$8/credit hour
Course Fees	Variable
Applied Music Fee	Variable

*$35 off Early Bird registration
**Not charged for summer session or senior citizens

Notes:

- VISA, MasterCard, American Express and Discover cards will be accepted for payment.
- Payment is due at the time of registration.
- By registering for courses, students acknowledge responsibility of tuition and fee charges generated by the registration.
- Current tuition and fee information is published in the Credit Course Schedule and at www.my.cecil.edu. All tuition and fees are subject to change without prior notice.
- Students who audit courses are charged tuition at the same rate as students taking courses for credit.

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Fee Explanations

- Course Fee – offsets costs to provide various classroom materials and equipment needed to successfully offer classes, including instructional equipment, lab and classroom supplies, computer paper and software.
- Registration Fee – covers the cost of registration, add/drop and withdrawal from courses, student identification cards, admissions, transcripts, graduation, and the use of physical education facilities and equipment.
- Student Development Fee – covers expenses incurred for student development activities and cultural events discounts open to the student population.

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Authorized Payment Plan

The plan is payable in a maximum of four monthly installments, which vary depending on your application date, and is available for fall and spring semesters only. The total of your tuition and fees will be divided into four monthly payments that will be automatically deducted from your credit card or from your bank account (checking or savings). The processing fee for this plan is $25 and this fee will be deducted from the designated account upon enrollment. All arrangements for this plan are handled through www.my.cecil.edu and must be made the day you register or you will be responsible for paying the full balance of your account. This option is not available for Summer Session.

To enroll in the Payment Plan:

- Enroll online at www.my.cecil.edu
- See a cashier or call 410-287-1020 if you need help.
  Please note: It is important that you make your scheduled payment. A $36 fee will be added to your account each time you miss a payment. If you fail to make all of your payments as scheduled, the College has the right to demand immediate payment of the balance due in full. If you are delinquent on any of your payments, the College reserves the right to deny your enrollment for future semesters.

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Refund and Appeal Process

Credit Students: Students who officially drop a credit class before the designated drop deadlines are eligible for a full refund of tuition and course fees. A schedule of deadline dates for dropping classes and receiving a refund of tuition and course fees is published in the Credit Course Schedule. The drop period generally extends at least through the first scheduled class meeting.

To be eligible for a refund, students must drop online at www.my.cecil.edu within published drop dates, or file a Drop Form with the Registration Office. Visit www.my.cecil.edu to view dates and the drop procedure online. Students who stop attending classes, but do not officially complete the drop process continue to be financially responsible for all tuition and fees.

Students are provided a full refund of all tuition and associated fees when the College cancels a class.

- Sessions of Four Weeks or Longer
  100% refund through the date published in the Credit Course Schedule, which is calculated from the start date of the session.

  0% refund after the published date, except for students called to military duty or for students in special programs who are withdrawn by the College early in the semester due to program requirements.
- Sessions of Less Than Four Weeks
  0% refund from the start date of the session, with the exceptions noted above.

Non-Credit Students: Students who officially drop a course 24 hours prior to the first class meeting will be eligible to receive a full refund. To officially drop a course, students must complete a Drop Form and submit it to the Registration Office. If a Drop Form is not filed or if a student fails to attend, the student is responsible for all tuition and fees associated with the registration.

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Tuition Appeals (Credit Only)

After the refund date, appeals for refunds based on extraordinary or exceptional circumstances may be addressed in writing, with documentation, to the Registrar. Appeal for Refund forms are available in the Registration Office.

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Financial Obligations

Students are expected to pay all College bills, fees, accounts, and other financial obligations promptly, when due. Failure to meet these obligations will result in the withholding of the right to future enrollment, taking exams, and obtaining transcripts of grades and credits. A $36 fee will be charged for all checks returned for non-payment and declined credit card charges.

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Residency and Tuition Policy

Students at Cecil College pay tuition according to their domicile and are classified to be one of the following:

- a resident of Cecil County;
- a resident of the state of Maryland but outside of Cecil County;
- an out-of-state resident; or
- a student who is not a U.S. citizen, or permanent U.S. resident not holding an Alien Registration Receipt Card.

At the time of admission or initial enrollment in any course at the College (credit or non-credit), students will indicate their residency status and will affirm their residency at each subsequent registration. Students will be considered in-county residents if they maintain legal domicile in Cecil County and have done so for a period of three months or more prior to the start of semester/term at the College.

Students will be considered in-state residents if they have maintained legal domicile in other parts of the state for not less than three months. Otherwise, the student shall be considered an out-of-state resident.

Domicile – For tuition purposes, domicile may be defined as a person's permanent place of abode, where physical presence and possessions are maintained and where he/she intends to remain indefinitely, independent of attendance at the College. The domicile of a person who received more than one-half of his/her financial support from others in the most recently completed year is the domicile of the person contributing the greatest proportion of support, without regard to whether the parties are related by blood or marriage.

Unless information is received which would contradict or call into question the validity of the student's status, the College will accept the student's sworn statement. In the case of contradictory information, the College will assign residency status, and the student will be asked to provide proof of domicile. Registration will be restricted until the question of residency status is resolved.

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Determination of Residency

The College shall consider any or all of the following factors in determining residency and may request evidence for substantiation:

- ownership or rental of local living quarters;
- substantially uninterrupted physical presence, including the months when the student is not in attendance at the College;
- maintenance in Maryland and in the county of all, or substantially all, of the student's possessions;
- payment of state and local income taxes on all taxable income earned, including all taxable income earned outside the state;
- registration to vote in the state and county;
- registration of a motor vehicle in the state, with a local address specified, if the student owns or uses such a vehicle; and
- possession of a valid Maryland driver's license with a local address specified, if the student is licensed anywhere to drive a motor vehicle.

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Change of Residency Classification

Students may request a change in residency classification by filing a written request and submitting supporting documentation to the Registrar prior to the first day of classes for the semester/term. Students may appeal residency classifications made by the Registrar within 30 days by filing an appeal with the Vice President of Student Services and Institutional Effectiveness. The Vice President's decision is final.

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Military Personel

Military personnel and their dependents who were domiciliaries of Maryland at the time of entrance into the armed forces and who are stationed outside the state may retain Maryland domicile as long as they do not establish domicile elsewhere.

Military personnel and their dependents, who were not domiciliaries of Maryland at the time of entrance into the armed forces, but are stationed in Maryland, may be considered state residents for tuition purposes as long as they remain on active duty in the state. In addition, those who are stationed in or live in Cecil County are considered county residents for tuition purposes.

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Contract Training

Students enrolled in a course contracted between the College and a business or industry that maintains facilities operates, or does business in the state may be considered a resident of Maryland for tuition purposes. Students enrolled in a course contracted between the College and a business or industry that operates its business in Cecil County may be considered a county resident for tuition purposes.

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Tuition for International Students

For non-U.S. citizens to be considered a Maryland resident for purposes of this policy, students shall possess the legal capacity under federal and state law to establish Maryland domicile.

All students with an F, B, or J visa status must pay out-of-state tuition. Consult with the Director of Records and Registration for other visa status.

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Educational Tax Credits

The Hope Scholarship
The Federal Hope Scholarship is a tax credit available to eligible students during their first two years of postsecondary education. For more information, please contact your local IRS office or visit the IRS website. Students must be enrolled at least half-time (six credits) in a degree or certificate program.

Lifetime Learning Credit
An individual paying qualified tuition and related expenses at a postsecondary educational institution may claim the credit, provided the institution is an eligible educational institution. Unlike the Hope Scholarship Credit, students are not required to be enrolled at least half-time in one of the first two years of postsecondary education. Nonresident aliens generally are not eligible to claim the Lifetime Learning Credit. For more information, please contact your local IRS office or visit the IRS website.

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Waivers and Reductions

College Bound Scholarship
Cecil County Public Schools, as well as certain other pre-approved public and private high school juniors, seniors, and approved talented/gifted students who enroll in college-level credit courses at Cecil College may receive a 50 percent scholarship toward in-county tuition based on residency. To participate, high school juniors must have a minimum grade point average of 3.0. A grade point average of 2.5 is required for high school seniors for program eligibility. Students must meet all other Cecil College entrance requirements and must present an eligibility form signed by a parent and a high school principal or other designated authority.

Science, Technology, Engineering and Math (STEM) Academy and Digital Arts Program
Cecil County Public School (CCPS) students eligible for STEM and Arts and Communications Cluster scholarships will receive a waiver for two-thirds of the in-county tuition rate in effect for the semester. Students must pay the balance of tuition and fees. In order to be eligible for the special two-thirds tuition arrangement, STEM Academy Scholarship participants must:

- be enrolled in the CCPS STEM Academy;
- demonstrate completion of the course sequence in the STEM Academy pathway; and
- demonstrate successful completion of all coursework in the Math/Science sequence of the CCPS STEM Academy.

Note: Special tuition rates apply only to dual enrollment courses as part of the CCPS STEM Academy program.

Arts and Communications Cluster Scholarship participants must:

- be enrolled in a CCPS Arts and Communications cluster sequence, and
- demonstrate successful completion of the CCPS coursework that is validated as the prerequisite for college-level course-work in Visual Communications at Cecil College.

Note: Special tuition rates apply only to dual enrollment courses as outlined in the dual enrollment Digital Arts Program in the CCPS Student Education Planning Guide and specifically designated pathway options in the Digital Arts pathway of the Guide.

Senior Citizen Tuition Waiver
Tuition and student development fee will be waived for Maryland residents 60 years and older enrolled in a course that has sufficient enrollment to be conducted. Seniors will be charged registration and course fees. Proof of age will be required at time of registration. Certain programs and courses available in continuing education (non-credit) are exempt from this waiver.

Social Security Disability Tuition Waiver
Tuition will be waived for disabled Maryland residents who meet the following criteria and receive verification of eligibility from the appropriate agency:

1. student is a resident of Maryland,
2. student has a permanent disability and is receiving a social security disability benefit, (SSDI) or supplemental security income, (SSI) as defined by the Social Security Act, Railroad Retirement Act, or the U.S. Office of Personnel Management, (Federal retirement or pension authority).
3. The Student MUST file a FAFSA each year by the specified deadline for all credit courses and specified non-credit courses. (See financial aid section for deadlines).

In addition, the course must have sufficient enrollment to be conducted. Eligible students will be charged registration and course fees. In order to request a disability tuition waiver, students may obtain a form from the Director of Advising.

Maryland National Guard Tuition Waiver
Cecil College offers a tuition reduction of 50 percent of the in-county tuition rate for members of the MD National Guard. Maryland National Guard (MDNG) members must meet the following eligibility criteria:

- must officially enroll as a student of Cecil College;
- must have been certified by the Maryland Adjutant General that the member has at least 24 months remaining to serve or has agreed in writing to serve for a minimum of 24 months; and
- must present to the Registrar or Accounts Receivable Manager a photocopy of his/her current military ID card and a letter of certification from the Maryland Adjutant General noting that he/she has at least twenty-four (24) months remaining to serve or has agreed in writing to serve for a minimum of twenty-four (24) months. All documentation must be presented to the Registrar or Accounts Receivable Manager to receive the tuition reduction.

Procedures:

1. complete the application form for MDNG tuition waiver which is available in the Registration Office and Cashiers Office;
2. obtain authorization from the Registrar or Accounts Receivable Manager;
3. obtain signature of the Registrar or Accounts Receivable Manager for the tuition waiver form by presenting;
   a. current military picture identification card, and
   b. certification by the Maryland Adjutant General.
4. return the Tuition Waiver form to the Registration Office and register for classes; and
5. present the Tuition Waiver form to the Cashier's Office and pay the balance of tuition and fees.

Health Manpower Shortage Program
Cecil College participates in the Health Manpower Shortage Program, as approved by the Maryland Higher Education Commission, in alignment with Maryland state law and consistent with fiscal policies within the College. This program enables out-of-county and out-of-state students to enroll at the College in credit courses that are required in a designated Health Manpower Shortage Program at in-county tuition rates under certain conditions.

- Out-of-County Students (Maryland residents)
  - Eligible Programs: Nursing, Practical Nursing
  - Procedures:
    1. Check Maryland Higher Education Commission to determine Healthcare Program of Study eligibility.
    2. The out-of-county (Maryland resident) student completes the application and enrollment process according to College policy and procedures.
    3. The out-of-county (Maryland resident) student is required to attend an advising session with the College's pre-nursing advisor.
    4. The out-of-county (Maryland resident) student and advisor complete a "Special Agreement" Form in which the student enrolls.
- Out-of-State Students
  - Eligible Programs: Nursing, Practical Nursing
  - Procedures:
    1. Check Maryland Higher Education Commission to determine Healthcare Program of Study eligibility.
    2. The out-of-state student completes the College's application and enrollment process according to policy and procedures.
    3. The out-of-state student completes a specific application form and certification process of acceptance available through the Department of Nursing.
    4. The out-of-state student registers at Cecil College for a minimum of six (6) credits per semester.
    5. The out-of-state student signs a surety bond or promissory note with the Maryland State Scholarship Administration.
    6. Students submit all documentation to the Dean of Nursing and Health Professions for state approval.

Maryland Foster Care Recipients
In accordance with the Maryland Higher Education Commission, Cecil College offers foster care recipients tuition waivers for those who resided in a foster care home at the time of graduation from high school or who have successfully completed a GED exam. Upon meeting eligibility requirements, the student is exempt from paying tuition and mandatory fees minus any grants and scholarships. Students must comply with all other Cecil College entrance requirements and must present a confirmation of waiver approval from the State Department of Human Resources, and complete the FAFSA application available online at www.fafsa.ed.gov. Applicants must apply between January 1 and March 1 of each year.

Tuition Rates for Employees of Cecil County Businesses
Employees of Cecil County Businesses that register for credit courses and state-approved non-credit courses may be eligible to receive in-county rates as long as the local business reimburses the student or directly pays Cecil College.

Procedures:

1. Upon completing registration, the student must provide a letter to the Cashier's Office which states the student's name, active status of employment, and date which employment began. (Student's must be employed prior to registration of courses). The letter must be written on company letterhead, signed by a company official, and must include the company phone number.
2. If the company is paying for the student's tuition, the letter must state the amount that will be covered and indicate whether the student must meet certain requirements in order to receive the educational assistance. Letters that contain requirements, such as a grade stipulation clause, will not be used to hold students in class. Students providing a letter that contains a stipulation will be asked to pay their balance upon registration. Any student using their employer as a source of payment should be aware that they will personally be held responsible for paying their account in full if the employer chooses not to pay.
3. The letter must state that the student is to be reimbursed directly if the company is not paying Cecil College. Students will need to pay their charges upon registration and wait for reimbursement from the employer.
4. Each letter must contain the following information*:

   Student Name
   Employment Status/Date
   Course Number(s) and Course Title(s)
   Start date of course(s)

   *The detailed information listed above is not necessary if the employer states they will pay for any and all courses taken during a semester with no stipulations.

Statewide Instructional Programs
Maryland residents may attend Cecil College at in-county tuition rates in programs that have been approved and designated as statewide programs by the Maryland Higher Education Commission.

- Eligible Programs: Visual Communications, Certain Transportation and Logistics programs, Government Contracting
- Procedures:
  1. Complete the admissions and enrollment process according to College policy and procedures.
  2. Complete the registration process with an advisor and complete the Special Agreement Form at the time of registration for each semester.
  3. Provide documentation from his/her local community college if the program is unavailable due to the program meeting or exceeding enrollment capacity, if applicable.

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Financial Aid

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General Information

Financial aid programs are designed to assist qualified students in meeting their college-related expenses. Need-based scholarships, grants, work-study and loans are types of financial assistance that require completion of the Free Application for Federal Student Aid (FAFSA) to determine eligibility. In addition, some Maryland State Scholarships have specific application and award criteria. The Cecil College Foundation Scholarship application can be found online.

The goal of Cecil College is to make the financial aid application process understandable and easy to follow. The financial aid staff maintains a strong commitment to students and encourages responsible participation in the process. The following are a few basic guidelines to ensure that students receive comprehensive consideration for all types of financial assistance:

- apply early to be considered for all types of aid: federal, state, and college aid;
- March 1 is the priority deadline for most Maryland state scholarships; April 30 is the Cecil College Foundation Scholarship deadline;
- promptly provide all documents that are requested by the Financial Aid Office; and
- when in doubt, ask questions.

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Eligibility Requirements

The following requirements must be met for students to receive federal student aid:

- be a U.S. citizen or eligible non-citizen;
- be registered with Selective Service, if required;
- be admitted into an eligible program of study*;
- be making satisfactory academic progress;
- not owe a refund on a federal grant or be in default on a federal education loan**;
- show demonstrated financial need by completing the FAFSA; and
- have a high school diploma or GED.

*Students that have satisfied bachelor degree requirements are not eligible for Pell grants.
** Students with student loans in active bankruptcy are not permitted to borrow additional student loan funds

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How to Apply

All of the financial aid links mentioned in this section that refer to applying for federal, state and institutional aid are conveniently organized in the student portal at www.my.cecil.edu.

Once signed into the portal, students learn how to apply for financial aid as well as track the status of financial aid awards.

Complete a Free Application for Federal Student Aid (FAFSA) over the Web at www.fafsa.gov. If you are a dependent student, both parent and student should apply for a PIN at www.pin.ed.gov. Use the PIN to sign the online FAFSA, review and correct information, and re-apply for student aid every year. It takes 3 to 7 days for Cecil to receive the FAFSA results.

Students will receive a document called a Student Aid Report (SAR) from the U.S. Department of Education which summarizes the FAFSA information and lists the student's Expected Family Contribution (EFC), which is used to determine financial need.

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Federal Financial Aid Programs

The federal assistance programs are designed to provide funding for students who demonstrate financial need using the FAFSA. A standard needs analysis formula, called Federal Methodology, is applied to the information submitted in the FAFSA and treats all student information equally.

Federal Pell Grant
This program provides need-based grants to eligible full and part-time undergraduate students. The Expected Family Contribution (EFC) and the student's credit load determine the amount of the grant.

Federal Supplemental Educational Opportunity Grant (FSEOG)
This program provides supplemental funding for full- and part-time undergraduate students who demonstrate exceptional financial need. Priority is given to Federal Pell Grant recipients. The amounts may vary from $200 to $2,000.

Federal Work-Study Program
This program provides jobs for students who demonstrate financial need. Students work in various positions on and off campus, averaging 10 to 20 hours per week. Work-study contracts are given as funding allows.

Federal Direct Loans
The U.S. Department of Education administers the William D. Ford Federal Direct Loan (Direct Loan) Program. The program provides Stafford Loans for students and PLUS Loans for parents.

Under the Direct Loan program funds are borrowed directly from the federal government. Students must complete a FAFSA and Master Promissory Note (MPN), a legally binding document which describes the terms and conditions of your student loan and your agreement to pay back the funds.

If you change your mind about taking out a loan, please note that you may cancel all or part of your loan by notifying a member of the financial aid staff. If your loan funds have been disbursed to your tuition account, you may cancel all or part of the loan within certain timeframes.

Entrance counseling is required of all first-time borrowers. In addition, an exit interview is required when a student withdraws, graduates or drops below six credits. The purpose of both entrance counseling and exit interviews is to inform students of their rights and responsibilities as borrowers and to help them understand the importance of repaying their student loans and the consequences of neglecting to repay their loans as agreed in the Master Promissory Note. Repayment begins six months after graduating, withdrawing or dropping below six credits.

To accept a Direct Loan:

1. Complete the FAFSA at www.fafsa.gov;
2. Complete entrance counseling at www.studentloans.gov;
3. Complete a Master Promissory Note at www.studentloans.gov;
4. Complete a Direct Loan Acceptance Form and submit it to the financial aid office.

Federal Direct Parent Loan
The Parent Loan for Undergraduate Students (PLUS) is federal funding that parents may borrow on behalf of their dependent undergraduate student(s) who are enrolled in an eligible program of study for at least six credits. Repayment begins 60 days after the loan is fully disbursed. Approval is based on a satisfactory credit rating. Apply at www.studentloans.gov.

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Maryland State Scholarship Program

Maryland offers a variety of scholarships and grants to full- and part-time Maryland residents attending a Maryland college. The FAFSA is used to apply for most Maryland scholarships; however, certain programs require an additional application. Applications can be printed from the state's Web site at www.mhec.state.md.us. Also, application information can be obtained from the Financial Aid Office or by contacting the state directly at 410-260-4565.

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Veteran Benefits

Cecil College is approved to participate in the Veterans Educational Benefits Programs. In order to ensure the educational success of our returning Veterans, Cecil also participates in the Maryland Campus Compact for Student Veterans.

- New students must complete an Application for Benefits. The application can be downloaded or completed electronically online at www.gibill.va.gov. Once your application has been processed, the VA will mail you a Certificate of Eligibility which outlines your chapter and percentage of eligibility for the GI Bill.
- Students must submit a copy of their Certificate of Eligibility to the school Certifying Official and are advised to schedule an appointment to discuss enrollment and benefit information.
- Students who have previously used their benefits at another institution must complete the Change of Program/Place Form. VA form 22-1995.

In addition, VA students who transfer to Cecil should have their academic transcripts evaluated for transfer credits toward their program of study. The toll free number for Veterans Affairs is 1-888-442-4551.

Veterans may receive transfer credits for military training experiences. Veterans should submit a copy of the American Council on Educators (ACE) evaluation and recommendations for military occupational specialties.

Note: Veterans must make academic progress to remain eligible for educational benefits. Non-punitive grades may result in an overpayment between the student and the VA.

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Cecil College Foundation Scholarships (Institutional Scholarships)

Over 200 students are awarded scholarships each year through the Cecil College Foundation, Inc. These scholarships are made possible through the generosity of friends, corporations, and alumni who support the mission and vision of the College. Financial need and academic merit are among the eligibility criteria for selecting the awardees. Apply by April 30 each year.

All applications are taken online.

Applications are automatically screened and matched to appropriate scholarships through the selection process. For further information, call 410-287-1053.

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Verification

Students whose applications are selected for verification must document the accuracy of the information provided in the FAFSA. The Financial Aid Office may request IRS Tax Return Transcripts, W-2 forms, Verification Worksheets and any other documents that may be needed to complete the verification process. Offers of financial aid will be made after all documents are received and the process is finalized in compliance with federal regulations.

Satisfactory Academic Progress (SAP) Standards require that financial aid recipients must be making satisfactory academic progress in their program of study. Federal regulations require that progress be measured both quantitatively and qualitatively. This means that in addition to a minimum grade point average requirement, students must complete a minimum percentage of course work by the end of the academic year.

The SAP standards for financial aid recipients at Cecil College state that:

- students must maintain a minimum cumulative GPA of 2.0;
- students must maintain a cumulative completion rate of at least 70 percent of total credit hours attempted/total credit hours earned. Grades of F, I, M, R, NG, W and K are not counted as hours completed.
- students must complete their program within a 150 percent maximum time frame.

Students who fail to meet the SAP standards are placed on financial aid WARNING. During the WARNING semester, students may continue receiving financial aid and have an opportunity to meet the SAP standards before advancing to a SUSPENSION status. Upon completion of the WARNING semester a student who meets the SAP standards will be placed on a GOOD status. If, during the WARNING semester, a student fails to meet the SAP standards, they will be placed on a SUSPENSION status and will no longer be eligible to receive aid. Eligibility may be restored once satisfactory academic progress is achieved. This will require the student to register for classes, and pay out of pocket until SAP standards are achieved. Students with extenuating circumstances, who wish to appeal their financial aid suspension, may do so in writing to the Director of Financial Aid by completing the SAP Appeal Form, attaching supporting documentation, and providing a statement explaining why the deficiency occurred and the steps that will be taken to ensure successful progress in the future.

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Return of Title IV Funds

The Financial Aid Office is required by federal statute to recalculate the federal financial aid eligibility for students who withdraw, drop out, are dismissed or take a leave of absence prior to completing 60 percent of a payment period or term. The federal Title IV financial aid programs must be recalculated in these situations.

If a student leaves the institution prior to completing 60 percent of a payment period or term, the Financial Aid Office recalculates eligibility for Title IV funds. Recalculation is based on the percentage of earned aid using the following Federal Return of Title IV funds formula:

> Percentage of payment period or term completed = the number of days completed up to the withdrawal date divided by the total days in the payment period or term. (Any break of five days or more is not counted as part of the days in the term.) This percentage is also the percentage of earned aid.

Funds are returned to the appropriate federal program based on the percentage of unearned aid using the following formula:

> Aid to be returned = 100 percent of the aid that could be disbursed minus the percentage of earned aid multiplied by the total amount of aid that could have been disbursed during the payment period or term.

If a student earned less aid than was disbursed, the institution would be required to return a portion of the funds and the student would be required to return a portion of the funds. Keep in mind that when Title IV funds are returned, the student may owe a debit balance to the institution.

If a student earned more than was disbursed to him or her, the institution would owe the student a post-withdrawal disbursement which must be paid within 120 days of the student's withdrawal. The institution must return the amount of Title IV funds for which it is responsible no later than 45 days after the date of the determination of the date of the student's withdrawal.

Refunds must be allocated in the following order:

- Unsubsidized Federal Direct Stafford Loans (other than PLUS)
- Subsidized Federal Direct Stafford Loans
- Federal Direct PLUS Loans
- Federal Pell Grants
- Federal Supplemental Opportunity Grants

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Adjustments to Financial Aid

Sometimes it is necessary to adjust financial aid awards. Reasons for adjustments may include:

- dropping/adding or withdrawing from classes;
- receiving additional financial aid; and
- selection for verification resulting in revisions to FAFSA data and therefore, eligibility.

In addition, adjustments to aid cannot be made for late start classes if students were not previously registered for them by the end of the add/drop period of full semester classes. Financial aid award amounts are based on the number of credits for which students are enrolled at the beginning of the standard term. Students planning to take later-starting courses should register for them at the time they register for their full semester classes.

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Cancellation of Financial Aid

Many reasons warrant cancellation of financial aid. These reasons include, but are not limited to:

- default on a federal student loan;
- owing a repayment to a federal student aid program;
- incomplete verification process;
- unsatisfactory academic progress;
- non-attendance; or
- repeating previously passed courses.

Financial Aid Office
(410) 287-1003
(410) 287-1001 FAX
finaid@cecil.edu

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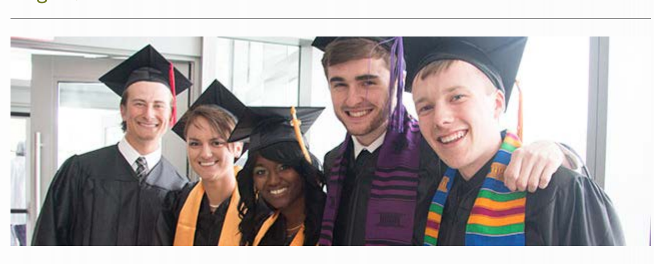

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Cecil College offers programs of study that lead to associate degrees and program certificates. Students may enter a program designed for transfer to a four-year institution; one that prepares them for immediate entry into the workforce; or a program that helps them upgrade skills in their current career.

Degree Programs

There are five associate's degrees:

- The associate of arts (A.A.) degree recognizes mastery in the liberal arts (humanities, social sciences and similar subjects) and in the fine arts. The associate of arts degree transfers to appropriate baccalaureate programs and provides for career exploration and skills upgrading.
- The associate of science (A.S.) degree recognizes a curricular focus in science, mathematics, or technology. The associate of science degree transfers to appropriate baccalaureate programs and also provides for career exploration and skills upgrading.
- The associate of applied science (A.A.S.) degree recognizes a curricular focus in a specific occupational area. The associate of applied science degree is designed primarily for immediate employment or career mobility and is identified with a specialty designation, e.g., computer technology, law enforcement, etc.
- The associate of arts in teaching (A.A.T.) degree is designed for transfer to a Maryland four-year institution to obtain a baccalaureate degree and teacher certification.
- The associate of fine arts (A.F.A.) degree is designated for transfer to a four-year institution to obtain a baccalaureate degree.

Associate degree programs consist of general education courses, program specific courses, and electives. To qualify for an associate's degree, students must complete the minimum number of credit hours required in their programs and earn a cumulative grade point average of 2.0 (A.A.T. requirements) or better in college-level courses, meet other graduation requirements and general education requirements.

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Certificate Programs

The College offers certificate programs for those who wish to gain a credential for acquired knowledge, skills and abilities focused in specific discipline areas. Most certificate programs are designed to assist students with goals for upgrading skills for immediate application in employment. Many certificate programs are designed as units within associate degree programs and can be acquired in the process of seeking an associate's degree. Certificate programs require the completion of 12 credits or more. Students must complete 50 percent of their course work at Cecil College and earn a cumulative grade point average of 2.0 or better in college-level courses, and meet all other graduation requirements.

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Programs to Meet Diverse Educational Needs

To meet the educational needs of the community, Cecil College offers programs in general education, college or university transfer, career education, continuing education, and student development services.

1. The general education program provides all students with writing, speaking, reading, critical thinking and computing skills and knowledge to function as educated citizens in a complex world.
2. College transfer programs prepare students for further learning by providing courses in specific disciplines and general education that parallel the first two years at a four-year institution.
3. The career education program prepares students for immediate employment in technical and business fields and allows students to continue studies at four-year institutions.
4. The non-credit division of the College provides non-credit courses and skills which allow individuals to upgrade their abilities, prepare for state licensure, re-train for new occupations, enrich cultural backgrounds, and develop specialized interests. It also provides contract training for business and industry.
5. Student Services and Institutional Effectiveness provides students with a variety of resources, including academic advising and support, multicultural affairs, job placement and career management services, financial aid services, student development activities, and intercollegiate athletics.

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General Education - Student Learning Outcomes

Student learning across the curriculum is measured by the expected student learning outcomes for General Education. Through the General Education core requirements, all curricula are designed so that students demonstrate college-level competency in:

A. critical and creative thinking skills and problem-solving strategies;
B. writing;
C. oral communications;
D. quantitative analysis;
E. computer literacy and in the ability to work productively with information technology; and
F. awareness of ethics, cultural diversity, artistic expression, health and wellness issues, and the physical and social environment; and
G. information literacy including finding, evaluating and using information effectively.

The state of Maryland mandates that every associate degree program contain general education requirements designed to introduce students to the fundamental knowledge, skills, and values that are essential to the study of academic disciplines. To assure that associate degree students meet the general education requirements defined by the state of Maryland, each degree program includes a distribution of general education credits. Courses which meet general education requirements must be approved by the College's Academic Affairs Committee.

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General Education and Institutional Requirements

The College defines general education as the portion of the curriculum devoted to the development of the skills, knowledge and abilities essential to all students, regardless of chosen majors. The course distribution is intended to ensure that students have mastered and demonstrated a familiarity with core knowledge basic to all college-level work.

General Education Requirements and Institutional Requirements and Institutional Requirements for Associate of Arts (A.A.) Associate of Arts in Teaching (A.A.T.) and Associate of Science (A.S.) Degrees (minimum of 30 general education credits)

Arts and Humanities

- 6 semester credit hours in the arts and humanities general education courses
- Courses must be from two different disciplines and have different course prefixes

Biological and Physical Sciences

- 7-8 semester credit hours in biological and physical sciences general education courses
- One of the courses must be a laboratory science course

English Composition

- 3 credits in Freshman Composition (EGL 101)

Mathematics

- 3 semester credit hours in a mathematics general education course

Social and Behavioral Sciences

- 6 semester credit hours in social and behavioral sciences general education courses
- Courses must be from two different disciplines and have different course prefixes

General Education Electives

- Additional general education courses to complete a minimum of 30 semester hours

Institutional Requirement

- 3 additional credits in Composition and Literature (EGL 102) or Technical Writing (EGL 211)

General Education Requirements and Institutional Requirements for Associate of Applied Sciences (A.A.S.) and Associate of Fine Arts (A.F.A.) Degrees (minimum of 20 general education credits)

Arts and Humanities

- 3 semester credit hours in the arts and humanities general education course

Biological and Physical Sciences

- 4 semester credit hours in biological and physical sciences general education course
- Course must be a laboratory science course

English Composition

- 3 credits in Freshman Composition (EGL101)

Mathematics

- 3 semester credit hours in a mathematics general education course

Social and Behavioral Sciences

- 3 semester credit hours in social and behavioral sciences general education course

General Education Electives

- Additional general education courses to complete a minimum of 20 semester hours

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Definition of General Education Competencies for Cecil College

1. Written and Oral Communication
Cecil College defines college-level writing competency according to the Standards for a "C" Paper as approved on March 3, 1998, by the Maryland Statewide English Composition Committee and on April 21, 1998 by the Inter-segmental Chief Academic Officers of Maryland's two- and four-year institutions of higher education.

College-level oral communication is defined as improved oral expression, listening, critical thinking, and message analysis, and enhanced appreciation and understanding of various forms of expression/communication.

2. Scientific and Quantitative Reasoning
Cecil College defines college-level competency in scientific reasoning as students' ability to articulate the elements of the scientific method, and the application of such elements to the analysis and the practice of science. Students should be able to collect, analyze, interpret, evaluate, and present data.

College-level quantitative reasoning is defined by the following approved statewide attributes:

a. interpret mathematical models given verbally, or by formulas, graphs, tables, or schematics, and draw inferences from them,
b. represent mathematical concepts verbally, and where appropriate, symbolically, visually, and numerically,
c. use arithmetic, algebraic, geometric, technological, or statistical methods to solve problems,
d. use mathematical reasoning with appropriate technology to solve problems, test conjectures, judge the validity of arguments, formulate valid arguments, and communicate the reasoning and the results,
e. estimate and check answers to mathematical problems in order to determine reasonableness
f. recognize and use connections within mathematics and between mathematics and other disciplines

3. Critical Analysis and Reasoning
Cecil College defines college-level proficiency in critical analysis and reasoning to include, but not limited to, the following: application, analysis, synthesis, evaluation, problem solving, and decision making, as well as creative thinking, meta-cognition, and productive habits of the mind.

4. Technological Competency
Cecil College defines college-level technological competency as the students' ability to engage in technology collaboration; use and create structured digital documents; perform technology-enhanced presentations; use technology tools for research and evaluation; use databases to manage information; use technology tools for analyzing qualitative and quantitative data; use graphical and multimedia representational technologies; demonstrate familiarity with major legal, ethical, privacy and security issues; demonstrate a working knowledge of hardware and software applications; and create an HTML web page.

5. Information Literacy
Cecil College defines college-level information literacy as the students' ability to recognize the need for information; identify what information is needed; find that information; evaluate information critically for relevance and credibility; use information to solve problems or answer questions; and use information legally and ethically.

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General Education Course Codes

The following codes are used in the course descriptions to identify courses that satisfy the General Education Core Requirements:

E	English Composition
H	Arts and Humanities
I	Interdisciplinary and Emerging Issues
M	Mathematics
SL	Science with Lab
S	Science
SS	Behavioral and Social Sciences

Computer Literacy Across the Curriculum
Computer Literacy Across the Curriculum is an approach to academic instruction that exercises skills which students will need to be computer literate in the future and to effectively use computer terminology, software, and hardware.

Students pursuing a degree program at Cecil College must fulfill a computer literacy requirement for graduation.

The associate degree programs at Cecil College include the general education credit hours required by the state of Maryland. If a degree program directs students to choose general education courses from specific categories, those courses must be selected from the approved courses listed below.

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Approved General Education Courses by Category

The associate degree programs at Cecil College include the general education credit hours required by the state of Maryland. If a degree program directs students to choose general education courses from specific categories, those courses must be selected from the approved courses listed below.

Transfer Students: It is extremely important for transfer students to consult with an academic advisor when choosing general education courses from the approved list since each transfer institution has slightly different requirements.

English Composition (E)

EGL 101	Freshman Composition	3 cr.

Arts and Humanities (H)

ART 101	Fundamentals of Design	3 cr.
ART 110	Color	3 cr.
ART 130	Drawing I	3 cr.
ART 140	Painting I	3 cr.
ART 141	Survey of Art History	3 cr.
ART 150	Art Appreciation and Museum Studies	3 cr.
ART 152	Sculpture	3 cr.
ART 160	Beginning Ceramics	3 cr.
ART 180	Basic Photography	3 cr.
ART 181	Introduction to Movie Making	3 cr.
ART 194	Wheel Thrown Ceramics	3 cr.
ART 201	Three-Dimensional Design	3 cr.
ART 230	Drawing II	3 cr.
ART 240	Painting II	3 cr.
ART 242	Survey of Modern Art History	3 cr.
ART 260	Intermediate Ceramics	3 cr.
DAN 102	Introduction to Dance	3 cr.
EGL 102	Composition and Literature	3 cr.
EGL 203	British Lit. to 18th c.	3 cr.
EGL 204	British Lit. 18th c. to Present	3 cr.
EGL 205	American Lit. to 1865	3 cr.
EGL 206	American Lit. 1865 to Present	3 cr.
EGL 209	Introduction to African American Literature	3 cr.
EGL 213	Introduction to Film	3 cr.
EGL 215	Introduction to Creative Writing	3 cr.
EGL 260	Children's Literature	3 cr.
HST 101	Western Civilization I	3 cr.
HST 102	Western Civilization II	3 cr.
HST 110	World History I	3 cr.
HST 111	World History II	3 cr.
HST 201	History of the United States (to reconstruction)	3 cr.
HST 202	History of the United States II (reconstruction to present)	3 cr.
MUC 104	Guitar Class	3 cr.
MUC 122	Music Appreciation	3 cr.
MUC 135	History of Rock	3 cr.
MUC 136	Survey of World Music	3 cr.
MUC 143	Music Fundamentals	3 cr.
MUC 151	Film Music	3 cr.
PHI 101	Introduction to Philosophy	3 cr.
PHI 201	Ethics - Contemporary Moral Problems	3 cr.
PHI 203	History of Ideas I	3 cr.
PHI 204	History of Ideas: Modern	3 cr.
PHI 205	Philosophy of Religion	3 cr.
RUS 101	Russian I	3 cr.
SPH 121	Interpersonal Communications	3 cr.
SPH 141	Public Speaking	3 cr.
SPH 101	Beginning Spanish I	3 cr.
SPH 102	Spanish II	3 cr.
THE 161	Introduction to Theatre	3 cr.
THE 171	Acting Fundamentals	3 cr.
THE 184	Introduction to Acting for Screen and Stage	3 cr.

Interdisciplinary and Emerging Issues (I)

CIS 101	Introduction to Computer Concepts	3 cr.
CSC 104	Computer Science Fundamentals	3 cr.
CSC 110	Ethics in Information Technology	3 cr.
CSC 202	Creative Design	3 cr.
EGL 210	Topics in World Literature	3 cr.
ENV 106	Introduction to Environmental Science	3 cr.
ENV 150	Introduction to Energy and Sustainability	4 cr.
GIS 101	Geographic Information Systems	3 cr.
HEA 130	Healthful Living	3 cr.
HEA 173	Human Sexuality	3 cr.
HST 135	History of Rock	3 cr.
HST 141	Survey of Art History	3 cr.
MUC 151	Film Music	3 cr.
MUC 128	Introduction to Audio Technology	3 cr.

Mathematics (M)

MAT 121	Precalculus	4 cr.
MAT 123	Finite Math	3 cr.
MAT 125	Applied Calculus	4 cr.
MAT 127	Introduction to Statistics	4 cr.
MAT 128	Introduction to Statistics II	4 cr.
MAT 201	Calculus I w/ Analytical Geometry	4 cr.
MAT 202	Calculus II w/ Analytic Geometry	4 cr.
MAT 203	Multivariable Calculus	4 cr.
MAT 236	Discrete Structures	3 cr.
MAT 240	Introduction to Linear Algebra	4 cr.
MAT 246	Introduction to Differential Equations	3 cr.

Physical and Biological Sciences (S and SL)

AST 103	Principles of Astronomy	4 cr.
BIO 101	General Biology*	3 cr.
BIO 103	Introduction to Zoology*	3 cr.
BIO 104	Botany: Introduction to Horticulture*	3 cr.
BIO 123	Foundations of Nutrition* (no lab)	3 cr.
BIO 130	Principles of Biology I*	3 cr.
BIO 132	Principles of Biology II*	3 cr.
BIO 200	Microbiology*	3 cr.
BIO 201	Fundamentals of Ecology	4 cr.
BIO 208	Human Anatomy and Physiology I*	3 cr.
BIO 209	Human Anatomy and Physiology II*	3 cr.
CHM 103	General Chemistry I*	3 cr.
CHM 104	General Chemistry II*	3 cr.
ENV 106	Introduction to Environmental Science*	3 cr.
ENV 150	Introduction to Energy Sustainability	4 cr.
PHY 103	Physics Today	4 cr.
PHY 120	Light Science	4 cr.
PHY 181	Introductory College Physics I w/ Lab	4 cr.
PHY 182	Introductory College Physics II w/ Lab	4 cr.
PHY 217	General Calculus Physics I w/Lab	4 cr.
PHY 218	General Calculus Physics II w/Lab	4 cr.
PHY 219	Gneral Calculus Physics III w/Lab	4 cr.
PSC 105	General Physical Science w/ Lab	4 cr.
PSC 120	Physical Geology	4 cr.
PSC 125	Essentials of Weather	4 cr.
PSC 135	Introduction to Climate Science w/Lab	4 cr.
PSC 140	Introduction to Ocean Studies w/ Lab	4 cr.
PSC 150	Introduction to Energy and Sustainability	4 cr.
PSC 220	Meteorology	4 cr.

*must be combined with a lab course to meet the lab science requirement

Social and Behavioral Sciences (SS)

ANT 101	Cultural Anthropology	3 cr.
COU 102	Dynamics of Human Interaction	3 cr.
ECO 221	Economics – Micro	3 cr.
ECO 222	Economics – Macro	3 cr.
GEO 101	Physical Geography	3 cr.
GEO 102	Cultural Geography	3 cr.
POS 101	Introduction to Political Science	3 cr.
POS 201	American Government	3 cr.
PSY 101	Introduction to Psychology	3 cr.
PSY 201	Human Growth and Development	3 cr.
SWK 101	Introduction to Social Work	3 cr.
SOC 101	Introduction to Sociology	3 cr.
SOC 102	Social Problems	3 cr.
SOC 103	Marriage and the Family	3 cr.
SOC 105	Perspective in Human Diversity	3 cr.

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Programs of Study

Cecil College offers the following academic degree and certificate programs. Each program area is briefly described and includes a list of required general education and program specific courses. A recommended sequence of courses is also provided for completing the degree program as a full-time student. New degrees with areas of concentration will be published in the near future.

Programs marked with an asterisk (*) were approved after July 1, 2015, the official publish date of this document. Please refer to the Addendum page for more information.

Degrees

Art, Ceramics
Art, Drawing/Painting
Art, Graphic Design
Art and Design*
Biology
Business, Accounting
Business, Administration
Business, Leadership and Management
Business, Management
Business, Marketing
Chemistry
Communications
Computer Information Systems - Computer Aided Drafting and Design
Computer Information Systems - Programming
Computer Science
Criminal Justice*
Criminal Justice, Corrections
Criminal Justice, Law Enforcement
Cyber Security
Education, Early Childhood (AAT)
Education, Elementary (AAT)
Education, Elementary (AA)
Education, Outdoor Adventure
Education, Secondary
Education, Secondary, Art
Education, Secondary, Chemistry
Education, Secondary, English
Education, Secondary, Mathematics
Education, Secondary, Music
Education, Secondary, Physics
Engineering, Aerospace
Engineering, Chemical
Engineering, Civil
Engineering, Computer
Engineering, Electrical
Engineering, Mechanical
Environmental Science
Equine Studies
Exercise Sciences
Fire Science Technology
General Studies
Geology
Government Contracting
Graphic Design and Multimedia
Healthcare Sciences
Horticultural Science
Logistics, Supply Chain Management
Logistics, Transportation Management
Mathematics
Meteorology
Music
Music/Voice
Nursing
Ocean Studies
Paralegal
Paramedic, Emergency Medical Technology
Photography, Professional
Physical Therapist Assistant
Physics
Pre-Med/Dental
Psychology
Simulation Design and Gaming
Social Work
Theatre Performance and Acting
Video Production
Web Design and Multimedia
Web Development

Certificates

Art, Ceramics
Art, Drawing/Painting
Business, Accounting
Business, Management
Computer Information Systems - Oracle Certified Associate
Computer Information Systems - Oracle Certified Professional
Computer Information Systems - Programming
Cyber Security
Digital Imaging
Equine Studies
Equine Studies, Management
Government Contracting
Government Logistics
Graphic Design
Horticultural Science
Logistics, Commercial Transportation
Logistics, Transportation Management
Marketing
Nursing, Practical
Personal Trainer/Fitness Manager
Photography, Basic
Photography, Portfolio Production
Photography, Professional
Photography, Studio
Photography, Lab
Simulation Design and Gaming
Video Production
Video Technology
Web Design and Multimedia
Web Development

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Arts and Sciences Transfer – Arts Option – Ceramics

Award: Associate of Arts
Degree Code: ASCO
Number of Credits: 64-70

Program Description

This program option prepares students for transfer to a four-year institution to pursue a BA in Art or a Bachelor of Fine Arts Degree. Students will create an artistic portfolio of work to transfer, seek initial employment or to develop skills in the following areas: art and design, ceramics, art education, art administration, fine arts production, exhibition and sales.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ART 101	Fundamentals of Design [H]	3
ART/HST 141 or ART 150	Survey of Art History [H/I] Art Appreciation and Museum Studies	3
ART 160	Beginning Ceramics [H]	3
CHM 109	Chemistry and Art[1] [SL]	4
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT	Math Elective [M]	3-4
SCI	Science Elective [S/SL]	3-4
SOC SCI	Social Science Electives[2] [SS]	6

Program Requirements

Number	Title	Credits
ART 130	Drawing I [H]	3
ART 140	Painting I [H]	3
ART 161 or ART 167	Ceramics/Japanese Raku Ceramics/Japanese Raku	1 3
ART 169	Ceramics/Majolica Glaze Painting	3
ART 180 or VCP 101	Basic Photography [H] Photography I	3-4
ART 260	Intermediate Ceramics [H]	3
ART 261	Advanced Ceramics	3
ART 293	Professional Portfolio Production	3

Program Electives – Select 11-12 Credits

Number	Title	Credits
ART 141	Survey of Art History [H]	3
ART 150	Art Appreciation and Museum Studies [H]	3
ART 152	Sculpture [H]	3
ART 162	Ceramics/Color Clay	1
ART 163	Ceramics/Masks and Self Portraits	1
ART 164	Ceramics/Small Sculpture	1
ART 165	Ceramics/Polymer Clay Jewelry	1
ART 166	Ceramics/Egyptian Paste	1
ART 168	Art Glass: Stained and Fused	3
ART 194	Wheel Thrown Ceramics [H]	3

[1] Another General Education Science with Lab will be accepted.
[2] Courses must be from two different disciplines.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(15-16 credits)
EGL 101	Freshman Composition
MAT	Math Elective
ART 101	Fundamentals of Design
ART 130	Drawing I
ART 160	Beginning Ceramics
Spring I	**(16-17 credits)**
ART 140	Painting I
ART/HST 141 or ART 150	Survey of Art History Art Appreciation and Museum Studies
CHM 109	Chemistry and Art
EGL 102	Composition and Literature
ART 180 or VCP 101	Basic Photography Photography I
Fall II	**(12-19 credits)**
ART	Program Elective
ART	Program Elective
ART 161 or ART 167	Ceramics/Japanese Raku Ceramics/Japanese Raku
ART 260	Intermediate Ceramics
ART	Program Elective
SCI	Lab Science Elective
SOC SCI	Social Science Elective
Spring II	**(16-17 credits)**
ART	Program Elective
ART 261	Advanced Ceramics
ART 293	Professional Portfolio Production
ART 169	Ceramics/Majolica Glaze Painting
SOC SCI	Social Science Elective

Career Opportunities

Fine artist, art instructor, art director, ceramicist, designer, master craftsperson, art consultant, industrial designer, restorer, conservator, model or mold maker, studio technician, gallery director, curator.

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Arts and Sciences Transfer – Arts Option – Drawing/Painting

Award: Associate of Art
Degree Code: ADPZ
Number of Credits: 67-70

Program Description

This program option prepares students for transfer to a four-year institution to pursue a BA in Art or a Bachelor of Fine Arts Degree. Students will create an artistic portfolio of work to transfer, seek initial employment or to develop skills in the following areas: art and design, art education, arts administration, illustration, fine arts production, exhibition and sales.

The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ART 101	Fundamentals of Design [H]	3
ART 130	Drawing I [H]	3
ART/HST 141 or ART 150	Survey of Art History [H/I] Art Appreciation and Museum Studies [H]	3
CHM 109	Chemistry and Art[1] [SL]	4
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT	Math Elective [M]	3-4
SCI	Science Elective [S/SL]	3-4
SOC SCI	Social Science Electives[2] [SS]	6

Program Requirements

Number	Title	Credits
ART 105	Illustration, Materials and Techniques	3
ART 110	Color [H]	3
ART 140	Painting I [H]	3
ART 152 or ART 160	Sculpture [H] Beginning Ceramics [H]	3
ART 180 or VCP 101	Basic Photography [H] Photography I	3-4
ART 230 or ART 240	Drawing II [H] Painting II [H]	3
ART 231 or ART 232	Portrait Drawing Figure Drawing	3
ART 293	Professional Portfolio Production	3

Program Electives – Select 12 Credits

Number	Title	Credits
ART 132	Landscape and Nature Drawing	3
ART 141	Survey of Art History [H]	3
ART 142	Landscape and Nature Painting	3
ART 150	Art Appreciation and Museum Studies [H]	3
ART 152	Beginning Sculpture [H]	3
ART 160	Beginning Ceramics [H]	3
ART 169	Ceramics/Majolica Glaze Painting	3
ART 230	Drawing II [H]	3
ART 231	Portrait Drawing	3
ART 232	Figure Drawing	3
ART 240	Painting II [H]	3
ART 241	Portrait Painting	3
ART 272	Silk Screening	3

[1] Another General Education Science with Lab will be accepted.
[2] Courses must be from two different disciplines.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(18-19 credits)
ART	Program Elective
ART 101	Fundamentals of Design
ART 105	Illustration, Materials and Techniques
ART 130	Drawing I
EGL 101	Freshman Composition
MAT	Math Elective
Spring I	**(16 credits)**
ART 110	Color
ART 140	Painting I
ART 152 or ART 160	Sculpture Beginning Ceramics
Fall II	**(18-19 credits)**
ART	Program Elective
ART	Program Elective
ART/HST 141 or ART 150	Survey of Art History Art Appreciation and Museum Studies
ART 230 or ART 240	Drawing II Painting II
SCI	Science Elective
SOC SCI	Social Science Elective
Spring II	**(15-16 credits)**
ART	Program Elective
ART 293	Professional Portfolio Production
ART 231 or ART 232	Portrait Drawing Figure Drawing
ART 180 or VCP 101	Basic Photography Photography I
SOC SCI	Social Science Elective

Career Opportunities

Fine artist, art instructor, art director, designer, illustrator, museum or gallery director, curator.

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Arts and Sciences Transfer – Arts Option – Graphic Design

Award: Associate of Arts
Degree Code: AGRZ
Number of Credits: 64-67

Program Description

This program option prepares students for transfer to a four-year institution to pursue a BA in Art or a Bachelor of Fine Arts Degree. Students will create an artistic portfolio of work to transfer, seek initial employment or to develop skills in the following areas: graphic design, digital art, art education, arts administration, fine arts production, exhibition and sales.

The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ART 101	Fundamentals of Design [H]	3
ART 130	Drawing I [H]	3
ART/HST 141 or ART 150	Survey of Art History [H/I] Art Appreciation and Museum Studies [H]	3
CHM 109	Chemistry and Art[1] [SL]	4
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT	Math Elective [M]	3-4
SCI	Science Elective [S/SL]	3-4
SOC SCI	Social Science Electives[2] [SS]	6

Program Requirements

Number	Title	Credits
ART 110	Color [H]	3
ART 140	Painting I [H]	3
ART 152 or ART 160 or ART 201	Beginning Sculpture [H] Beginning Ceramics [H] Three-Dimensional Design [H]	3
ART 293	Professional Portfolio Production	3
VCP 101	Photography I	4
VCP 116	Digital Imaging I	2
VCP 117	Digital Imaging II	2
VCP 118	Digital Imaging III	4

Program Electives - Select 9-10 Credits

Number	Title	Credits
ART 105	Illustration, Materials and Techniques	3
ART 152	Beginning Sculpture [H]	3
ART 160	Beginning Ceramics [H]	3
ART 150	Art Appreciation and Museum Studies [H]	3
ART 201	Three-Dimensional Design [H]	3
ART 169	Ceramics/Majolica Glaze Painting	3
ART 272	Silk Screening	3
ART 231	Portrait Drawing	3
ART 232	Figure Drawing	3
VCP 119	Digital Imaging IV	4

[1] Another General Education Science with Lab will be accepted.
[2] Courses must be from two different disciplines.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(16 credits)
ART 101	Fundamentals of Design
ART 130	Drawing I
EGL 101	Freshman Composition
SOC SCI	Social Science Elective
VCP 101	Photography I
Spring I	**(16-17 credits)**
ART 140	Painting I
ART 152 or ART 160 or ART 201	Sculpture Beginning Ceramics Three-Dimensional Design
EGL 102	Composition and Literature
MAT	Math Elective
VCP 116	Digital Imaging I
VCP 117	Digital Imaging II
Fall II	**(16-17 credits)**
ART	Program Elective
ART/HST 141 or ART 150	Survey of Art History Art Appreciation and Museum of Studies
SCI	Lab Science Elective
VCP 118	Digital Imaging III
Spring II	**(16-17 credits)**
ART	Program Elective
ART	Program Elective
ART 293	Professional Portfolio Production
CHM 109	Chemistry and Art
SOC SCI	Social Science Elective

Career Opportunities

Graphic design, graphic design assistant, digital artist, layout and production technician, art instructor, art director, exhibitions designer, multi-media specialist, photographer.

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Art and Design

Award: Associate of Fine Arts
Degree Code: AFAD
Number of Credits: 60

Program Description

The Associate of Fine Arts degree in Art and Design provides the foundation coursework and studio expertise that parallels the first two years of a Bachelor of Fine Arts degree (BFA) in Art and Design, the professional degree in the Art and Design field. Upon completion of the A.F.A, students will have created an artistic portfolio of work to transfer to a college, university or art school. The program prepares students with an intensive studio-based curriculum stressing the development of artistic techniques and critical thinking skills. Students study a variety of art disciplines preparing them for continued study in Art and Design leading to careers in the following fields: fine art, art education, art therapy, graphic design, curatorial studies, advertising, fashion design, and interior design. Students may concentrate their studies in subjects including animation, ceramics, digital art, drawing, graphic design, illustration, painting, photography, printmaking or sculpture. Students should consult with art faculty early in their academic program to determine which electives will best meet their needs.

The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ART 101	Fundamentals of Design [H]	3
ART 141	Survey of Art History [H]	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT	Math Elective [M]	3
PSY 101 or SOC 101	Introduction to Psychology [SS] Introduction to Sociology[SS]	3
SCI	Science Elective with Lab [S/SL]	4

Program Requirements

Number	Title	Credits
ART 130	Drawing I [H]	3
ART 140	Painting I [H]	3
ART 160	Beginning Ceramics [H]	3
ART 201	Three-Dimensional Design [H]	3
VCP 116	Digital Imaging I	2
VCP 117	Digital Imaging II	2
ART 230	Drawing II [H]	3
ART 242	Survey of Modern Art History [H]	3
ART 293	Professional Portfolio Production	3
ART/VCP	Studio Electives [1]	13

[1] Students should work with art faculty and an advisor to identify a transfer institution or art focus before selecting electives.

Studio Electives

Choose 13 credits from the following studio electives. Studio electives may be selected from any of the Studio Elective categories in order to meet the needs of your area(s) of concentration. The courses listed within each category are recommended for that particular course of study. It is also recommended that you work with art faculty to identify a transfer institution and art focus that best suits your needs before selecting electives.

Ceramics and Sculpture Studio Electives		
ART 152	Sculpture I	3
ART 182	Sculpture II	3
ART 260	Intermediate Ceramics	3
ART 261	Advanced Ceramics	3
ART 167	Ceramics Japanese Raku	3
ART 179	Surface Design for Ceramics	3
ART 194	Wheel-Thrown Ceramics	3
ART 196	Wheel-Thrown Ceramics II	3
ART 296	Wheel-Thrown Ceramics III	3
Fine Arts Studio Electives		
ART 105	Illustration, Materials and Techniques	3
ART 110	Color [1]	3
ART 150	Art Appreciation and Museum Studies	3
ART 183	Digital Illustration I	4
ART 231	Portrait Drawing	3
ART 232	Figure Drawing	3
ART 240	Painting II	3
Digital Arts and Graphic Design Studio Electives		
ART 105	Illustration, Materials and Techniques	3
ART 110	Color [1]	3
ART 180	Basic Photography	3
ART 183	Digital Illustration I	4
ART 232	Figure Drawing	3
ART 152	Sculpture	3
VCP 101	Photography I	4
VCP 118	Digital Imaging III	4
VCP 119	Digital Imaging IV	4
VCP 136	Multimedia Production I	4
VCP 230	Graphic Design Studio	4
Photography Studio Electives		
ART 110	Color [1]	3
ART 180	Basic Photography	3
ART 183	Digital Illustration I	4

[1] ART 110 Color is recommended for all concentrations

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Arts and Sciences Transfer – Biology

Award: Associate of Science
Degree Code: ASBS
Number of Credits: 66-68

Program Description

This program option offers a selection of biology and other natural and physical science related courses for students wishing to pursue a program of study in biology. This basic transfer program comprises the first two years of a baccalaureate degree in biology. This option is also appropriate for students seeking pre-med, pre-dental, and pre-pharmaceutical degrees.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
ARTS/HUM	Arts and Humanities Electives [H]	6
BIO or ENV	Biology or Environmental Science Electives[1] [SL]	8
BIO 130 and BIO 131	Principles of Biology I [S] Principles of Biology I Lab	3 1
BIO 132 and BIO 133	Principles of Biology II [S] Principles of Biology II Lab	3 1
CHM 103 and CHM 113	General Chemistry I [S] General Chemistry I Lab	3 1
CHM 104 and CHM 114	General Chemistry II [S] General Chemistry II Lab	3 1
CHM 203 or PHY 181 or PHY 207	Organic Chemistry I with Lab Introductory College Physics I with Lab [SL] General Physics I with Lab [SL]	4-5
CHM 204 or PHY 182 or PHY 208	Organic Chemistry II with Lab Introductory College Physics II with Lab [SL] General Physics II with Lab [SL]	4-5
CIS 101	Introduction to Computer Concepts [I]	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT	Math Elective [M] (Select from MAT 121, 127 or 201)	4
MAT	Math Elective [M] (Select from MAT 127, 201 or 202)	4
SOC SCI	Social Science Electives[2] [SS]	6
SPH 141	Public Speaking [H]	3

[1] Student may not select BIO101 and BIO111, BIO208 and BIO218, or BIO209 and BIO219.
[2] Courses must be from two different disciplines.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(18 credits)
EGL 101	Freshman Composition
BIO 130 and BIO 131	Principles of Biology I Principles of Biology I Lab
CHM 103 and CHM 113	General Chemistry I General Chemistry I Lab
MAT	Math Elective (Select from MAT121, 127 or 201)
CIS 101	Introduction to Computer Concepts
Spring I	**(16-17 credits)**
EGL 102	Composition and Literature
MAT	Math Elective (Select from MAT127, 201 or 202)
BIO 132 and BIO 133	Principles of Biology II Principles of Biology II Lab
CHM 104 and CHM 114	General Chemistry II General Chemistry II Lab
ACT	Activity Elective(s)
Fall II	**(15-16 credits)**
BIO or ENV	Biology or Environmental Science Elective
CHM 203 or PHY 181 or PHY 207	Organic Chemistry I with Lab Introductory College Physics I with Lab General Physics I with Lab
SPH 141	Public Speaking
SOC SCI	Social Science Elective
ACT	Activity Elective
Spring II	**(17-18 credits)**
BIO or ENV	Biology or Environmental Science Elective
CHM 204 or PHY 182 or PHY 208	Organic Chemistry II with Lab Introductory College Physics II with Lab General Physics II with Lab
SOC SCI	Social Science Elective
ARTS/HUM	Arts and Humanities Elective
ARTS/HUM	Arts and Humanities Elective

Career Opportunities

Research and development, laboratory testing, teaching, medicine, dentistry and pharmacy.

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Business and Commerce Technology – Accounting Option

Award: Associate of Applied Science
Degree Code: BCAZ
Number of Credits: 67

Program Description

This program option is designed to prepare students for initial employment and career advancement in the field of accounting in small business as well as medium and larger size businesses. Successful completers of the program will be trained to handle and record routine data and transactions as well as prepare statements and analyze various types of data.

Transfer Information

Cecil College has articulation agreements with Goldy-Beacom College as well as other Maryland and regional institutions. Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
ACC 101	Accounting I	3
ACC 102	Accounting II	3
BUS 103	Introduction to Business	3
BUS 111	Business Communications	3
BUS 131	Principles of Management	3
BUS 187	Business Ethics	3
ACC 203	Tax Accounting	3
BUS 210	Business Law	3
ACC 201	Accounting III	3
ACC 202	Accounting IV	3
ACC 205	Business Spreadsheet Applications	3
BUS 289	Business Practicum	3
CIS 101	Introduction to Computer Concepts [I]	3
ECO 221	Economics – Micro [SS]	3
ECO 222	Economics – Macro [SS]	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT	Math Elective [M] (Select from MAT 121, 128, 127 or 201)	4
PSY or SOC	Psychology Elective [SS] Sociology Elective [SS]	3
SCI	Lab Science Elective [S/SL]	4
SPH 121	Interpersonal Communications [H]	3

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(16-17 credits)
EGL 101	Freshman Composition
BUS 103	Introduction to Business
ACC 101	Accounting I
CIS 101	Introduction to Computer Concepts
PSY or SOC	Psychology Elective Sociology Elective
ACT	Activity Elective
Spring I	**(17-18 credits)**
MAT	Math Elective (Select from MAT121, 127, 128 or 201)
ACC 102	Accounting II
EGL 102	Composition and Literature
ACT	Activity Elective
BUS 111	Business Communications
BUS 187	Business Ethics
Fall II	**(17 credits)**
ECO 222	Economics – Macro
SCI	Lab Science Elective
ACC 201	Accounting III
ACC 203	Tax Accounting
BUS 131	Principles of Management
Spring II	**(16 credits)**
ACC 202	Accounting IV
BUS 210	Business Law
ACC 205	Business Spreadsheet Applications
SPH 121	Interpersonal Communications
ECO 221	Economics – Micro
BUS 289	Business Practicum

Career Opportunities

Tax planning and compliance, auditing, cost accounting, banking and lending, financial consulting.

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Business Administration Transfer

Award: Associate of Arts
Degree Code: BAAD
Number of Credits: 66-67

Program Description

This program is designed to provide the first two years of study for business students intending to transfer to a four-year college or university. Students electing this program should consult early in the program with an academic advisor.

Transfer Information

Cecil College has articulation agreements with Goldey-Beacom College as well as other Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ACT	Activity Electives	2
ARTS/HUM	Arts and Humanities Electives [H]	3
CIS 101	Introduction to Computer Concepts [I]	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
HST	History Electives [H]	6
MAT	Math Elective [M] (Select from MAT 121, 128, 201, 202 or 203)	8
MAT 127	Introduction to Statistics [M]	4
PSY 101	Introduction to Psychology [SS]	3
SCI	Science Electives[1] [S/SL]	7-8
SOC SCI	Social Science Electives [SS]	3

Program Requirements

Number	Title	Credits
ACC 101	Accounting I	3
ACC 102	Accounting II	3
BUS 103	Introduction to Business	3
BUS 187	Business Ethics	3
ECO 221	Economics - Micro [SS]	3
ECO 222	Economics - Macro [SS]	3
SPH 121 or SPH 141	Interpersonal Communications [H] Public Speaking [H]	3

[1] One course must have a BIO designation; the other course must have a designation of AST, CHM, ENV, PSC, or PHY. At least one course must include a corresponding lab.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(16-17 credits)
EGL 101	Freshman Composition
BUS 103	Introduction to Business
ACC 101	Accounting I
CIS 101	Introduction to Computer Concepts
PSY 101	Introduction to Psychology
ACT	Activity Elective(s)
Spring I	**(17 credits)**
SPH 121 or SPH 141	Interpersonal Communications Public Speaking
MAT 127	Introduction to Statistics
ECO 222	Economics - Macro
ACC 102	Accounting II
EGL 102	Composition and Literature
ACT	Activity Elective
Fall II	**(16-17 credits)**
ECO 221	Economics - Micro
SCI	Science Elective
ARTS/HUM	Arts and Humanities Elective
MAT	Math Elective (Select from MAT121, 128, 201, 202 or 203)
SOC SCI	Social Science Elective
Spring II	**(16-17 credits)**
MAT	Math Elective (Select from MAT121, 128, 201, 202 or 203)
SCI	Science Elective
HST	History Elective
HST	History Elective
BUS 187	Business Ethics

Career Opportunities

Accountant, banking, consultant, human resources, all areas of education, government, private business and retail.

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Business and Commerce Technology – Leadership and Management Option

Award: Associate of Applied Science
Degree Code: BLMZ
Number of Credits: 65

Program Description

This program option is designed for the working adult who wants to earn an undergraduate degree in an accelerated format while continuing to work full or part-time. This degree option prepares students in the field of leadership and management in small business as well as medium and large size business. The accelerated program combines theory and practice through classroom, on-line, and guided experiential experiences in a cohort learning model.

Students who plan to enroll in the Leadership and Management Option must be college-ready at the time of admission. For accelerated studies, college-ready is defined as placing into English 101 (EGL101) and Intermediate Algebra (MAT093) on the skills assessments. Additional information on accelerated programs can be obtained from the Admissions Office (admissions@cecil.edu) or designated academic advisors.

Transfer Information

Cecil College has an articulation agreement with Wilmington University. Students satisfactorily completing the Associate of Applied Science – Leadership and Management Option degree at Cecil College are guaranteed admission to Wilmington University's Leadership and Management program and will receive a $3000 scholarship.

Cecil College has articulation agreements with Maryland and other regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
BUS 103	Introduction to Business	3
BUS 131	Principles of Management	3
BUS 187	Business Ethics	3
BUS 191	Introduction to Finance	3
BUS 216	Organizational Leadership	3
BUS 231	Management of Human Resources	3
BUS 234	Team Building Experiential Learning	3
BUS 235	Applied Technology Experiential Learning	3
BUS 236	Finance Experiential Learning	3
BUS 237	International Economics Experiential Learning	3
BUS 238	Human Resources Experiential Learning	3
BUS 239	Process Improvement Experiential Learning	3
BUS 240	Strategic Planning Experiential Learning	3
EGL 101	Freshman Composition [E]	3
EGL 211	Technical Writing	3
MAT 127	Introduction to Statistics [M]	4
CIS 101	Introduction to Computer Concepts [I]	3
ECO 222	Economics - Macro [SS]	3
PSY 222	Organizational Psychology	3
SCI	Lab Science Elective [S/SL]	4
SPH 141	Public Speaking [H]	3

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Session I	(9 credits)
EGL 101	Freshman Composition
BUS 103	Introduction to Business
BUS 234	Team Building Experiential Learning
Session II	(9 credits)
SPH 141	Public Speaking
CIS 101	Introduction to Computer Concepts
BUS 235	Applied Technology Experiential Learning
Session III	(9 credits)
BUS 131	Principles of Management
BUS 231	Management of Human Resources
BUS 238	Human Resources Experiential Learning
Session IV	(10 credits)
MAT 127	Introduction to Statistics
BUS 187	Business Ethics
BUS 239	Process Improvement Experiential Learning
Session V	(9 credits)
ECO 222	Economics - Macro
BUS 216	Organizational Leadership
BUS 237	International Economics Experiential Learning
Session VI	(9 credits)
BUS 191	Introduction to Finance
EGL 211	Technical Writing
BUS 236	Finance Experiential Learning
Session VII	(10 credits)
PSY 222	Organizational Psychology
SCI	Lab Science Elective
BUS 240	Strategic Planning Experiential Learning

Career Opportunities

Production management, human resources, office management, entrepreneur, office systems.

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Management

Award: Associate of Applied Science
Degree Code: BCMR
Number of Credits: 60

Program Description

The Associate of Applied Science in Management is designed to prepare students for entry and career advancement in various management areas including finance, wholesaling and manufacturing, as well as non profit and government offices.

Transfer Information

Cecil College has articulation agreements with Goldey-Beacom College as well as other Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [E]	3
MAT	Math Elective [M] (Select from MAT 121, 128, 127 or 201)	4
ELECT	Elective	1
PSY or SOC	Psychology Elective [SS] Sociology Elective [SS]	3
SCI	Lab Science Elective [SL]	4
SPH 121 or SPH 141	Interpersonal Communications [H] Public Speaking [H]	3

Program Requirements

Number	Title	Credits
ACC 101	Accounting I	3
ACC 102	Accounting II	3
BUS 103	Introduction to Business	3
BUS 111	Business Communications	3
BUS 131	Principles of Management	3
BUS 187	Business Ethics	3
BUS 210	Business Law	3
BUS 212	Principles of Marketing	3
BUS 216	Organizational Leadership	3
BUS 231	Management of Human Resources	3
CIS 101	Introduction to Computer Concepts [I]	3
ECO 221	Economics - Micro [SS]	3
ECO 222	Economics - Macro [SS]	3

Program Electives - Select 6 Credits

Number	Title	Credits
BUS 216	Organizational Leadership	3
BUS 231	Management of Human Resources	3
BUS 244	Organizational Behavior	3

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(15 credits)
EGL 101	Freshman Composition
BUS 103	Introduction to Business
ACC 101	Accounting I
CIS 101	Introduction to Computer Concepts
PSY or SOC	Psychology Elective Sociology Elective
Spring I	**(16 credits)**
MAT	Math Elective (Select from MAT 121, 127, 128 or 201)
EGL 102	Composition and Literature
BUS 111	Business Communications
BUS 187	Business Ethics
ACC 102	Accounting II
Fall II	**(17 credits)**
ECO 222	Economics - Macro
SCI	Lab Science Elective
BUS 131	Principles of Management
BUS 212	Principles of Marketing
BUS 216 or BUS 231 or BUS 244	Organizational Leadership Management of Human Resources Organizational Behavior
ELECT	Elective
Spring II	**(12 credits)**
BUS 210	Business Law
ECO 221	Economics - Micro
BUS 216 or BUS 231 or BUS 244	Organizational Leadership Management of Human Resources Organizational Behavior
SPH 121 or SPH 141	Interpersonal Communications Public Speaking

Career Opportunities

Purchasing manager, store manager, branch manager, department manager and sales representative, production planner, and personnel coordinator.

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Business and Commerce Technology – Marketing

Award: Associate of Applied Science
Degree Code: BCMK
Number of Credits: 69

Program Description

This program will prepare students for entry into and career advancement in the field of Marketing. The Marketing program addresses identification of customer needs as well as how to communicate information about products and services to customers and potential customers. Additionally, this degree addresses the pricing of products and services, and response to growing markets in different countries and cultures.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
CIS 101	Introduction to Computer Concepts [I]	3
ECO 221	Economics - Micro [SS]	3
ECO 222	Economics - Macro [SS]	3
EGL 101	Freshman Composition [E]	3
EGL 211	Technical Writing	3
MAT 127	Introduction to Statistics [M]	4
PSC 105	General Physical Science with Lab [SL]	4
PSY 222	Organizational Psychology	3
SPH 121	Interpersonal Communications [H]	3

Program Requirements

Number	Title	Credits
ACC 101	Accounting I	3
BUS 103	Introduction to Business	3
BUS 111	Business Communications	3
BUS 131	Principles of Management	3
BUS 187	Business Ethics	3
BUS 207	Introduction to Public Relations	3
BUS 210	Business Law	3
BUS 212	Principles of Marketing	3
BUS 216	Organizational Leadership	3
BUS 242	Advertising	3
BUS 243	Personal Selling	3
BUS 244	Organizational Behavior	3
VCP 116	Digital Imaging I	2
VCP 117	Digital Imaging II	2

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(16 credits)
BUS 103	Introduction to Business
CIS 101	Introduction to Computer Concepts
EGL 101	Freshman Composition
SPH 121	Interpersonal Communications
VCP 116	Digital Imaging I
VCP 117	Digital Imaging II
Spring I	**(16 credits)**
BUS 131	Principles of Management
BUS 207	Introduction to Public Relations
BUS 212	Principles of Marketing
EGL 211	Technical Writing
MAT 127	Introduction to Statistics
Fall II	**(19 credits)**
ACC 101	Accounting I
BUS 111	Business Communications
BUS 187	Business Ethics
BUS 242	Advertising
ECO 222	Economics - Macro
PSC 105	General Physical Science with Lab
Spring II	**(18 credits)**
BUS 210	Business Law
BUS 216	Organizational Leadership
BUS 244	Organizational Behavior
BUS 243	Personal Selling
ECO 221	Economics - Micro
PSY 222	Organizational Psychology

Career Opportunities

Marketing specialist, marketing coordinator, marketing assistant, public relations specialist.

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Arts and Sciences Transfer – Chemistry Option

Award: Associate of Science
Degree Code: ASCS
Number of Credits: 64

Program Description

This program option offers a selection of chemistry and other natural and physical science related courses for students wishing to pursue a program of study in chemistry. This basic transfer program option comprises the first two years of a baccalaureate degree in science. The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
ARTS/HUM	Arts and Humanities Electives [H]	6
BIO 101 and BIO 111 or BIO 130 and BIO 131	General Biology I [S] General Biology Lab II Principles of Biology I [S] Principles of Biology I Lab	3 1
CHM 103 and CHM 113	General Chemistry I [S] General Chemistry I Lab	3 1
CHM 104 and CHM 114	General Chemistry II [S] General Chemistry II Lab	3 1
CHM 203	Organic Chemistry I with Lab	4
CHM 204	Organic Chemistry II with Lab	4
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
HEA 130	Healthful Living [I]	3
MAT 201	Calculus I with Analytic Geometry [M]	4
MAT 202	Calculus II with Analytic Geometry [M]	4
PHY 207	General Physics I with Lab [SL]	5
PHY 208	General Physics II with Lab [SL]	5
SOC SCI	Social Science Electives[1] [SS]	6
SPH 121 or SPH 141	Interpersonal Communications [H] Public Speaking [H]	3

[1] Courses must be from two different disciplines.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(15 credits)
CHM 103 and CHM 113	General Chemistry I General Chemistry I Lab
BIO 101 and BIO 111 or BIO 130 and BIO 131	General Biology General Biology Lab Principles of Biology I Principles of Biology I Lab
EGL 101	Freshman Composition
MAT 201	Calculus I with Analytic Geometry
Spring I	**(17 credits)**
CHM 104 and CHM 114	General Chemistry II General Chemistry II Lab
EGL 102	Composition and Literature
MAT 202	Calculus II with Analytic Geometry
HEA 130	Healthful Living
ARTS/HUM	Arts and Humanities Elective
Fall II	**(16-17 credits)**
CHM 203	Organic Chemistry I with Lab
PHY 207	General Physics I with Lab
SPH 121 or SPH 141	Interpersonal Communications Public Speaking
SOC SCI	Social Science Elective
ACT	Activity Elective(s)
Spring II	**(16 credits)**
CHM 204	Organic Chemistry II with Lab
PHY 208	General Physics II with Lab
ACT	Activity Elective
SOC SCI	Social Science Elective
ARTS/HUM	Arts and Humanities Elective

Career Opportunities

Research and development, analysis and testing, forensics, consulting and quality control.

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Visual Communications – Communications Option

Award: Associate of Applied Science
Degree Code: PPCZ
Number of Credits: 66-68

Program Description

This program option prepares students for initial employment and career advancement in the following areas: photography, digital imaging, video production, graphic design, public relations, marketing, and sales representation. Students are prepared for transfer to the Corporate Communications Program at the University of Baltimore, as well as other four-year universities. The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ACT	Activity Electives	2
ARTS/HUM	Arts and Humanities Electives [H]	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
GEN ED	General Education Elective	3
MAT	Math Elective [M]	3-4
PSY or SOC	Psychology Elective [SS] Sociology Elective [SS]	3
SCI	Lab Science Elective [SL]	4

Program Requirements

Number	Title	Credits
VCP 101	Photography I	4
VCP 116	Digital Imaging I	2
VCP 117	Digital Imaging II	2
VCP 210	Video Production I	4
VCP 279 or VCP 289	Professional Portfolio Production Internship I	4

Program Electives
Group 1 - Select 8 Credits

Number	Title	Credits
VCP 111	Studio Photography I	4
VCP 118	Digital Imaging III	4
VCP 212	Video Production II	4
VCP 222	Photojournalism I	4
VCP 230	Graphic Design Studio	4

Program Electives[1]
Group 2 - Select 18-19 Credits

Number	Title	Credits
ART 101	Fundamentals of Design [H]	3
ART 105	Illustration, Materials and Techniques	3
ART 110	Color [H]	3
ART 130	Drawing I [H]	3
ART 140	Painting I [H]	3
ART 181	Introduction to Movie Making [H]	3
ART 183	Digital Illustration I	4
BUS 103	Introduction to Business	3
BUS 212	Principles of Marketing	3
CSC 111	Introduction to CADD	3
CSC 112	Intermediate CADD	3
CSC 160	Introduction to Data Communications	3
EGL 214	Introduction to Journalism	3
EGL 211	Technical Writing	3
EGL 213	Introduction to Film [H]	3
MUC 122	Music Appreciation [H]	3
SPH 121	Interpersonal Communications [H]	3
SPH 141	Public Speaking [H]	3
VCP 110	Portrait Photography	3
VCP 111	Studio Photography I	4
VCP 118	Digital Imaging III	4
VCP 119	Digital Imaging IV	4
VCP 120	Digital Imaging V	4
VCP 136	Multimedia Production I	4
VCP 151	Introduction to Game Design	4
VCP 211	Studio Photography II	4
VCP 212	Video Production II	4
VCP 214	Video Production III	4
VCP 215	Guerilla Filmmaking	4
VCP 218	Modeling and Animation I	4
VCP 222	Photojournalism	4
VCP 224	Nature and Wildlife Photography	4
VCP 230	Graphic Design Studio	4
VCP 233	Fictional Photography	4
VCP 296	Photography Seminar	4

[1] Major field electives are chosen to tailor the program of study to a specific career and/or transfer goals. It is strongly recommended that students receive approval from the program coordinator and related faculty in selecting appropriate courses.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(18–19 credits)
EGL 101	Freshman Composition
PSY or SOC	Psychology Elective Sociology Elective
VCP 101	Photography I
VCP 116	Digital Imaging I
VCP 117	Digital Imaging II
ARTS/HUM	Arts and Humanities Elective
ACT	Activity Elective(s)
Spring I	**(15–17 credits)**
VCP Electives	Group 1 - in consultation with VCP Director
EGL 102	Composition and Literature
ACT	Activity Elective(s)
Fall II	**(15–16 credits)**
VCP 210	Video Production I
VCP Electives	Group 2 - in consultation with VCP Director
MAT	Math Elective
Spring II	**(13–14 credits)**
VCP 279 or VCP 289	Professional Portfolio Production Internship I
VCP Electives	Group 2 - in consultation with VCP Director
SCI	Lab Science Elective
GEN ED	General Education Elective

Career Opportunities

Photography, digital imaging, video production, graphic design, public relations, marketing and sales.

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CIS – Computer Aided Drafting and Design Option

Award: Associate of Applied Science
Degree Code: CADZ
Number of Credits: 64-69

Program Description

This program option is designed to prepare students for entry-level positions in computer aided drafting and design. The student receives training on the latest CADD software, as well as training in CADDware systems and other related software programs.

Transfer Information

Cecil College has articulation agreements with Goldey-Beacom College as well as other Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ARTS/HUM	Arts and Humanities Elective [H]	3
EGL 101	Freshman Composition [E]	3
ELECT	Interdisciplinary and Emerging Issues Elective [I]	3
MAT	Math Elective [M]	3-4
MAT 121	Precalculus [M]	4
PHY 181 or PHY 207	Introductory College Physics I with Lab [SL] General Physics I with Lab [SL]	4 5
SOC SCI	Social Science Elective [SS]	3
SPH 121 or SPH 141	Interpersonal Communications [H] Public Speaking [H]	3

Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
CSC 273	CBWEP - College Based Work Experience Program[1]	3
CSC 103	Operating Systems	3
CSC 104	Computer Science Fundamentals [I]	3
CSC 110	Ethics in Information Technology [I]	3
CSC 111 and CSC 112 or PHE 120	Introduction to CADD Intermediate CADD AutoCADD Fundamentals for Engineers	3-6
CSC 114	CADDware Systems	3
CSC 224	Autolisp Programming	3
EGL 211	Technical Writing	3

Program Electives - Select 12 Credits

Number	Title	Credits
CSC 119	Computer Animation	3
CSC or GIS	Computer Science Elective Geographic Information Systems Elective	3
PHE 100	Introduction to Autodesk Inventor	3
PHE 110	Microstation	3
PHE 120	AutoCADD Fundamentals for Engineering	3
PHE 125	Introduction to AutoCADD Civil 3D	3
PHE 128	Introduction to REVIT Architecture	3
PHE 130	SolidWorks Fundamentals	3
PHE 140	PRO/Engineer/Creo Fundamentals	3
PHE 150	Excel for Engineers and Scientists	3
PHE 180	MATLab Fundamentals for Engineers	3
PHE 200	Introduction to Engineering Graphics	3

[1] The student must contact the CBWEP administrator one semester prior to enrolling for this course.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(15-19 credits)
CSC 104	Computer Science Fundamentals
CSC 111 and CSC 112 or PHE 120	Introduction to CADD Intermediate CADD AutoCADD Fundamentals for Engineers
EGL 101	Freshman Composition
MAT	Math Elective
SOC SCI	Social Science Elective
Spring I	**(18 credits)**
ARTS/HUM	Arts and Humanities Elective
CSC 103	Operating Systems
CSC 110	Ethics in Information Technology
EGL 211	Technical Writing
ELECT	Interdisciplinary and Emerging Issuses Elective
SPH 121 or SPH 141	Interpersonal Communications Public Speaking
Fall II	**(14-15 credits)**
ACT	Activity Elective
CSC 114	CADDware Systems
PHY 181 or PHY 207	Introductory College Physics with Lab General Physics I with Lab
CSC or GIS or PHE	Computer Science Electives Geographic Information Systems Electives Engineering Electives
Spring II	**(17 credits)**
ACT	Activity Elective
MAT 121	Precalculus
CSC 273	CBWEP - College Based Work Experience Program
CSC 224	Autolistp Programming
CSC or GIS or PHE	Computer Science Electives Geographic Information Systems Electives Engineering Electives

Career Opportunities

CAD operators may find employment in a variety of industries such as: construction, automotive, ship building and aerospace. Also consider industrial and architectural design, computer animation and advertising.

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Computer Information Systems – Programming Option

Award: Associate of Applied Science
Degree Code: CIPZ
Number of Credits: 65-66

Program Description

This program option is designed to give students a beginning knowledge of computer operating systems, networking, and data communications, as well as currently used programming languages.

Transfer Information

Cecil College has articulation agreements with Goldey-Beacom College as well as other Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
CSC 104	Computer Science Fundamentals [I]	3
CSC 110	Ethics in Information Technology [I]	3
EGL 101	Freshman Composition [E]	3
MAT	Math Elective [M]	3-4
SCI	Lab Science Elective [S/SL]	4
SOC SCI	Social Science Elective [SS]	3
SPH 121 or SPH 141	Interpersonal Communications [H] Public Speaking [H]	3

Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
CSC 103	Operating Systems	3
CSC	Computer Science Electives (any CSC course)	15
CSC 109	Introduction to Programming	3
CSC 140	Introduction to Networking	3
CSC 160	Introduction to Data Communications	3
CSC 201	Business Systems Analysis and Design	4
CSC 203 or CSC 204	Seminar in Information Systems	1
CSC 273	CBWEP - College Based Work Experience Program[1]	3
EGL 211	Technical Writing	3
VCP 144	Web Design I - Design Fundamentals	3

[1] The student must contact the CBWEP administrator one semester prior to enrolling for this course.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(18-19 credits)
CSC 103	Operating Systems
CSC 104	Computer Science Fundamentals
CSC 109	Introduction to Programming
EGL 101	Freshman Composition
MAT	Math Elective
SOC SCI	Social Science Elective
Spring I	**(17 credits)**
ACT	Activity Elective
CSC	Computer Science Elective (any CSC course)
CSC 110	Ethics in Information Technology
CSC 140	Introduction to Networking
EGL 211	Technical Writing
SCI	Lab Science Elective
Fall II	**(16 credits)**
ACT	Activity Elective
CSC	Computer Science Electives (any CSC course)
CSC 160	Introduction to Data Communications
VCP 144	Web Design I - Design Fundamentals
Spring II	**(14 credits)**
CSC	Computer Science Elective (any CSC course)
CSC 201	Business Systems Analysis and Design
CSC 203 or CSC 204	Seminar in Information Systems
CSC 273	CBWEP - College Based Work Experience Program
SPH 121 or SPH 141	Interpersonal Communications Public Speaking

Career Opportunities

Computer support, system maintenance and management, web development.

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Arts and Science Transfer – Computer Science

Award: Associate of Science
Degree Code: ASCC
Number of Credits: 63

Program Description

This program option prepares students to transfer to a four-year institution for continued study in computer science. Computer scientists apply techniques to work with industry, the government and academia to solve computational challenges. Students with bachelor's degrees in computer science continue their education in graduate school or enter the work force.

The computer literacy requirement will be met throughout the course work in the degree program

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ACT	Activity Electives	2
ARTS/HUM	Arts and Humanities Electives[1] [H]	3
BIO 101 and BIO 111 or BIO 130 and BIO 131	General Biology [S] General Biology Lab Principles of Biology I [S] Principles of Biology I Lab	3 1 3 1
CHM or PHY or PSC	Chemistry with Lab Elective [S/SL] Physics with Lab Elective [SL] Physical Science with Lab Elective [SL]	3-1 4 4
PHY 207	General Physics I with Lab [SL]	5
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT 201	Calculus I with Analytical Geometry [M]	4
SOC SCI	Social Science Electives[2] [SS]	6

Program Requirements

Number	Title	Credits
CSC 109	Introduction to Programming	3
CSC 205	Computer Science I	3
CSC 218	Computer Science II	4
MAT 202	Calculus II with Analytical Geometry [M]	4
MAT 236	Discrete Structures [M]	3
MAT 240	Introduction to Linear Algebra [M]	4
PHY 208	General Physics II with Lab [SL]	5
SPH 121 or SPH 141	Interpersonal Communications [H] Public Speaking [H]	3

[1] Selection may not include EGL designation.
[2] Courses must be from two different disciplines.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(14 credits)
BIO 101 and BIO 111 or BIO 130 and BIO 131	General Biology General Biology Lab Principles of Biology I Principles of Biology I Lab
CSC 109	Introduction to Programming
MAT 201	Calculus I with Analytic Geometry
EGL 101	Freshman Composition
Spring I	**(15 credits)**
CHM or PHY or PSC	Chemistry with Lab Elective Physics with Lab Elective Physical Science with Lab Elective
MAT 202	Calculus II with Analytic Geometry
EGL 102	Composition and Literature
SOC SCI	Social Science Elective
ACT	Activity Elective
Fall II	**(17 credits)**
CSC 205	Computer Science I
MAT 236	Discrete Structures
PHY 207	General Physics I with Lab
ARTS/HUM	Arts and Humanities Elective
SOC SCI	Social Science Elective
Spring II	**(17 credits)**
CSC 218	Computer Science II
MAT 240	Introduction to Linear Algebra
PHY 208	General Physics II with Lab
SPH 121 or SPH 141	Interpersonal Communications Public Speaking
ACT	Activity Elective

Career Opportunities

Animator, computer aided designer, computer programmer, database analyst, software engineer, software developer, systems analyst.

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Criminal Justice

Award: Associate of Applied Science
Degree Code: CJRP
Number of Credits: 60

Program Description

The Criminal Justice program is focused toward the professional and educational needs of students interested in careers in criminal justice and toward current criminal justice personnel who desire to increase their proficiency or to improve their professional career opportunities.

The computer literacy requirement will be met throughout the coursework in the degree program.

Note: All previous coursework in Criminal Justice Corrections and Criminal Justice Law Enforcement will be applied to the Criminal Justice degree requirements.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
BIO or CHM or PHY	Biology, Chemistry, or Physics Science Elective with Lab [S/SL]	4
EGL 101	Freshman Composition [E]	3
EGL 211	Technical Writing	3
HST 202	History of the United States II (reconstruction to present) [H]	3
MAT 127	Introduction to Statistics [M]	4
PSY 101	Introduction to Psychology [SS]	3
SOC 101	Introduction to Sociology [SS]	3
SPH 141	Public Speaking [H]	3
SPN 101	Beginning Spanish I [H]	3

Program Requirements

Number	Title	Credits
CRJ 101	Introduction to the Criminal Justice System	3
CRJ 105	Introduction to Corrections	3
CRJ 110	Police Community Relations	3
CRJ 201	Criminal Investigation	3
CRJ 205	Criminal Law	3
CRJ 211	Probation, Parole, and Community Corrections	3
CRJ 214	Delinquency and Juvenile Justice	3
CRJ 221	Criminology	3
CRJ 299	Criminal Justice Externship	3
PHI 201	Ethics - Contemporary Moral Issues [H]	3
PED	Physical Education Elective	1

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Criminal Justice – Corrections

Award: Associate of Applied Science
Degree Code: CJCD
Number of Credits: 65

Program Description

The Criminal Justice - Corrections program addresses the professional and educational needs of individuals interested in careers in corrections and of personnel already employed in the field who desire to increase their proficiency or to improve their professional career opportunities.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
EGL 101	Freshman Composition [E]	3
EGL 211	Technical Writing	3
POS 101	Introduction to Political Science [SS]	3
HST 202	History of the United States II (reconstruction to present) [H]	3
MAT 127	Introduction to Statistics [M]	4
PHI 201	Ethics - Contemporary Moral Issues [H]	3
PSY 101	Introduction to Psychology [SS]	3
SCI	Science Elective with Lab [SL]	4
SOC 101	Introduction to Sociology [SS]	3
SPH 141	Public Speaking [H]	3

Program Requirements

Number	Title	Credits
CRJ 101	Introduction to the Criminal Justice System	3
CRJ 105	Introduction to Corrections	3
CRJ 125	Issues in Corrections	3
CRJ 205	Criminal Law	3
CRJ 206	Correctional Counseling	3
CRJ 211	Probation, Parole and Community Corrections in the United States	3
CRJ 214	Delinquency and Juvenile Justice	3
CRJ 221	Criminology	3
CRJ 235	Corrections Administration	3
CRJ 299	Criminal Justice Externship	3
PED 135	First Aid and CPR	3

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(15 credits)
EGL 101	Freshman Composition
CRJ 101	Introduction to the Criminal Justice System
CRJ 105	Introduction to Corrections
PED 135	First Aid and CPR
PSY 101	Introduction to Psychology
Spring I	**(18 credits)**
EGL 211	Technical Writing
CRJ 125	Issues in Corrections
CRJ 205	Criminal Law
CRJ 221	Criminology
SOC 101	Introduction to Sociology
SPH 141	Public Speaking
Fall II	**(16 credits)**
CRJ 206	Correctional Counseling
CRJ 214	Delinquency and Juvenile Justice
CRJ 235	Corrections Administration
MAT 127	Introduction to Statistics
POS 101	Introduction to Political Science
Spring II	**(16 credits)**
HST 202	History of the United States II (reconstruction to the present)
CRJ 211	Probation, Parole and Community Corrections in United States
PHI 201	Ethics - Contemporary Moral Problems
CRJ 299	Criminal Justice Externship
SCI	Science Elective with Lab

Career Opportunities

Law enforcement, probation officer, correctional institutions, parole officer, community correctional office, asset protection.

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Criminal Justice – Law Enforcement

Award: Associate of Applied Science
Degree Code: CJLE
Number of Credits: 68

Program Description

The Criminal Justice – Law Enforcement program is focused toward the professional and educational needs of students interested in careers in law enforcement and toward current law enforcement personnel who desire to increase their proficiency or to improve their professional career opportunities.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
BIO	Biology Elective [S/SL]	4
EGL 101	Freshman Composition [E]	3
EGL 211	Technical Writing	3
POS 101	Introduction to Political Science [SS]	3
HST 202	History of the United States II (reconstruction to present) [H]	3
MAT 127	Introduction to Statistics [M]	4
PHI 201	Ethics - Contemporary Moral Issues [H]	3
PSY 101	Introduction to Psychology [SS]	3
SOC 101	Introduction to Sociology [SS]	3
SPH 141	Public Speaking [H]	3

Program Requirements

Number	Title	Credits
CRJ 101	Introduction to the Criminal Justice System	3
CRJ 108	Police Supervision and Personnel Management	3
CRJ 110	Police Community Relations	3
CRJ 133	Forensic Science I	3
CRJ 233	Forensic Science II	3
CRJ 201	Criminal Investigation	3
CRJ 205	Criminal Law	3
CRJ 214	Delinquency and Juvenile Justice	3
CRJ 225	Police Organization and Administration	3
CRJ 221	Criminology	3
CRJ 299	Criminal Justice Externship	3
PED 135	First Aid and CPR	3

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(16 credits)
EGL 101	Freshman Composition
CRJ 101	Introduction to the Criminal Justice System
CRJ 221	Criminology
PSY 101	Introduction to Psychology
BIO	Biology Elective
Spring I	**(15 credits)**
EGL 211	Technical Writing
CRJ 225	Police Organization and Administration
CRJ 205	Criminal Law
CRJ 201	Criminal Investigation
SOC 101	Introduction to Sociology
SPH 141	Public Speaking
Fall II	**(19 credits)**
CRJ 108	Police Supervision and Personnel Management
CRJ 133	Forensic Science I
CRJ 214	Delinquency and Juvenile Justice
MAT 127	Introduction to Statistics
POS 101	Introduction to Political Science
PED 135	First Aid and CPR
Spring II	**(15 credits)**
CRJ 102	Police Community Relations
CRJ 233	Forensic Science II
CRJ 299	Criminal Justice Externship
PHI 201	Ethics - Contemporary Moral Issues
HST 202	History of the United States II (reconstruction to the present)

Career Opportunities

Law enforcement, probation officer, correctional institutions, parole officer, community correctional office, asset protection.

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Cyber Security

Award: Associate of Applied Science
Degree Code: ASCR
Number of Credits: 60

Program Description

The Cyber Security program option prepares students to transfer to a four-year institution for continued study in computer cyber security. Cyber security specialists apply computer security techniques to work with industry, government, and academia to solve computer networking and security related challenges. Students with bachelor's degrees in computer cyber security continue their education in graduate school or enter the workforce as a network, forensic, or computer security expert.

The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ARTS/HUM	Arts and Humanities Elective[1] [H]	3
BIO or PHY	Biology with Lab or Physics with Lab Electives [SL]	8
CSC 104	Computer Science Fundamentals [I]	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT 121	Precalculus [M]	4
PSY 101	Introduction to Psychology [SS]	3
SOC SCI	Social Science Elective[2] [SS]	3

Program Requirements

Number	Title	Credits
CSC 109	Introduction to Programming	3
CSC 140	Introduction to Networking[3]	3
CSC 141	Computer Network Security Fundamentals[3]	3
CSC 151	Introduction to Computer Forensics and Investigations[3]	3
CSC 225	Tactical Perimeter Defense	3
CSC 235	Strategic Infrastructure Security	3
CSC 258	Cisco Certified Network Associate[3]	4
PHE 185	DC, AC Circuits and devices	4
PHE 225	Digital Electronics and Instrumentation	4

[1] Selection may not include EGL designation.
[2] Courses must be from two different disciplines.
[3] Certification option courses.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(16 credits)
BIO or PHY	Biology with Lab or Physics with Lab Elective
EGL	Freshman Composition
CSC 104	Computer Science Fundamentals
CSC 109	introduction to Programming
PSY	Introduction to Psychology
Spring I	**(17 credits)**
BIO or PHY	Biology with Lab or Physics with Lab Elective
CSC 140	Introduction to Networking
EGL 102	Composition and Literature
MAT 121	Precalculus
SOC SCI	Social Science Elective
Fall II	**(13 credits)**
ART/HUM	Arts and Humanities Elective
CSC 141	Computer Network Security Fundamentals
CSC 151	Introduction to Computer Forensics and Investigations
PHE 185	DC, AC Circuits and Devices
Spring II	**(14 credits)**
CSC 225	Tactical Perimeter Defense
CSC 235	Strategic Infrastructure Security
CSC 258	Cisco Certified Network Associate

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Early Childhood Education

Award: Associate of Arts in Teaching
Degree Code: ECAT
Number of Credits: 67

Program Description

This degree provides the first two years of college for students preparing to become early childhood education teachers in the State of Maryland. It is designed for students desiring to transfer to a Maryland four-year college or university to earn a bachelor's degree in early childhood teacher education. This degree has been articulated with all of the transfer programs in early childhood education in the State of Maryland. To earn the AAT degree, students must graduate with a 2.75 GPA, pass the Praxis Core Academic Skills for Educations (CORE) test[1] (or an approved alternative test equivalency) and successfully complete a professional portfolio approved by the Director of Teacher Education.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
ART 195	Integrated Arts	3
BIO 101 and BIO 111	General Biology [S] General Biology Lab	3 1
EDU 131	Principles of Early Childhood Education	3
EDU 132	Early Childhood Curriculum and Methods	3
EDU 150	Classroom Management	3
EDU 202	Principles of Early Childhood - Field Experience	1
EDU 203	Early Childhood Curriculum and Methods - Field Experience	1
EDU 210	Processes and Acquisitions of Reading	3
EDU 251	Introduction to Exceptional Children and Youth[2]	3
EDU 253	Introduction to Exceptional Children and Youth - Field Experience	1
EDU 260 or EGL 260	Children's Literature Children's Literature [H]	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
HST 201 or HST 202	History of the United States (to reconstruction) [H] History of the United States II (reconstruction to present) [H]	3
MAT 127	Introduction to Statistics [M]	4
MAT 133	Mathematical Concepts and Structures I	4
MAT 134	Mathematical Concepts and Structures II	4
PSC 105	General Physical Science with Lab [SL]	4
PSY 101	Introduction to Psychology [SS]	3
PSY 203	Child Growth and Development	3
SOC 101	Introduction to Sociology [SS]	3
SPH 141	Public Speaking [H]	3

[1] The Praxis core Academic Skills for Educators (CORE) test should be taken after completing 45 credits. For more information about the Core test, students should contact the Director of Teacher Education or go to www.ets.org/praxis.

[2] The Introduction to Exceptional Children and Youth course required by Cecil College is a necessary requirement of the Teacher Education Program but may not be sufficient to meet all special education or inclusion course requirements for four-year teacher education programs. Students may be required to take additional special education or inclusion courses as a part of the requirements for a baccalaureate degree and teacher education certification at four-year institutions.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(17 credits)
EGL 101	Freshman Composition
MAT 133	Mathematical Concepts and Structures I
PSY 101	Introduction to Psychology
EDU 131	Principles of Early Childhood Education
EDU 202	Principles of Early Childhood - Field Experience
HST 201 or HST 202	History of the United States (to reconstruction) History of the United States II (reconstruction to the present)
Spring I	**(18 credits)**
EGL 102	Composition and Literature
MAT 134	Mathematical Concepts and Structures II
PSC 105	General Physics Science with Lab
EDU 132	Early Childhood Curriculum and Methods
EDU 203	Early Childhood Curriculum and Methods - Field Experience
SPH 141	Public Speaking
Fall II	**(16 credits)**
ACT	Activity Electives
BIO 101 and BIO 111	General Biology General Biology Lab
MAT 127	Introduction to Statistics
EDU 150	Classroom Management
PSY 203	Child Growth and Development
Spring II	**(16 credits)**
ART 195	Integrated Arts
EDU 210	Processes and Acquisitions of Reading
EGL 260 or EDU 260	Children's Literature Children's Literature
EDU 251	Introduction to Exceptional Children and Youth
EDU 253	Introduction to Exceptional Children and Youth - Field Experience
SOC 101	Introduction to Sociology

Career Opportunities

Child care center staffing, director of center, elementary teacher's assistant, family child care provider. Successful completers may continue their education and become teachers.

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Elementary Education

Award: Associate of Arts in Teaching
Degree Code: EEAT
Number of Credits: 64

Program Description

This degree provides the first two years of college for students preparing to become elementary teachers in the State of Maryland. It is designed for students desiring to transfer to a Maryland four-year college or university to earn a bachelor's degree in elementary teacher education. This degree has been articulated with all of the transfer programs in elementary education in the State of Maryland. To earn the AAT degree, students must graduate with a 2.75 GPA, pass the PRAXIS I Exam[1] (or an approved alternative test equivalency) and successfully complete a professional portfolio approved by the Director of Teacher Education.

The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
ART 195	Integrated Arts	3
BIO 101 and BIO 111	General Biology [S] General Biology Lab	3 1
EDU 101	Foundations of Education	3
EDU 102	Foundations of Education - Field Experience	1
EDU 207	Educational Psychology - Field Experience	1
EDU 210	Processes and Acquisitions of Reading	3
EDU 251	Introduction to Exceptional Children and Youth[2]	3
EDU 253	Introduction to Exceptional Children and Youth - Field Experience[2]	1
EDU 260 or EGL 260	Children's Literature Children's Literature [H]	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
GEO 101	Physical Geography [SS]	3
HST 201 or HST 202	History of the United States (to reconstruction) History of the United States II (reconstruction to present) [H]	3
MAT 127	Introduction to Statistics [M]	4
MAT 133	Mathematical Concepts and Structures I	4
MAT 134	Mathematical Concepts and Structures II	4
PSC 105	General Physical Science with Lab [SL]	4
PSY 101	Introduction to Psychology [SS]	3
PSY 203	Child Growth and Development	3
PSY 207	Educational Psychology	3
SPH 141	Public Speaking [H]	3

[1] The Praxis I Exam should be taken after completing 45 credits. For more information about the Praxis I Exam, students should contact the Director of Teacher Education or go to www.ets.org/praxis.

[2] The Introduction to Exceptional Children and Youth course required by Cecil College is a necessary requirement of the Teacher Education Program but may not be sufficient to meet all special education or inclusion course requirements for four-year teacher education programs. Students may be required to take additional special education or inclusion courses as a part of the requirements for a baccalaureate degree and teacher education certification at four-year institutions.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(14 credits)
EGL 101	Freshman Composition
MAT 133	Mathematical Concepts and Structures I
PSY 101	Introduction to Psychology
EDU 101	Introduction to Education
EDU 102	Introduction to Education - Field Experience
Spring I	**(17 credits)**
EGL 102	Composition and Literature
MAT 134	Mathematical Concepts and Structures II
EDU 251	Introduction to Exceptional Children and Youth
EDU 253	Introduction to Exceptional Children and Youth - Field Experience
HST 201 or HST 202	History of the United States (to reconstruction) History of the United States II (reconstruction to the present)
SPH 141	Public Speaking
Fall II	**(16 credits)**
ACT	Activity Electives
BIO 101 and BIO 111	General Biology General Biology Lab
EDU 210	Processes and Acquisitions of Reading
MAT 127	Introduction to Statistics
PSY 203	Child Growth and Development
Spring II	**(17 credits)**
ART 195	Integrated Arts
PSY 207	Educational Psychology
EDU 207	Educational Psychology - Field Experience
EGL 260 or EDU 260	Children's Literature Children's Literature
GEO 101	Physical Geography
PSC 105	General Physical Science with Lab

Career Opportunities

Elementary teacher, reading, specialist, resource teacher, camp director.

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Teacher Education Transfer – Elementary Education Option

Award: Associate of Arts
Degree Code: EEAD
Number of Credits: 63

Program Description

This degree option is designed to provide the first two years of college for students preparing to become elementary education teachers. The program is designed primarily for students desiring to transfer to an out-of-state four-year college or university to earn a bachelor's degree in teaching. Students earning the A.A. degree must graduate with a 2.75 GPA, pass the Praxis Core Academic Skills for Educators (CORE) test[1] (or an approved alternative test equivalency) and successfully complete a professional portfolio approved by the Director of Teacher Education. Changes in the program requirements at four-year institutions may affect the transferability of credits earned in the program.

The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
ART 195	Integrated Arts	3
ARTS/HUM	Arts and Humanities Elective [H]	3
BIO 101 and BIO 111	General Biology [S] General Biology Lab	3 1
EDU 101	Foundations of Education	3
EDU 102	Foundations of Education - Field Experience	1
EDU 210	Processes and Acquisitions of Reading	3
EDU 251	Introduction to Exceptional Children and Youth[2]	3
EDU 253	Introduction to Exceptional Children and Youth - Field Experience[2]	1
EDU 260 or EGL 260	Children's Literature Children's Literature [H]	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
GEO 101	Physical Geography [SS]	3
HST 201 or HST 202	History of the United States (to reconstruction) [H] History of the United States II (reconstruction to present) [H]	3
MAT 127	Introduction to Statistics [M]	4
MAT 133	Mathematical Concepts and Structures I	4
MAT 134	Mathematical Concepts and Structures II	4
PSC 105	General Physical Science with Lab [SL]	4
PSY 101	Introduction to Psychology [SS]	3
PSY 203	Child Growth and Development	3
SPH 141	Public Speaking [H]	3

[1] The Praxis Core Academic Skills for Educators (CORE) test should be taken after completing 45 credits. For more information about the Core test, students should contact the Director of Teacher Education or go to www.ets.org/praxis.

[2] The Introduction to Exceptional Children and Youth course required by Cecil College is a necessary requirement of the Teacher Education Program but may not be sufficient to meet all special education or inclusion course requirements for four-year teacher education programs. Students may be required to take additional special education or inclusion courses as a part of the requirements for a baccalaureate degree and teacher education certification at four-year institutions.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(13 credits)
EGL 101	Freshman Composition
PSY 101	Introduction to Psychology
EDU 101	Introduction to Education
EDU 102	Introduction to Education - Field Experience
ARTS/HUM	Arts and Humanities Elective
Spring I	**(18 credits)**
EGL 102	Composition and Literature
MAT 127	Introduction to Statistics
EDU 251	Introduction to Exceptional Children and Youth
EDU 253	Introduction to Exceptional Children and Youth - Field Experience
HST 201 or HST 202	History of the United States (to reconstruction) History of the United States II (reconstruction to the present)
PSC 105	General Physical Science with Lab
Fall II	**(16 credits)**
ACT	Activity Electives
BIO 101 and BIO 111	General Biology General Biology Lab
EDU 210	Processes and Acquisitions of Reading
MAT 133	Mathematical Concepts and Structures I
PSY 203	Child Growth and Development
Spring II	**(16 credits)**
ART 195	Integrated Arts
EGL 260 or EDU 260	Children's Literature Children's Literature
GEO 101	Physical Geography
MAT 134	Mathematical Concepts and Structures II
SPH 141	Public Speaking

Career Opportunities

Child care center staffing, director of center, elementary teacher's assistant, family child care provider.

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Outdoor Adventure Education

Award: Associate of Arts
Degree Code: EOAR
Number of Credits: 60

Program Description

This degree option is designed to provide the first two years of college for students preparing to become outdoor adventure education teachers in the public or private sector. The program requires students to attend some classes off campus and participate in field-based courses that may occur on weekends, over spring break, etc. Students earning the AA degree must graduate with a 2.75 GPA, pass the Praxis I Exam[1] (or an approved alternative test equivalency) and successfully complete a professional portfolio approved by the Director of Teacher Education.

The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
BIO 101 and BIO 111	General Biology [S] General Biology Lab	3 1
ENV 106 and ENV 116	Introduction to Environmental Sciences [S] Introduction to Environmental Sciences Lab	3 1
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
GEO 101	Physical Geography [SS]	3
HST 201 or HST 202	History of the United States (to reconstruction) [H] History of the United States II (reconstruction to present) [H]	3
MAT 127	Introduction to Statistics [M]	4
PSY 101	Introduction to Psychology [SS]	3
SPH 141	Public Speaking [H]	3

Program Requirements

Number	Title	Credits
EDU 101	Foundations of Education	3
EDU 102	Foundations of Education - Field Experience	1
EDU 145	Introduction to Outdoor Adventure Education	3
EDU 146	Introduction to Outdoor Adventure Education - Experimental Learning	1
EDU 147	Outdoor Adventure Education Program Planning	3
EDU 245	Outdoor Adventure Education Leadership	3
EDU 246	Wilderness Encounters	3
EDU 247	Wilderness First Responder	3
EDU 248	Ropes and Initiatives Facilitation	3
EDU 251	Introduction to Exceptional Children and Youth[2]	3
EDU 253	Introduction to Exceptional Children and Youth - Field Experience[2]	1
PSY 207	Educational Psychology	3

[1] The Praxis I Exam should be taken after completing 45 credits. For more information about the Praxis I Exam, students should contact the Director of Teacher Education or go to www.ets.org/praxis.

[2] The Introduction to Exceptional Children and Youth course required by Cecil College is a necessary requirement of the Teacher Education Program but may not be sufficient to meet all special education or inclusion course requirements for four-year teacher education programs. Students may be required to take additional special education or inclusion courses as a part of the requirements for a baccalaureate degree and teacher education certification at four-year institutions.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(14 credits)
EGL 101	Freshman Composition
MAT 127	Introduction to Statistics
PSY 101	Introduction to Psychology
EDU 101	Introduction to Education
EDU 102	Introduction to Education - Field Experience

Spring I	(16 credits)
SPH 141	Public Speaking
EGL 102	Composition and Literature
HST 201 or HST 202	History of the United States (to reconstruction) History of the United States II (reconstruction to the present)
EDU 147	Outdoor Adventure Education Program Learning
EDU 145	Introduction to Outdoor Adventure Education
EDU 146	Introduction to Outdoor Adventure Education - Experimental Learning

Fall II	(17 credits)
GEO 101	Physical Geography
BIO 101 and BIO 111	General Biology General Biology Lab
EDU 245	Outdoor Adventure Education Leadership
EDU 251	Introduction to Exceptional Children and Youth
EDU 253	Introduction to Exceptional Children and Youth - Field Experience
PSY 207	Educational Psychology

Spring II	(13 credits)
EDU 246	Wilderness Encounters
EDU 247	Wilderness First Responder
EDU 248	Ropes and Initiatives Facilitation
ENV 106 and ENV 116	Introduction to Environmental Science Introduction to Environmental Science Lab

Career Opportunities

School-based outdoor education programs, college recreation programs, adventure or wilderness therapy, environmental education. Adventure travel coordinator, athletic coach, recreation therapist, activities coordinator, youth counselor.

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Secondary Education

Award: Associate of Arts
Degree Code: ESER
Number of Credits: 60

Program Description

This degree option provides the first two years of college for students preparing to become secondary education teachers. To earn the A.A. degree, students must graduate with a 2.75 GPA pass the Praxis I Exam[1] (or an approved alternative test equivalency) and successfully complete a professional portfolio approved by the Director of Teacher Education. All students who enroll in this program should work closely with their advisor and the Director of Teacher Education. Changes in the program requirements at four-year institutions may affect the transferability of credits earned in the program.

The College's computer literacy requirement is met throughout the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
BIO 101 and BIO 111	General Biology [S] General Biology Lab	3 1
EDU 101	Foundations of Education	3
EDU 102	Foundations of Education - Field Experience	1
EDU 207	Educational Psychology - Field Experience	1
EDU 251	Introduction to Exceptional Children and Youth[3]	3
EDU 253	Introduction to Exceptional Children and Youth - Field Experience[2]	1
EGL 263	Teaching Reading in the Secondary Content Area, Part I	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
ELECT	Discipline Electives[4]	12
HST 201 or HST 202	History of the United States (to reconstruction) [H] History of the United States II (reconstruction to present) [H]	3
MAT	Math Elective [M]	3-4
PSC 105	General Physical Science with Lab [SL]	4
PSY 101	Introduction to Psychology [SS]	3
PSY 203	Child Growth and Development	3
PSY 207	Educational Psychology	3
SOC SCI	Social Science Elective[2] [SS]	3
SPH 141	Public Speaking [H]	3

[1] The Praxis I Exam should be taken after completing 45 credits. For more information about the Praxis I Exam, students should contact the Director of Teacher Education or go to www.ets.org/praxis.

[2] Social Science Elective must be a course designation other than PSY.

[3] The Introduction to Exceptional Children and Youth course required by Cecil College is a necessary requirement of the Teacher Education Program but may not be sufficient to meet all special education or inclusion course requirements for four-year teacher education programs. Students may be required to take additional special education or inclusion courses as a part of the requirements for a baccalaureate degree and teacher education certification at four-year institutions.

[4] Student should select four electives that relate to their intended area of concentration as a secondary level teacher.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(13 credits)
EDU 101	Introduction to Education
EDU 102	Introduction to Education - Field Experience
EGL 101	Freshman Composition
ELECT	Discipline Elective
Spring I	**(16-17 credits)**
EGL 102	Composition and Literature
ELECT	Discipline Elective
MAT	Math Elective
PSC 105	General Physical Science with Lab
PSY 101	Introduction to Psychology
Fall II	**(17 credits)**
BIO 101 and BIO 111	General Biology General Biology Lab
EDU 251	Introduction to Exceptional Children and Youth
EDU 253	Introduction to Exceptional Children and Youth - Field Experience
EDU 263	Teaching Reading in the Secondary Content Area, Part I
ELECT	Discipline Elective
PSY 203	Child Growth and Development
Spring II*	**(13 credits)**
HST 201 or HST 202	History of the United States (to reconstruction) History of the United States II (reconstruction to the present)
EDU 207	Educational Psychology - Field Experience
PSY 207	Educational Psychology
SOC SCI	Social Science Elective
SPH 141	Public Speaking

*A discipline elective is "optional" in the Spring II semester since students are required to complete a minimum of 9 credits for discipline electives (9–12 credits).

Career Opportunities

Middle and high school teacher – subject specific, such as math, science or English, tutoring counseling, librarian, research, curriculum and textbook review.

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Secondary Education – Art

Award: Associate of Arts
Degree Code: ESAR
Number of Credits: 60

Program Description

This program provides the first two years of college for students preparing to become art education teachers. Students must graduate with a 2.75 GPA, pass the Praxis I Exam (or an approved alternative test equivalency)[1], successfully complete a professional portfolio approved by the Director of Teacher Education, and create an artistic portfolio of their work. All students who enroll in this program should work closely with their advisor and the Director of Teacher Education.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ART 101	Fundamentals of Design [H]	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
SCI	Science Elective [S/SL]	4
MAT 127	Introduction to Statistics [M]	4
PSC 105	General Physical Science with Lab [SL]	4
PSY 101	Introduction to Psychology [SS]	3
SOC SCI	Social Science Elective[3] [SS]	3
SPH 141	Public Speaking [H]	3

Program Requirements

Number	Title	Credits
ART 130	Drawing I [H]	3
ART 140	Painting I [H]	3
ART 152 or ART 160 or ART 201	Sculpture [H] Beginning Ceramics [H] Three-Dimensional Design [H]	3
ART 293	Professional Production Portfolio	3
EDU 101	Foundations of Education	3
EDU 102	Foundations of Education - Field Experience	1
EDU 207	Educational Psychology - Field Experience	1
EDU 251	Introduction to Exceptional Children and Youth[2]	3
EDU 253	Introduction to Exceptional Children and Youth - Field Experience[2]	1
PSY 207	Educational Psychology	3

Program Electives - Select 6 Credits

Number	Title	Credits
ART 141	Survey of Art History [H]	3
ART 152	Sculpture [H]	3
ART 160	Beginning Ceramics [H]	3
ART 180	Basic Photography [H]	3
ART 183	Digital Illustration I	4
ART 201	Three-Dimensional Design [H]	3
ART 230	Drawing II [H]	3
ART 232	Figure Drawing	3
ART 240	Painting II [H]	3
ART 182	Sculpture II	3
ART 260	Intermediate Ceramics [H]	3

[1] The Praxis I Exam should be taken after completing 45 credits. For more information about the Praxis I Exam, students should contact the Director of Teacher Education or go to www.ets.org/praxis.
[2] The Introduction to Exceptional Children and Youth course required by Cecil College is a necessary requirement of the Teacher Education Program but may not be sufficient to meet all special education or inclusion course requirements for four-year teacher education programs. Students may be required to take additional special education or inclusion courses as a part of the requirements for a baccalaureate degree and teacher education certification at four-year institutions.
[3] Social Science Electives must be a course designation other than PSY.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(16 credits)
ART 101	Fundamentals of Design
ART 130	Drawing I
ART	Program Elective
EDU 101	Foundations of Education
EDU 102	Foundations of Education - Field Experience
EGL 101	Freshman Composition
Spring I	**(16 credits)**
ART 140	Painting I
ART 152 or ART 160 or ART 201	Sculpture Beginning Ceramics Three-Dimensional Design
EGL 102	Composition and Literature
PSC 105	General Physical Science with Lab
PSY 101	Introduction to Psychology
Fall II	**(14 credits)**
ART	Program Elective
SCI	Science Elective
EDU 251	Introduction to Exceptional Children and Youth
EDU 253	Introduction to Exceptional Children and Youth - Field Experience
SPH 141	Public Speaking
Spring II	**(14 credits)**
ART 293	Professional Portfolio Production
ART	Program Elective
PSY 207	Educational Psychology
EDU 207	Educational Psychology - Field Experience
MAT 127	Introduction to Statistics
SOC SCI	Social Science Elective

Career Opportunities

Art teacher at a public, private or charter school, teacher's assistant, arts education program director or coordinator, art camp director, fine artist, art instructor for individual lessons, after-school programs, museums, art centers and non-profit arts organizations.

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Secondary Education – Chemistry

Award: Associate of Arts in Teaching
Degree Code: SCAT
Number of Credits: 66

Program Description

This degree provides the first two years of college for students preparing to become secondary chemistry teachers. Students completing the Associate of Arts in Teaching (AAT) degree are eligible for admission to Maryland's four-year colleges' or universities' Secondary Teacher Education Programs in Chemistry. To earn the AAT degree, students must graduate with a 2.75 GPA, pass the Praxis Core Academic Skills for Educators (CORE) test[1] (or an approved alternative test equivalency) and successfully complete a professional portfolio approved by the Director of Teacher Education. The computer literacy requirement will be met throughout the course work in degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
CHM 103 and CHM 113	General Chemistry I [S] General Chemistry I Lab	3 1
CHM 104 and CHM 114	General Chemistry II [S] General Chemistry II Lab	3 1
CHM 203	Organic Chemistry I with Lab	4
CHM 204	Organic Chemistry II with Lab	4
EDU 101	Foundations of Education	3
EDU 102	Foundations of Education - Field Experience	1
EDU 207	Educational Psychology - Field Experience	1
EDU 251	Introduction to Exceptional Children and Youth[2]	3
EDU 253	Introduction to Exceptional Children and Youth - Field Experience[2]	1
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT 201	Calculus I with Analytic Geometry [M]	4
MAT 202	Calculus II with Analytic Geometry [M]	4
PHY 207	General Physics I with Lab [SL]	5
PHY 208	General Physics II with Lab [SL]	5
PSY 101	Introduction to Psychology [SS]	3
PSY 203	Child Growth and Development	3
PSY 207	Educational Psychology	3
SOC SCI	Social Science Elective[3] [SS]	3
SPH 141	Public Speaking [H]	3

[1] The Praxis Core Academic Skills for Educators (CORE) test should be taken after completing 45 credits. For more information about the Core test, students should contact the Director of Teacher Education or go to www.ets.org/praxis.

[2] The Introduction to Exceptional Children and Youth course required by Cecil College is a necessary requirement of the Teacher Education Program but may not be sufficient to meet all special education or inclusion course requirements for four-year teacher education programs. Students may be required to take additional special education or inclusion courses as a part of the requirements for a baccalaureate degree and teacher education certification at four-year institutions.

[3] Social Science Elective must be a course designation other than PSY.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(18 credits)
EGL 101	Freshman Composition
MAT 201	Calculus I with Analytical Geometry
PSY 101	Introduction to Psychology
EDU 101	Foundations of Education
EDU 102	Foundations of Education - Field Experience
CHM 103 and CHM 113	General Chemistry I General Chemistry I Lab
Spring I	**(18 credits)**
EGL 102	Composition and Literature
PSY 203	Child Growth and Development
MAT 202	Calculus II with Analytic Geometry
PSY 207	Educational Psychology
EDU 207	Educational Psychology - Field Study
CHM 104 and CHM 114	General Chemistry II General Chemistry II Lab
Fall II	**(17-18 credits)**
ACT	Activity Elective(s)
EDU 251	Introduction to Exceptional Children and Youth
EDU 253	Introduction to Exceptional Children and Youth - Field Study
PHY 207	General Physics I with Lab
CHM 203	Organic Chemistry I with Lab
SPH 141	Public Speaking
Spring II	**(13-14 credits)**
SOC SCI	Social Science Elective
PHY 208	General Physics II with Lab
CHM 204	Organic Chemistry II with Lab
ACT	Activity Elective(s)

Career Opportunities

Middle and high school teacher, research, curriculum and textbook review.

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Secondary Education – English

Award: Associate of Arts in Teaching
Degree Code: SEAT
Number of Credits: 64-65

Program Description

This degree provides the first two years of college for students preparing to become secondary English teachers. Students completing the Associate of Arts in Teaching (AAT) degree are eligible for admission to Maryland's four-year colleges' or universities' Secondary Teacher Education Programs in English. To earn the AAT degree, students must graduate with a 2.75 GPA, pass the Praxis I Exam[1] (or approved alternative test equivalency) and successfully complete a professional portfolio approved by the Director of Teacher Education.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
CIS 101	Introduction to Computer Concepts [I]	3
BIO or ENV	Biological Science Elective with Lab [S/SL] Environmental Science Elective with Lab [S/SL]	4
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
HST 101	Western Civilization I [H]	3
MAT	Math Elective [M]	3-4
PSC 105	General Physical Science with Lab [SL]	4
PSY 101	Introduction to Psychology [SS]	3
SOC 101	Introduction to Sociology [SS]	3
SPH 141	Public Speaking [H]	3
EDU 101	Foundations of Education	3
EDU 102	Foundations of Education - Field Experience	1
EDU 207	Educational Psychology - Field Experience	1
EDU 251	Introduction to Exceptional Children and Youth[2]	3
EDU 253	Introduction to Exceptional Children and Youth - Field Experience[2]	1
EDU 263	Teaching Reading in the Secondary Content Area, Part I	3
EDU 264	Teaching Reading in the Secondary Content Area, Part II	3
EGL 203 or EGL 204	British Lit. to 18th c. [H] British Lit. 18th c. to Present [H]	3
EGL 205	American Lit. to 1865 [H]	3
EGL 206	American Lit. 1865 to Present [H]	3
EGL 209	Introduction to African-American Literature [H]	3
PSY 207	Educational Psychology	3

[1] The Praxis I Exam should be taken after completing 45 credits. For more information about the Praxis I Exam, students should contact the Director of Teacher Education or go to www.ets.org/praxis.

[2] The Introduction to Exceptional Children and Youth course required by Cecil College is a necessary requirement of the Teacher Education Program but may not be sufficient to meet all special education or inclusion course requirements for four-year teacher education programs. Students may be required to take additional special education or inclusion courses as a part of the requirements for a baccalaureate degree and teacher education certification at four-year institutions.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(15 credits)
ACT	Activities Electives
EDU 101	Foundations of Education
EDU 102	Foundations of Education - Field Experience
EGL 101	Freshman Composition
PSY 101	Introduction to Psychology
SPH 141	Public Speaking
Spring I	**(16-17 credits)**
CIS 101	Introduction to Computer Concepts
EDU 251	Introduction to Exceptional Children and Youth
EDU 253	Introduction to Exceptional Children and Youth - Field Study
EGL 102	Composition and Literature
HST 101	Western Civilization I
MAT	Math Elective
Fall II	**(16 credits)**
EDU 263	Teaching Reading in the Secondary Content Area, Part I
EGL 203 or EGL 204	British Lit. to 18th c. British Lit. 18th c. to Present
EGL 205	American Lit. to 1865
PSC 105	General Physical Science with Lab
SOC 101	Introduction to Sociology
Spring II	**(17 credits)**
BIO or ENV	Biological Science with Lab Environmental Science with Lab
EDU 207	Educational Psychology - Field Experience
EDU 264	Teaching Reading in the Secondary Content Area, Part II
EGL 206	American Lit. 1865 to Present
EGL 209	Introduction to African-American Literature
PSY 207	Educational Psychology

Career Opportunities

Middle and high school teacher, research, curriculum and textbook review.

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Secondary Education – Mathematics

Award: Associate of Arts in Teaching
Degree Code: SMAT
Number of Credits: 65-66

Program Description

This degree provides the first two years of college for students preparing to become secondary mathematics teachers. Students completing the Associate of Arts in Teaching (AAT) degree are eligible for admission to Maryland's four-year colleges' or universities' Secondary Teacher Education Programs in Mathematics. To earn the AAT degree, students must graduate with a 2.75 GPA, pass the Praxis Core Academic skills for Educators (CORE) test[1] (or an approved alternative test equivalency) and successfully complete a professional portfolio approved by the Director of Teacher Education.

The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
BIO or CHM	Biological Elective [S/SL] Chemistry Elective [S/SL]	3-4
EDU 101	Foundations of Education	3
EDU 102	Foundations of Education - Field Experience	1
EDU 207	Educational Psychology - Field Experience	1
EDU 251	Introduction to Exceptional Children and Youth[2]	3
EDU 253	Introduction to Exceptional Children and Youth - Field Experience[2]	1
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT 127	Introduction to Statistics [M]	4
MAT 201	Calculus I with Analytic Geometry [M]	4
MAT 202	Calculus II with Analytic Geometry [M]	4
MAT 203	Multivariable Calculus [M]	4
MAT 240	Introduction to Linear Algebra [M]	4
PHY 207	General Physics I with Lab [SL]	5
PHY 208	General Physics II with Lab [SL]	5
PSY 101	Introduction to Psychology [SS]	3
PSY 203	Child Growth and Development	3
PSY 207	Educational Psychology	3
SOC SCI	Social Science Elective[3] [SS]	3
SPH 141	Public Speaking [H]	3

[1] The Praxis Core Academic Skills for Educators (CORE) test should be taken after completing 45 credits. For more information about the Core test, students should contact the Director of Teacher Education or go to www.ets.org/praxis.

[2] The Introduction to Exceptional Children and Youth course required by Cecil College is a necessary requirement of the Teacher Education Program but may not be sufficient to meet all special education or inclusion course requirements for four-year teacher education programs. Students may be required to take additional special education or inclusion courses as a part of the requirements for a baccalaureate degree and teacher education certification at four-year institutions.

[3] Social Science Elective must be a course designation other than PSY.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(17 credits)
EGL 101	Freshman Composition
MAT 127	Introduction to Statistics
PSY 101	Introduction to Psychology
EDU 101	Foundations of Education
EDU 102	Foundations of Education - Field Experience
SPH 141	Public Speaking
Spring I	**(14 credits)**
EGL 102	Composition and Literature
PSY 203	Child Growth and Development
MAT 201	Calculus I with Analytic Geometry
PSY 207	Educational Psychology
EDU 207	Educational Psychology - Field Experience
Fall II	**(17-19 credits)**
ACT	Activity Elective(s)
MAT 202	Calculus II with Analytic Geometry
PHY 207	General Physics I with Lab
EDU 251	Introduction to Exceptional Children and Youth
EDU 253	Introduction to Exceptional Children and Youth - Field Study
BIO or CHM	Biology Elective Chemistry Elective
Spring II	**(17-18 credits)**
SOC SCI	Social Science Elective
PHY 208	General Physics II with Lab
MAT 203	Multivariable Calculus
MAT 240	Introduction to Linear Algebra
ACT	Activity Elective(s)

Career Opportunities

Middle and high school teacher, research, curriculum and textbook review.

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Teacher Education Transfer – Secondary Education Option – Music Concentration

Award: Associate of Arts
Degree Code: ESMU
Number of Credits: 68

Program Description

This program option provides the first two years of college for students preparing to become music education teachers. Students must graduate with a 2.75 GPA, pass the Praxis Core Academic Skills for Educators (CORE) test[1] (or an approved alternative test equivalency) and successfully complete a professional portfolio approved by the Director of Teacher Education. All students who enroll in this program should work closely with their advisor and the Director of Teacher Education.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
BIO 101 and BIO 111	General Biology [S] General Biology Lab	3 1
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
HST 201 or HST 202	History of the United States (to reconstruction) [H] History of the United States II (reconstruction to present) [H]	3
MAT 127	Introduction to Statistics [M]	4
PSC 105	General Physical Science with Lab [SL]	4
PSY 101	Introduction to Psychology [SS]	3
SOC SCI	Social Science Elective[2] [SS]	3
SPH 141	Public Speaking [H]	3

Program Requirements

Number	Title	Credits
EDU 101	Foundations of Education	3
EDU 102	Foundations of Education - Field Experience	1
EDU 207	Educational Psychology - Field Experience	1
EDU 251	Introduction to Exceptional Children and Youth	3
EDU 253	Introduction to Exceptional Children and Youth - Field Experience	1
MUC 102	Piano Class I	1
MUC 114	Piano Class II	1
MUC 110	Music Theory & Musicianship I	4
MUC 111	Music Theory & Musicianship II	4
MUC 210	Music Theory & Musicianship III	4
MUC 211	Music Theory & Musicianship IV	4
MUC	Music Ensemble Electives[3]	4
MUL	Music Individual Lesson Electives[4]	4
PSY 207	Educational Psychology	3

[1] The Praxis Core Academic Skills for Educators (CORE) test should be taken after completing 45 credits. For more information about the Core test, students should contact the Director of Teacher Education or go to www.ets.org/praxis.

[2] Social Science Elective must be a course designation other than PSY.

[3] Electives include Chamber Choir, Chamber Ensemble, Band, Orchestra, or other approved elective. Please see current Cecil College course schedule for available ensembles or contact the music faculty for more information.

[4] Electives include individual lessons in Voice, Piano, String Instruments, Woodwind Instruments, Brass Instruments, Percussion/Drums, Guitar, Classical Guitar, Jazz Guitar, Songwriting/Composition or other approved elective. Please see current Cecil College course schedule for available courses or contact the music faculty for more information.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(17 credits)
EDU 101	Introduction to Education
EDU 102	Introduction to Education - Field Experience
EGL 101	Freshman Composition
MUC 102	Piano Class I
MUC 110	Music Theory & Musicianship I
MUC	Music Ensemble Elective
MUL	Music Individual Lesson Elective
SOC SCI	Social Science Elective
Spring I	**(17 credits)**
EGL 102	Composition and Literature
MUC 111	Music Theory & Musicianship II
MUC 114	Piano Class II
MUC	Music Ensemble Elective
MUL	Music Individual Lesson Elective
PSC 105	General Physical Science with Lab
PSY 101	Introduction to Psychology
Fall II	**(17 credits)**
BIO 101 and BIO 111	General Biology General Biology Lab
EDU 251	Introduction to Exceptional Children and Youth
EDU 253	Introduction to Exceptional Children and Youth - Field Experience
MUC 210	Music Theory & Musicianship III
MUC	Music Ensemble Elective
MUL	Music Individual Lesson Elective
SPH 141	Public Speaking
Spring II	**(16 credits)**
HST 201 and HST 202	History of the United States (to reconstruction) History of the United States II (reconstruction to the present)
EDU 207	Educational Psychology - Field Experience
MAT 127	Introduction to Statistics
MUC 211	Music Theory & Musicianship IV
MUC	Music Ensemble Elective
MUL	Music Individual Lesson Elective
PSY 207	Educational Psychology

Career Opportunities

Education, performance, composing and arranging, conducting, music therapy, recording industry and communications.

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Secondary Education – Physics

Award: Associate of Arts in Teaching
Degree Code: SPAT
Number of Credits: 66

Program Description

This degree provides the first two years of college for students preparing to become secondary physics teachers. Students completing the Associate of Arts in Teaching (AAT) degree are eligible for admission to Maryland's four year colleges' or universities' Secondary Teacher Education Programs in Physics. To earn the AAT degree, students must graduate with a 2.75 GPA, pass the Praxis Core Academic Skills Educators (CORE) test[1] (or an approved alternative test equivalency) and successfully complete a professional portfolio approved by the Director of Teacher Education. The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
CHM 103 and CHM 113	General Chemistry I [S] General Chemistry I Lab	3 1
PSC	General Physical Science with Lab Elective [SL]	4
EDU 101	Foundations of Education	3
EDU 102	Foundations of Education - Field Experience	1
EDU 207	Educational Psychology - Field Experience	1
EDU 251	Introduction to Exceptional Children and Youth[2]	3
EDU 253	Introduction to Exceptional Children and Youth - Field Experience[2]	1
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT 201	Calculus I with Analytic Geometry [M]	4
MAT 202	Calculus II with Analytic Geometry [M]	4
MAT 203	Multivariable Calculus [M]	4
MAT 246	Introduction to Differential Equations [M]	3
PHY 207	General Physics I with Lab [SL]	5
PHY 208	General Physics II with Lab [SL]	5
PHY 209	General Physics III with Lab [SL]	5
PSY 101	Introduction to Psychology [SS]	3
PSY 203	Child Growth and Development	3
PSY 207	Educational Psychology	3
SOC SCI	Social Science Elective[3] [SS]	3
SPH 141	Public Speaking [H]	3

[1] The Praxis Core Academic Skills for Educators (CORE) test should be taken after completing 45 credits. For more information about the Core test, students should contact the Director of Teacher Education or go to www.ets.org/praxis.

[2] The Introduction to Exceptional Children and Youth course required by Cecil College is a necessary requirement of the Teacher Education Program but may not be sufficient to meet all special education or inclusion course requirements for four-year teacher education programs. Students may be required to take additional special education or inclusion courses as a part of the requirements for a baccalaureate degree and teacher education certification at four-year institutions.

[3] Social Science Elective must be a course designation other than PSY.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(17 credits)
EGL 101	Freshman Composition
MAT 201	Calculus I with Analytical Geometry
PSY 101	Introduction to Psychology
EDU 101	Foundations of Education
EDU 102	Foundations of Education - Field Experience
SPH 141	Public Speaking
Spring I	**(16 credits)**
PHY 207	General Physics I with Lab
EGL 102	Composition and Literature
MAT 202	Calculus II with Analytic Geometry
PSY 207	Educational Psychology
EDU 207	Educational Psychology - Field Study
Fall II	**(17-18 credits)**
ACT	Activity Elective(s)
PSY 203	Child Growth and Development
MAT 203	Calculus II with Analytic Geometry
EDU 251	Introduction to Exceptional Children and Youth
EDU 253	Introduction to Exceptional Children and Youth - Field Study
PHY 208	General Physics II with Lab
Spring II	**(16-17 credits)**
SOC SCI	Social Science Elective
ACT	Activity Elective(s)
MAT 246	Introduction to Differential Equations
PHY 209	General Physics III with Lab
CHM 103 and CHM 113	General Chemistry I General Chemistry I Lab
PSC	General Physical Science with Lab Elective

Career Opportunities

Middle and high school teacher, research, curriculum and textbook review.

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Arts and Sciences Transfer – Aerospace Engineering Option

Award: Associate of Science
Degree Code: ASAE
Number of Credits: 67

Program Description

This program option prepares students to transfer to a four-year institution for continued study in aerospace engineering. Aerospace engineers design, develop, and test aircraft, spacecraft, and missiles and supervise the manufacture of these products. They are concerned with the thermal, mechanical and propulsion requirements of high-speed vehicles and projectiles. Students with a bachelor's degree in aerospace engineering may continue their education in graduate school, while others may enter industry.

The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
ARTS/HUM	Arts and Humanities Electives[1] [H]	3
CHM 103 and CHM 113	General Chemistry I [S] General Chemistry I Lab	3 1
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT 201	Calculus I with Analytic Geometry [M]	4
MAT 202	Calculus II with Analytic Geometry [M]	4
MAT 203	Multivariable Calculus [M]	4
MAT 240	Introduction to Linear Algebra [M]	4
MAT 246	Introduction to Differential Equations [M]	3
PHE 201	Introduction to Engineering Design	3
PHE 211	Statics	3
PHE 213	Mechanics of Materials	3
PHE 221	Thermodynamics	3
PHY 207	General Physics I with Lab [SL]	5
PHY 208	General Physics II with Lab [SL]	5
PHY 209	General Physics III with Lab [SL]	5
SOC SCI	Social Science Electives[2] [SS]	6

[1] Selection may not include EGL designation.
[2] Courses must be from two different disciplines.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(16 credits)
PHE 200	Introduction to Engineering Graphics*
MAT 201	Calculus I with Analytic Geometry
PHY 207	General Physics I with Lab
EGL 101	Freshman Composition
ACT	Activity Elective
Spring I	**(18 credits)**
MAT 202	Calculus II with Analytic Geometry
PHE 211	Statics
PHY 208	General Physics II with Lab
PHE 201	Introduction to Engineering Design
EGL 102	Composition and Literature
Summer I or II	**(5 credits)**
PHY 209	General Physics III with Lab
Fall II	**(15 credits)**
MAT 246	Introduction to Differential Equations
PHE 213	Mechanics of Materials
ARTS/HUM	Arts and Humanities Elective
PHE 221	Thermodynamics
SOC SCI	Social Science Elective
Spring II	**(16 credits)**
MAT 203	Multivariable Calculus
MAT 240	Introduction to Linear Algebra
CHM 103 and CHM 113	General Chemistry I General Chemistry I Lab
SOC SCI	Social Science Elective
ACT	Activity Elective

*PHE 200 is a pre-requisite to PHE 201.

Career Opportunities

Aerospace engineer, design engineer, test engineer in government, communications and space industries.

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Arts and Sciences Transfer – Chemical Engineering Option

Award: Associate of Science
Degree Code: ASCE
Number of Credits: 69

Program Description

This program option prepares students to transfer to a four-year institution for continued study in chemical engineering. Chemical engineers apply the principles of chemistry to solve problems involving the production or use of chemicals and biochemicals. They design equipment and processes for large-scale chemical manufacturing, plan and test methods of manufacturing products and treating byproducts, and supervise production. Students with a bachelor's degree in chemical engineering may continue their education in graduate school or may enter industry.

The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
ARTS/HUM	Arts and Humanities Electives[1] [H]	3
CHM 103 and CHM 113	General Chemistry I [S] General Chemistry I Lab	3 1
CHM 104 and CHM 114	General Chemistry II [S] General Chemistry II Lab	3 1
CHM 203	Organic Chemistry I with Lab	4
CHM 204	Organic Chemistry II with Lab	4
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT 201	Calculus I with Analytic Geometry [M]	4
MAT 202	Calculus II with Analytic Geometry [M]	4
MAT 203	Multivariable Calculus [M]	4
MAT 246	Introduction to Differential Equations [M]	3
PHE 201	Introduction to Engineering Design	3
PHE 211	Statics	3
PHY 207	General Physics I with Lab [SL]	5
PHY 208	General Physics II with Lab [SL]	5
PHY 209	General Physics III with Lab [SL]	5
SOC SCI	Social Science Electives[2] [SS]	6

[1] Selection may not include EGL designation.
[2] Courses must be from two different disciplines.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(17 credits)
PHE 200	Introduction to Engineering Graphics*
MAT 201	Calculus I with Analytic Geometry
CHM 103 and CHM 113	General Chemistry I General Chemistry I Lab
EGL 101	Freshman Composition
SOC SCI	Social Science Elective
Spring I	**(15 credits)**
CHM 104 and CHM 114	General Chemistry II General Chemistry II Lab
MAT 202	Calculus II with Analytic Geometry
PHE 201	Introduction to Engineering Design
EGL 102	Composition and Literature
ACT	Activity Elective
Fall II	**(18 credits)**
MAT 246	Introduction to Differential Equations
CHM 203	Organic Chemistry I with Lab
PHY 207	General Physics I with Lab
ARTS/HUM	Arts and Humanities Elective
SOC SCI	Social Science Elective
Spring II	**(17 credits)**
MAT 203	Multivariable Calculus
CHM 204	Organic Chemistry II with Lab
PHY 208	General Physics II with Lab
PHE 211	Statics
ACT	Activity Elective

*PHE 200 is a pre-requisite to PHE 201.

Career Opportunities

Design engineer, process engineer, research and development in consumer products, chemical and pharmaceutical industries.

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Arts and Sciences Transfer – Civil Engineering Option

Award: Associate of Science
Degree Code: ASCN
Number of Credits: 66

Program Description

This program option prepares students to transfer to a four-year institution for civil engineering. Civil engineers design and supervise the construction of roads, buildings, airports, tunnels, dams, bridges, and water supply and sewage systems. They must consider many factors in the design process, from the construction costs and expected lifetime of a project to government regulations and potential environmental hazards such as earthquakes. Students with a bachelor's degree in civil engineering may continue their education in graduate school, while others may enter industry.

The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
ARTS/HUM	Arts and Humanities Electives[1] [H]	3
CHM 103 and CHM 113	General Chemistry I [S] General Chemistry I Lab	3 1
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT 201	Calculus I with Analytic Geometry [M]	4
MAT 202	Calculus II with Analytic Geometry [M]	4
MAT 203	Multivariable Calculus [M]	4
MAT 246	Introduction to Differential Equations [M]	3
PHE 201	Introduction to Engineering Design	3
PHE 211	Statics	3
PHE 212	Dynamics	3
PHE 213	Mechanics of Materials	3
PHE 221	Thermodynamics	3
PHY 207	General Physics I with Lab [SL]	5
PHY 208	General Physics II with Lab [SL]	5
PHY 209	General Physics III with Lab [SL]	5
SOC SCI	Social Science Electives[2] [SS]	6

[1] Selection may not include EGL designation.
[2] Courses must be from two different disciplines.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(16 credits)
PHE 200	Introduction to Engineering Graphics*
MAT 201	Calculus I with Analytic Geometry
PHY 207	General Physics I with Lab
EGL 101	Freshman Composition
ACT	Activity Elective
Spring I	**(15 credits)**
MAT 202	Calculus II with Analytic Geometry
PHY 208	General Physics II with Lab
PHE 201	Introduction to Engineering Design
EGL 102	Composition and Literature
Summer I or II	**(5 credits)**
PHY 209	General Physics III with Lab
Fall II	**(17 credits)**
MAT 203	Multivariable Calculus
PHE 211	Statics
SOC SCI	Social Science Elective
CHM 103 and CHM 113	General Chemistry I General Chemistry I Lab
PHE 221	Thermodynamics
Spring II	**(17 credits)**
MAT 246	Introduction to Differential Equations
ARTS/HUM	Arts and Humanities Elective
SOC SCI	Social Science Elective
ACT	Activity Elective
PHE 213	Mechanics of Materials
PHE 212	Dynamics

*PHE 200 is a pre-requisite to PHE 201.

Career Opportunities

Design engineer, structural engineer, project engineer in city, county and state government agencies, consulting firms and general contractors.

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Arts and Sciences Transfer – Computer Engineering Option

Award: Associate of Science
Degree Code: ASCP
Number of Credits: 70

Program Description

Computer Engineering is the field of study that combines computer science and electrical engineering. Computer engineers work in information technology and software development and function on multidisciplinary teams. Students with bachelor's degrees in computer engineering continue their education in graduate school or enter into the work force.

This program fulfills the College's computer literacy requirement through the outcomes and assessment of required courses.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ARTS/HUM	Arts and Humanities Electives[1] [H]	3
CHM 103 and CHM 113	General Chemistry I [S] General Chemistry I Lab	3 1
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT 201	Calculus I with Analytic Geometry [M]	4
PHY 207	General Physics I with Lab [SL]	5
PHY 208	General Physics II with Lab [SL]	5
SOC SCI	Social Science Electives[2] [SS]	6

Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
CSC 109	Introduction to Programming	3
CSC 205	Computer Science I	3
MAT 202	Calculus II with Analytic Geometry [M]	4
MAT 203	Multivariable Calculus [M]	4
MAT 236	Discrete Structures [M]	3
MAT 240	Introduction to Linear Algebra [M]	4
MAT 246	Introduction to Differential Equations [M]	3
PHE 285	Principles of Electric Circuits	4
PHE 201	Introduction to Engineering Design	3
PHE 225	Digital Electronics and Instrumentation	4

[1] Selection may not include EGL designation.
[2] Courses must be from two different disciplines.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(18 credits)
CSC 109	Introduction to Programming
MAT 201	Calculus I with Analytic Geometry
PHE 200	Introduction to Engineering Graphics*
PHY 207	General Physics I with Lab
EGL 101	Freshman Composition
Spring I	**(19 credits)**
MAT 202	Calculus II with Analytic Geometry
PHY 208	General Physics II with Lab
PHE 201	Introduction to Engineering Design
EGL 102	Composition and Literature
SOC SCI	Social Science Elective
ACT	Activity Elective
Fall II	**(19 credits)**
CSC 205	Computer Science I
MAT 236	Discrete Structures
MAT 246	Introduction to Differential Equations
PHE 225	Digital Electronics and Instrumentation
ARTS/HUM	Arts and Humanities Elective
SOC SCI	Social Science Elective
Spring II	**(17 credits)**
MAT 240	Introduction to Linear Algebra
MAT 203	Multivariable Calculus
CHM 103 and CHM 113	General Chemistry I General Chemistry I Lab
PHE 285	Principles of Electric Circuits
ACT	Activity Elective

*PHE 200 is a pre-requisite to PHE 201.

Career Opportunities

Software developer, programmer, software engineer, applications engineer.

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Arts and Sciences Transfer – Electrical Engineering Option

Award: Associate of Science
Degree Code: ASEE
Number of Credits: 70

Program Description

This program option prepares students to transfer to a four-year institution for continued study in electrical engineering. Electrical Engineering is the branch of engineering that focuses on designing and analyzing components and systems that utilize electrons and photons. Electrical engineers also work in information technology and software development and function on multidisciplinary teams. Students with a bachelor's degree in electrical engineering continue their education in graduate school or enter industry.

The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ARTS/HUM	Arts and Humanities Electives[1] [H]	3
CHM 103 and CHM 113	General Chemistry I [S] General Chemistry I Lab	3 1
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT 201	Calculus I with Analytic Geometry [M]	4
PHY 207	General Physics I with Lab [SL]	5
PHY 208	General Physics II with Lab [SL]	5
SOC SCI	Social Science Elective[2] [SS]	6

Program Requirements

Number	Title	Credits
CSC 109	Introduction to Programming	3
CSC 205	Computer Science I	3
MAT 202	Calculus II with Analytic Geometry [M]	3
MAT 203	Multivariable Calculus [M]	3
MAT 240	Introduction to Linear Algebra [M]	4
MAT 246	Introduction to Differential Equations [M]	3
PHE 201	Introduction to Engineering Design	3
PHE 225	Digital Electronics and Instrumentation	4
PHE 285	Principles of Electric Circuits	4
PHE 209	General Physics III with Lab [SL]	5

[1] Selection may not include EGL designation.
[2] Courses must be from two different disciplines.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(18 credits)
CSC 109	Introduction to Programming
MAT 201	Calculus I with Analytic Geometry
PHE 200	Introduction to Engineering Graphics*
PHY 207	General Physics I with Lab
EGL 101	Freshman Composition
Spring I	**(15 credits)**
MAT 202	Calculus II with Analytic Geometry
PHY 208	General Physics II with Lab
PHE 201	Introduction to Engineering Design
EGL 102	Composition and Literature
Summer	**(5 credits)**
PHY 209	General Physics III with Lab
Fall II	**(16 credits)**
PHE 225	Digital Electronics and Instrumentation
CSC 205	Computer Science I
MAT 246	Introduction to Differential Equations
SOC SCI	Social Science Elective
ARTS/HUM	Arts and Humanities Elective
Spring II	**(19 credits)**
MAT 240	Introduction to Linear Algebra
MAT 203	Multivariable Calculus
PHE 285	Principles of Electric Circuits
CHM 103 and CHM 113	General Chemistry I General Chemistry I Lab
SOC SCI	Social Science Elective

*PHE 200 is a pre-requisite to PHE 201.

Career Opportunities

Network engineer, systems engineer, design engineer in public schools, power, consumer products and aerospace industries.

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Arts and Sciences Transfer – Mechanical Engineering Option

Award: Associate of Science
Degree Code: ASME
Number of Credits: 70

Program Description

This program option prepares students to transfer to a four-year institution for continued study in mechanical engineering. Mechanical engineering is one of the core engineering disciplines offering students a wide range of career choices in engineering practice and scientific research as well as non-engineering fields such as business, law or medicine. Students with a bachelor's degree in mechanical engineering may continue their education in graduate school or may enter industry.

The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
ARTS/HUM	Arts and Humanities Electives[1] [H]	3
CHM 103 and CHM 113	General Chemistry I [S] General Chemistry I Lab	3 1
CHM 104 and CHM 114	General Chemistry II [S] General Chemistry II Lab	3 1
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT 201	Calculus I with Analytic Geometry [M]	4
MAT 202	Calculus II with Analytic Geometry [M]	3
MAT 203	Multivariable Calculus [M]	3
MAT 246	Introduction to Differential Equations [M]	3
PHE 201	Introduction to Engineering Design	3
PHE 211	Statics	3
PHE 212	Dynamics	3
PHE 213	Mechanics of Materials	3
PHE 221	Thermodynamics	3
PHY 207	General Physics I with Lab [SL]	5
PHY 208	General Physics II with Lab [SL]	5
PHY 209	General Physics III with Lab [SL]	5
SOC SCI	Social Science Electives[2] [SS]	6

[1] Selection may not include EGL designation.
[2] Courses must be from two different disciplines.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(16-17 credits)
PHE 200	Introduction to Engineering Graphics*
MAT 201	Calculus I with Analytic Geometry
PHY 207	General Physics I with Lab
EGL 101	Freshman Composition
ACT	Activity Elective
Spring I	**(19 credits)**
MAT 202	Calculus II with Analytic Geometry
PHE 201	Introduction to Engineering Design
PHY 211	Statics
PHY 208	General Physics II with Lab
EGL 102	Composition and Literature
Summer I or II	**(5 credits)**
PHY 209	General Physics III with Lab
Fall II	**(16 credits)**
MAT 246	Introduction to Differential Equations
PHE 213	Mechanics of Materials
CHM 103 and CHM 113	General Chemistry I General Chemistry I Lab
PHE 221	Thermodynamics
SOC SCI	Social Science Elective
Spring II	**(18 credits)**
MAT 203	Multivariable Calculus
PHE 212	Dynamics
CHM 104 and CHM 114	General Chemistry I General Chemistry I Lab
SOC SCI	Social Science Elective
ARTS/HUM	Arts and Humanities Elective
ACT	Activity Elective(s)

*PHE 200 is a pre-requisite to PHE 201.

Career Opportunities

Manufacturing engineer, production supervisor, field service engineer in the aerospace, pharmaceutical and consulting industries.

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Arts and Sciences Transfer – Environmental Science Option

Award: Associate of Science
Degree Code: ASES
Number of Credits: 65-68

Program Description

This program option offers a selection of biology, physical sciences and other related courses for students wishing to pursue a program of study in environmental science. This basic transfer program comprises the first two years of a baccalaureate degree in environmental science. This option will serve students entering the fields of: environmental earth sciences, environmental law, environmental chemistry, environmental policy, environmental engineering, environmental assessment, public affairs, waste management, environmental economics, environmental health, marine science, applied ecology, biodiversity, and conservation.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
ARTS/HUM	Arts and Humanities Electives [H]	3
BIO 130 and BIO 131	Principles of Biology I [S] Principles of Biology I Lab	3 1
BIO 132 and BIO 133	Principles of Biology II [S] Principles of Biology II Lab	3 1
CHM 103 and CHM 113	General Chemistry I [S] General Chemistry I Lab	3 1
CHM 104 and CHM 114	General Chemistry II [S] General Chemistry II Lab	3 1
CIS 101	Introduction to Computer Concepts [I]	3
ECO 221 or ECO 222	Economics - Micro [SS] Economics - Macro [SS]	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
ENV 106 and ENV 116	Introduction to Environmental Science [S] Introduction to Environmental Science Lab	3 1
GEO 101	Physical Geography [SS]	3
MAT	Math Elective [M] (Select from MAT 121, 127, 128, 201 or 202)	8
MAT or SCI	Math Electives Science Electives[1]	6-8
PHY 181 or PHY 207	Introductory College Physics I with Lab [SL] General Physics I with Lab [SL]	4-5
PSC 120	Physical Geology [SL]	4
SPH 141	Public Speaking [H]	3

[1] Must be a 200 level course(s).

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(18 credits)
ENV 106 and ENV 116	Introduction to Environmental Science Introduction to Environmental Science Lab
EGL 101	Freshman Composition
BIO 130 and BIO 131	Principles of Biology I Principles of Biology I Lab
MAT	Math Elective (Select from MAT121, 127, 128, 201 or 202)
CIS 101	Introduction to Computer Concepts
Spring I	**(17 credits)**
EGL 102	Composition and Literature
MAT	Math Elective (Select from MAT121, 127, 128, 201 or 202)
BIO 132 and BIO 133	Principles of Biology II Principles of Biology II Lab
GEO 101	Physical Geography
SPH 141	Public Speaking
Fall II	**(16-18 credits)**
PHY 181 or PHY 207	Introductory College Physics I with Lab General Physics I with Lab
PSC 120	Physical Geology
ACT	Activity Elective(s)
ARTS/HUM	Arts and Humanities Elective
CHM 103 and CHM 113	General Chemistry I General Chemistry I Lab
Spring II	**(14-17 credits)**
ACT	Activity Elective(s)
MAT or SCI	Math Electives Science Electives
CHM 104 and CHM 114	General Chemistry II General Chemistry II Lab
ECO 221 or ECO 222	Economics - Micro Economics - Macro

Career Opportunities

Field consultants, biologist, educator, research technician, communication outreach with government agencies, universities and non-profit organizations.

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Equine Studies

Award: Associate of Applied Science
Degree Code: AEQS
Number of Credits: 67-68

Program Description

This degree is designed for immediate employment or career mobility and recognizes a curricular focus in equine studies. Equine studies train you to become a professional in the horse industry with a firm foundation in stable management and health management with a hands-on, experience-based learning.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
BIO	Biology Elective [S/SL]	4
BUS 103	Introduction to Business	3
CIS 101	Introduction to Computer Concepts [I]	3
EGL 101	Freshman Composition [E]	3
EGL 102 or EGL 211	Composition and Literature [H] Technical Writing	3
EQS	Equine Electives[1]	4
EQS 139	Introductory Basic Horse Handling	2
EQS 142	Introduction to Equine Care and Maintenance	3
EQS 144	Equine Nutrition and Feeding	3
EQS 145	Equine Health and Maintenance	3
EQS 146	Introductory Equine Field Study	2
EQS 148	Equine Anatomy and Physiology	3
EQS 241	Equine Facilities Management	3
EQS 242	Equine Reproduction, Evaluation and Selection	3
EQS 243	Business Management in the Horse Industry	3
EQS 245	Equine Pasture and Land Management	3
EQS 246	Advanced Equine Field Study	2
EQS 248	Equine Pathology	3
MAT	Math Elective [M]	3-4
PSY or SOC	Psychology Elective [SS] Sociology Elective [SS]	3
SPN 101	Beginning Spanish I [H]	3
SPH 121 or SPH 141	Interpersonal Communications [H] Public Speaking [H]	3

[1] Refer to the EQS courses listed under Course Descriptions, or contact an advisor for detailed information.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(15-16 credits)
EGL 101	Freshman Composition
CIS 101	Introduction to Computer Concepts
BUS 103	Introduction to Business
EQS 139	Basic Horse Handling
EQS 142	Introduction to Equine Care and Maintenance
ACT	Activity Elective(s)
Spring I	**(18 credits)**
EGL 102 or EGL 211	Composition & Literature Technical Writing
BIO	Biology Elective
EQS 144	Equine Nutrition and Feeling
EQS 145	Equine Health Maintenance
EQS 146	Introductory Equine Field Study
EQS 148	Equine Anatomy and Physiology
Fall II	**(18-19 credits)**
ACT	Activity Elective
MAT	Math Elective
SPN 101	Beginning Spanish I
EQS 243	Business Management in the Horse Industry
EQS 246	Advanced Equine Field Study
EQS 248	Equine Pathology
PSY or SOC	Psychology Elective Sociology Elective
Spring II	**(17 credits)**
SPH 121 or SPH 141	Interpersonal Communications Public Speaking
EQS 241	Equine Facilities Management
EQS 242	Equine Reproduction, Evaluation and Selection
EQS 245	Equine Pasture and Land Management
EQS	Equine Electives

Career Opportunities

Racing industry, veterinary technician, trainer, stable management, breeder, buyer, farrier, horse show manager.

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Exercise Sciences

Award: Associate of Science
Degree Code: ASER
Number of Credits: 65

Program Description

This program will prepare students to work in the exercise and rehabilitation fields. Students will complete introductory courses in the science of the human movement such as the physiological and functional adaptations to movement, exercise, fitness and wellness assessment, rehabilitation and nutrition. Successful completion prepares the student for their certification in personal training and to transfer to a bachelor's degree program in exercise science.

The computer literacy requirement will be met throughout the coursework in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ACT	Activity Electives[1]	2
ARTS/HUM	Arts and Humanities[2] [H]	3
BIO 101 or BIO 130	General Biology [S] Principles of Biology [S]	3
BIO 111 or BIO 131	General Biology Lab Principles of Biology Lab	1
BIO 208	Human Anatomy and Physiology I [S]	3
BIO 218	Human Anatomy and Physiology I Lab	1
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
HEA 130	Healthful Living [I]	3
SOC 101	Introduction to Sociology [SS]	3
PSY 101	Introduction to Psychology [SS]	3
MAT 121	Precalculus [M]	4

Program Requirements

Number	Title	Credits
BUS 103	Introduction to Business	3
BIO 209	Human Anatomy and Physiology II [S]	3
BIO 219	Human Anatomy and Physiology II Lab	1
BIO 203	Nutrition	3
FWS 110	Fundamentals of Personal Training I	3
FWS 120	Fundamentals of Personal Training II	3
FWS 111	Fundamentals of Personal Training I Lab	1
FWS 121	Fundamentals of Personal Training II Lab	1
FWS 130	Essentials of Fitness Assessments	3
FWS 135	Physiology of Exercise	3
FWS 180	Special Populations Fitness Prescription	3

Program Electives - Select 6 Credits

Number	Title	Credits
PED 135	First Aid and CPR	3
PED 180	Introduction to Physical Education	3
PED 282	Fundamentals of Sports Medicine	3
HEA 174	Women's Health Issues	3
HCD 120	Medical Terminology	3
HCD 270	Ethical Issues in Health Care	3

[1] Suggested activity electives are PED 174, Weight training; PED 177 Physical conditioning; or PED 175, Yoga.
[2] Recommend SPH 141, Public Speaking.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(17 credits)
EGL 101	Freshman Composition
BIO 101 and BIO 111 or BIO 130 and BIO 131	General Biology General Biology Lab Principles of Biology I Principles of Biology I Lab
MAT 121	Precalculus
HEA 130	Healthful Living
SOC 101	Introduction to Sociology
Spring I	**(16 credits)**
EGL 102	Composition and Literature
PSY 101	Introduction to Psychology
BIO 208	Human Anatomy and Physiology I
BIO 218	Human Anatomy and Physiology I Lab
ARTS/HUM	Arts and Humanities Elective
ELECT	Program Elective
Fall II	**(16 credits)**
BIO 209	Human Anatomy and Physiology II
BIO 219	Human Anatomy and Physiology II Lab
BUS 103	Introduction to Business
FWS 110	Fundamentals of Personal Training I
FWS 111	Fundamentals of Personal Training I Lab
FWS 130	Essentials of Fitness Assessments
ACT	Activity Elective(s)
Spring II	**(16 credits)**
BIO 203	Nutrition
FWS 120	Fundamentals of Personal Training II
FWS 121	Fundamentals of Personal Training II Lab
FWS 135	Physiology of Exercise
FWS 180	Special Populations Fitness Prescription
ELECT	Program Elective

Career Opportunities

Coaching, assistant athletic director, community recreation specialist, sports marketing personal trainer, activities director, wellness specialist, exercise/fitness instructor, health and wellness educator.

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Fire Science Technology

Award: Associate of Applied Science
Degree Code: FSTZ
Number of Credits: 65-66

Program Description

This program will prepare individuals for entry-level employment as fire fighters as well as provide the degree credential necessary for promotion and advancement of professionals currently employed with the fire service.

The computer literacy requirement will be met throughout the coursework in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
BIO 208 and BIO 218	Human Anatomy and Physiology I [S] Human Anatomy and Physiology I Lab	3 1
BIO 209 and BIO 219	Human Anatomy and Physiology II [S] Human Anatomy and Physiology II Lab	3 1
CIS 101	Introduction to Computer Concepts [I]	3
EGL 101	Freshman Composition [E]	3
EGL 211	Technical Writing	3
MAT	Math Elective [M]	3-4
PSY 101	Introduction to Psychology [SS]	3
PSY 201	Human Growth and Development [SS]	3
SOC 101	Introduction to Sociology [SS]	3
SPH 121	Interpersonal Communications [H]	3

Required Occupational courses offered by Maryland Fire and Rescue Institute

Number	Title	Credits
EMT 106	Emergency Medical Technician-Basics	7
FIR 101	Firefighter I	3
FIR 110	Fire Department Safety Officer	2
FIR 113	Pump Operator	1
FIR 114	Aerial Operator	1
FIR 129	Incident Safety Officer	1
FIR 130	Emergency Vehicle Operator	2
FIR 200	Hazardous Materials Technician	2
FIR 201	Firefighter II	2
FIR 203	Fire Officer I	2
FIR 204	Fire Inspector	4
FIR 206	Firefighter Safety and Survival	1
FIR 207	Fireground Operations	1
FIR 209	Rescue Technician Operations	1
FIR 210	Rescue Technician Extrication	1

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(13-15 credits)
EGL 101	Freshman Composition
CIS 101	Introduction to Computer Concepts
PSY 101	Introduction to Psychology
MAT	Math Elective
ACT	Activity Elective(s)
Spring I	**(14 credits)**
EGL 211	Technical Writing
BIO 208 and BIO 218	Human Anatomy and Physiology I Human Anatomy and Physiology I Lab
PSY 201	Human Growth and Development
SPH 121	Interpersonal Communications
ACT	Activity Elective
Fall II	**(7 credits)**
BIO 209 and BIO 219	Human Anatomy and Physiology II Human Anatomy and Physiology II Lab
SOC 101	Introduction to Sociology

Career Opportunities

Firefighting, disaster planning, emergency services, fire inspection, fire investigation, fire safety.

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General Studies

Award: Associate of Arts
Degree Code: GSAD
Number of Credits: 63-65

Program Description

This program is designed for students who want maximum flexibility in their choice of courses. The program provides a core background in the humanities, mathematics, computer science, science, and social sciences. Beyond meeting general education state requirements, the program offers students an opportunity to design, in cooperation with an academic advisor, a series of courses for exploring career opportunities, achieving personal goals, or meeting transfer requirements. By using the ARTSYS computerized transfer program, available in Student Enrollment and Support Services through an advisor or at www.artsys.usmd.edu, students can design a program of studies that will transfer seamlessly to an upper division college or university of choice.

The General Studies Associate of Arts degree may be earned through courses offered in an on-line format.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
ARTS/HUM	Arts and Humanities Electives[1] [H]	6
CIS 101	Introduction to Computer Concepts [I]	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
ELECT	Electives[2]	21
HEA	Health Elective	3
HST	History Elective [H]	3
MAT	Math Elective [M]	3-4
SCI	Science Elective/Science Elective with Lab[3] [S/SL]	7-8
SOC SCI	Social Science Electives[4] [SS]	6
SPH 141	Public Speaking [H]	3

[1] One course must have an ART designation; the other course must be from a discipline other than ART.
[2] Refer to the list of courses under Course Descriptions, or contact an advisor for detailed information. Note: Physical activity credits earned beyond the two credits required may not be used as ELECT credits to satisfy graduation requirements.
[3] One course must have a BIO designation; the other course must have a designation of AST, CHM, ENV, PSC, or PHY. At least one of the courses must include a lab.
[4] Courses must be from two different disciplines.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(16-18 credits)
EGL 101	Freshman Composition
CIS 101	Introduction to Computer Concepts
MAT	Math Elective
HEA	Health Elective
SOC SCI	Social Science Elective
ACT	Activity Elective(s)
Spring I	**(16-18 credits)**
EGL 102	Composition and Literature
SCI	Science Elective/Science Elective with Lab
ARTS/HUM	Arts and Humanities Elective
SPH 141	Public Speaking
SOC SCI	Social Science Elective
ACT	Activity Elective(s)
Fall II	**(16 credits)**
ELECT	Program Elective
ELECT	Program Elective
ELECT	Program Elective
SCI	Science Elective/Science Elective with Lab
ARTS/HUM	Arts and Humanities Elective
Spring II	**(15 credits)**
ELECT	Program Elective
ELECT	Program Elective
ELECT	Program Elective
ELECT	Program Elective
HST	History Elective

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Arts and Sciences Transfer – Physical Science Option - Geology

Award: Associate of Science
Degree Code: ASGE
Number of Credits: 65

Program Description

This program option prepares students to transfer to a four-year institution for continued study in geology. Geologists apply techniques from many different scientific disciplines in search of new sources of energy-producing materials, additional reserves of mineral resources, and hidden quantities of ground water.

The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ACT	Activity Electives	2
ARTS/HUM	Arts and Humanities Electives[1] [H]	3
CHM 103 and CHM 113	General Chemistry I [S] General Chemistry I with Lab	3 1
CHM 104 and CHM 114	General Chemistry II [S] General Chemistry II with Lab	3 1
PHY 207	General Physics I with Lab [SL]	5
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT 127	Introduction to Statistics [M]	4
SOC SCI	Social Science Electives[2] [SS]	6

Program Requirements

Number	Title	Credits
GEN ED	General Education Electives	3
MAT 201	Calculus I with Analytic Geometry [M]	4
MAT 202	Calculus II with Analytic Geometry [M]	4
PHY 208	General Physics II with Lab [SL]	4
PSC 120	Physical Geology [SL]	4
PSC 135	Introduction to Climate Science with Lab [SL]	4
PSC 140 or ENV 106 and ENV 116	Introduction to Ocean Studies with Lab [SL] Introduction to Environmental Science [S] Environmental Science Lab	3 3 1
SPH 121 or SPH 141	Interpersonal Communications [H] Public Speaking [H]	3

[1] Selection may not include EGL designation.
[2] Courses must be from two different disciplines.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(17 credits)
CHM 103 and CHM 113	General Chemistry I General Chemistry I Lab
PSC 135	Introduction to Climate Studies with Lab
EGL 101	Freshman Composition
SOC SCI	Social Science Elective
SPH 121 or SPH 141	Interpersonal Communications Public Speaking
Spring I	**(16-17 credits)**
MAT 201	Calculus I with Analytic Geometry
CHM 104 and CHM 114	General Chemistry II General Chemistry II Lab
PSC 140 or ENV 106 and ENV 116	Introduction to Ocean Studies with Lab Introduction to Environmental Science Introduction to Environmental Science Lab
EGL 102	Composition and Literature
ACT	Activity Elective(s)
Fall II	**(15-16 credits)**
MAT 202	Calculus II with Analytic Geometry
PHY 207	General Physics I with Lab
SOC SCI	Social Science Elective
GEN ED	General Education Elective
Spring II	**(17 credits)**
MAT 127	Introduction to Statistics
PHY 208	General Physics II with Lab
PSC 120	Physical Geology
ART/HUM	Arts and Humanities Elective
ACT	Activity Elective

Career Opportunities

Mining industry, oil and natural gas industry, mapping sub-surfaces, water resource management, geographer, environmentalist, hydrographer, metallurgist, seismologist.

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Associate of Science – Government Contracting

Award: Associate of Science
Degree Code: GOVD
Number of Credits: 63

Program Description

This program option is designed to prepare individuals to work within the government procurement environment and/or transfer to a four year institution. This includes career opportunities with the federal government as well as the private sector.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
EGL 101	Freshman Composition [E]	3
EGL 211	Technical Writing	3
MAT 127	Introduction to Statistics [M]	4
CIS 101	Introduction to Computer Concepts [I]	3
ECO 221	Economics - Micro [SS]	3
ECO 222	Economics - Macro [SS]	3
HST 101	Western Civilization [H]	3
SCI	Lab Science (2 courses from 2 different disciplines) [SL]	8
SPH 141	Public Speaking [H]	3

Program Requirements

Number	Title	Credits
BUS 108	Principles of Purchasing	3
BUS 131	Principles of Management	3
BUS 231	Management of Human Resources	3
PRO 110	Procurement and Acquisitions I	3
PRO 120	Principles of Pricing	3
PRO 121	Legal Issues in Government Procurement	3
PRO 210	Procurement and Acquisitions II	3
PRO 215	Advanced Procurement and Acquisition	3
PRO 220	Pricing and Contract Integration	3
PRO 230	Procurement Contract Negotiations	3

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(16 credits)
BUS 108	Principles of Purchasing
CIS 101	Introduction to Computer Concepts
EGL 101	Freshman Composition
SCI	Lab Science
SPH 141	Public Speaking
Spring I	**(17 credits)**
BUS 131	Principles of Management
ECO 222	Economics - Macro
EGL 211	Technical Writing
MAT 127	Introduction to Statistics
SCI	Lab Science
Fall II	**(15 credits)**
ECO 221	Economics - Micro
HST 101	Western Civilization I
PRO 110	Procurement and Acquisition I
PRO 120	Principles of Pricing
PRO 121	Legal Issues in Government Contracting
Spring II	**(15 credits)**
BUS 231	Management of Human Resources
PRO 210	Procurement and Acquisitions II
PRO 215	Advanced Procurement and Acquisition
PRO 220	Pricing and Contract Integration
PRO 230	Procurement Contract Negotiations

Career Opportunities

Contract intern, procurement analyst, procurement assistant, contracts manager, subcontracts manager, contracting officer, contract administrator, contract negotiator, and contract price/cost analyst.

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Visual Communications – Graphic Design and Multimedia Option

Award: Associate of Applied Science
Degree Code: VGDZ
Number of Credits: 67-68

Program Description

The Visual Communications Graphic Design and Multimedia degree prepares students for initial employment and career advancement, or transfer to four-year colleges. Employment responsibilities in these areas include: graphic design with computer design software, Website design with animation abilities, development of layout and production design of advertising for newspapers and magazines, and the overall layout and production of signage, newspapers, magazines, corporate reports, and other publications. Increasingly, graphic designers develop material for Internet Web pages, interactive media, and multimedia projects.

The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ACT	Activity Electives	2
ARTS/HUM	Arts and Humanities Elective[1] [H]	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
GEN ED	General Education Elective	3
MAT	Math Elective [M]	3-4
SCI	Lab Science Elective[2] [SL]	4
SOC SCI	Social Science Elective [SS]	3

Program Requirements

Number	Title	Credits
VCP	Visual Communications Elective	4
VCP 101	Photography I	4
VCP 111	Studio Photography I	4
VCP 116	Digital Imaging I	2
VCP 117	Digital Imaging II	2
VCP 118	Digital Imaging III	4
VCP 119	Digital Imaging IV	4
VCP 210	Video Production I	4
VCP 230	Graphic Design Studio	4
VCP 136	Multimedia Production I	4
VCP 144	Web Design I	3
VCP 279 or VCP 289	Professional Portfolio Production Internship I	4

[1] ART 101 recommended
[2] PHY 103 or PSC 105 recommended

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(17 credits)
EGL 101	Freshman Composition
VCP 144	Web Design I
SOC SCI	Social Science Elective
VCP 101	Photography I
VCP 116	Digital Imaging I
VCP 117	Digital Imaging II
Spring I	**(18-19 credits)**
VCP 111	Studio Photography I
VCP 118	Digital Imaging III
VCP 210	Video Production I
EGL 102	Composition and Literature
MAT	Math Elective
Fall II	**(16-17 credits)**
VCP 119	Digital Imaging IV
VCP	Visual Communications Elective
GEN ED	General Education Elective
SCI	Lab Science Elective
ACT	Activity Elective(s)
Spring II	**(16 credits)**
VCP 230	Graphic Design Studio
VCP 136	Multimedia Production I
VCP 279 or VCP 289	Professional Portfolio Production Internship I
ACT	Activity Elective
ARTS/HUM	Arts and Humanities Elective

Career Opportunities

Graphic designer, graphic design assistant, graphic artist, layout and production technician.

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Healthcare Sciences

Award: Associate of Science
Degree Code: HCSZ
Number of Credits: 62-64

Program Description

The Associate of Science in Healthcare Sciences will offer students, who currently hold a national certification in a field of Healthcare, a flexible degree program designed to provide a sound base of foundational credit coursework and additional career specific studies and/or competencies in a healthcare discipline. Through a combination of general education requirements, core electives and specific healthcare career education studies, graduates are prepared to enter the healthcare workforce in a selected discipline.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
BIO 101 and BIO 111	General Biology [S] General Biology Lab	3 1
BIO 208 and BIO 218	Human Anatomy and Physiology I [S] Human Anatomy and Physiology I Lab	3 1
BIO 209 and BIO 219	Human Anatomy and Physiology II [S] Human Anatomy and Physiology II Lab	3 1
CIS 101	Introduction to Computer Concepts [I]	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
HEA 130	Healthful Living [I]	3
ELECT	Math, Science or Business Elective[1]	3-5
ELECT	Elective	3
ELECT	Healthcare Science Portfolio Review and/or Credential Assessment	12
MAT	Math Elective[2] [M]	3
HCD 120	Medical Terminology	3
PSY 101	Introduction to Psychology [SS]	3
PSY 201	Human Growth and Development [SS]	3
SOC 101	Introduction to Sociology [S]	3
SPH 121 or SPH 141	Interpersonal Communications [H] Public Speaking [H]	3

[1] Suggested Math, Science or Business Electives – MAT 127, ACC 101, ACC 102, BUS 108, ACC 103, ACC 104, ENV 106, ENV 116, BIO 200, BIO 210, BIO 203, BIO 206, BIO 216, CHM 102, CHM 103, CHM 113, PHY 103, PHY 181, PHY 207.

[2] Any general education Mathematics, level 121 or higher, will be accepted.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(16 credits)
EGL 101	Freshman Composition
CIS 101	Introduction to Computer Concepts
HCD 120	Medical Terminology
BIO 101 and BIO 111	General Biology General Biology Lab
SPH 121 or SPH 141	Interpersonal Communications Public Speaking
Spring I	**(17-18 credits)**
EGL 102	Composition and Literature
BIO 208 and BIO 218	Human Anatomy and Physiology I Human Anatomy and Physiology I Lab
HEA 130	Healthful Living
MAT	Math Elective
ACT	Activity Elective(s)
PSY 101	Introduction to Psychology
Fall II	**(14 credits)**
PSY 201	Human Growth and Development
SOC 101	Introduction to Sociology
BIO 209 and BIO 219	Human Anatomy and Physiology II Human Anatomy and Physiology II Lab
ELECT	Program Elective
ACT	Activity Elective
Spring II	**(15 credits)**
ELECT	Healthcare Portfolio/Credential Assessment
ELECT	Mat/Science/Business Elective

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Horticultural Science

Award: Associate of Applied Science
Degree Code: HTSZ
Number of Credits: 63-64

Program Description

This program option offers a selection of science and horticultural courses for students wishing to pursue a career or transfer to programs in horticultural sciences and plant biology. This program will serve students interested in the fields of nursery production, greenhouses, landscape construction and contracting, and plant sciences. Consult your advisor or program director for specific course choices related to transfer options.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ACT	Activity Electives	2
BIO 101 and	General Biology [S]	3
BIO 111 or	General Biology Lab	1
BIO 130 and	Principles of Biology I [S]	3
BIO 131	Principles of Biology I Lab	1
BUS	Business Elective[1]	3
CIS 101	Introduction to Computer Concepts [I]	3
CHM	Chemistry Electives [S/SL]	8
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT	Math Elective [M] (Select from MAT 121, 123, 127 or 201)	3-4
SCI	Science with Lab Elective [S]	4
SOC SCI	Social Science Elective [SS]	3
SPH 141	Public Speaking [H]	3

Program Requirements

Number	Title	Credits
BIO 104	Botany: Introduction to Horticulture [S]	3
BIO 114	Botany: Introduction to Horticulture Lab	1
HCS 152	Soils and Fertilizers	3
HCS 153	Landscape Construction and Maintenance	3
HCS 154	Botanical Garden Studies	3
HCS 155	Woody Plants Identification I	2
HCS 156	Herbaceous Plants I	2
HCS 160	Woody Plants Identification II	2
HCS 161	Herbaceous Plants II	2
SPN 101	Beginning Spanish I [H]	3

[1] Refer to the BUS courses listed under Course Descriptions, or contact an advisor for detailed information.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(16-17 credits)
BIO 101 and BIO 111	General Biology General Biology Lab
BIO 130 and BIO 131	Principles of Biology Principles of Biology Lab
CIS 101	Introduction to Computer Concepts
EGL 101	Freshman Composition
MAT	Math Elective (Select from MAT 121, 123, 127 or 201)
SPH 141	Public Speaking
Spring I	**(17 credits)**
CHM	Chemistry Elective
EGL 102	Composition and Literature
HCS 152	Soils and Fertilizers
HCS 153	Landscape Construction and Maintenance
HCS 156	Herbaceous Plants I
HCS 155	Woody Plants Identification I
Fall II	**(16 credits)**
ACT	Activity Electives
BIO 104	Botany: Introduction to Horticulture
BIO 114	Botany: Introduction to Horticulture Lab
BUS	Business Elective
CHM	Chemistry Elective
SPN 101	Beginning Spanish I
Spring II	**(13-14 credits)**
HCS 154	Botanical Garden Studies
HCS 160	Woody Plants Identification II
HCS 161	Herbaceous Plants II
SCI	Science with Lab Elective
SOC SCI	Social Science Elective

Note: Based on the results of the skills assessments, students will be allowed to register for college-level or developmental courses.

Career Opportunities

Landscape technician, state extension specialist, sales representative, educator, business owner.

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Transportation and Logistics – Supply Chain Management

Award: Associate of Applied Science
Degree Code: TLSM
Number of Credits: 70

Program Description

This program option is specifically designed for those individuals who are working or desire to pursue a career in the field of supply chain management.

Transfer Information

Cecil College has an articulation agreement with the University of Delaware. Students satisfactorily completing the Associate of Applied Science – Supply Chain Management Option degree at Cecil College are guaranteed admission to the University of Delaware's Supply Chain Management program. Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
BIO or ENV	Biology Science Elective [S] Environmental Science Elective [S]	3
BIO or ENV	Biology Science Elective with Lab [S/SL] Environmental Science Elective with Lab [S/SL]	4
CIS 101	Introduction to Computer Concepts [I]	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
HUM	Humanities Elective [H]	3
PSY	Psychology Elective [SS]	3
SOC	Social Science Elective [SS]	3
SPH 141	Interpersonal Communications [H]	3

Program Requirements

Number	Title	Credits
ACC 101	Accounting I	3
ACC 102	Accounting II	3
BUS 103	Introduction to Business	3
CSC 103	Operating Systems	3
ECO 221	Economics - Micro [SS]	3
ECO 222	Economics - Macro [SS]	3
MAT 127	Introduction to Statistics [M]	4
MAT 128	Introduction to Statistics II [M]	4
MAT 201	Calculus I with Analytic Geometry [M]	4
TRL 101	Introduction to Logistics	3
TRL 107	Supply Chain Management	3
TRL 130	Production and Operations Management	3
TRL 230	Product Lifecycle Management	3

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(18 credits)
BIO ENV	Biology Science Elective Environmental Science Elective
ACC 101	Accounting I
BUS 103	Introduction to Business
CIS 101	Introduction to Computer Concepts
EGL 101	Freshman Composition
PSY	Psychology Elective
Spring I	**(19 credits)**
ACC 102	Accounting II
ECO 222	Economics - Macro
EGL 102	Composition and Literature
MAT 127	Introduction to Statistics
SPH 141	Public Speaking
TRL 101	Introduction to Logistics
Fall II	**(17 credits)**
BIO ENV	Biology Science Elective with Lab Environmental Science Elective with Lab
CSC 103	Operating Systems
ECO 221	Economics - Micro
MAT 128	Introduction to Statistics II
TRL 107	Supply Chain Management
Spring II	**(16 credits)**
HUM	Humanities Elective
MAT 201	Calculus I with Analytic Geometry
TRL 130	Production and Operations Management
TRL 230	Product Lifecycle Management
SOC SCI	Social Science Elective

Career Opportunities

Logistics management, supply management, transportation management, operations management and many other logistics related specialties.

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Transportation and Logistics – Transportation Management Option

Award: Associate of Applied Science
Degree Code: TLTZ
Number of Credits: 67

Program Description

This program option is specifically designed for those individuals who are working or who wish to pursue a career in transportation and management of transportation systems. When coupled with a degree from one of our four-year partners, students will have even greater opportunity and earning potential.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ACT	Activity Electives	2
CIS 101	Introduction to Computer Concepts [I]	3
ECO 222	Economics - Macro [SS]	3
EGL 101	Freshman Composition [E]	3
EGL 211	Technical Writing	3
MAT 127	Introduction to Statistics [M]	4
PSC 105	General Physical Science with Lab [SL]	4
SPH 121	Interpersonal Communications [H]	3

Program Requirements

Number	Title	Credits
BUS or GIS or TRL or	Business Elective[1] Geographic Information Systems Elective[1] Transportation and Logistics Elective[1]	3
BUS 103	Introduction to Business	3
BUS 108	Principles of Purchasing	3
BUS 131	Principles of Management	3
ACC 104	Managerial Accounting	3
BUS 187	Business Ethics	3
BUS 210	Business Law	3
BUS 212	Principles of Marketing	3
BUS 231	Management of Human Resources	3
CBWEP	BUS-College Based Work Experience Program[2]	3
TRL 101	Introduction to Logistics	3
TRL 110	Transportation and Warehousing	3
TRL 130	Production and Operations Management	3

[1] Refer to the BUS, GIS, and TRL courses listed under Course Descriptions, or contact an advisor for detailed information.
[2] Refer to BUS 273 for more information, or contact an advisor. The student must contact the CBWEP administrator one semester prior to enrolling for this course.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(17-18 credits)
EGL 101	Freshman Composition
MAT 127	Introduction to Statistics
TRL 101	Introduction to Logistics
BUS 108	Principles of Purchasing
BUS 103	Introduction to Business
ACT	Activity Elective(s)
Spring I	**(18 credits)**
CIS 101	Introduction to Computer Concepts
TRL 130	Production and Operations Management
BUS 131	Principles of Management
EGL 211	Technical Writing
BUS 210	Business Law
TRL 110	Transportation and Warehousing
Fall II	**(17 credits)**
BUS or GIS or TRL	Business Elective Geographic Information Systems Elective Transportation and Logistics Elective
PSC 105	General Physical Science with Lab
ECO 222	Economics - Macro
ACT	Activity Elective
CBWEP	BUS-College Based Work Experience Program
Spring II	**(15 credits)**
BUS 212	Principles of Marketing
BUS 231	Management of Human Resources
BUS 187	Business Ethics
ACC 104	Managerial Accounting
SPH 121	Interpersonal Communications

Career Opportunities

Transportation manager, route planner, physical distribution manager, distribution planning analyst, transportation marketer and operations manager.

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Mathematics

Award: Associate of Science
Degree Code: ASMR
Number of Credits: 60

Program Description

This program option prepares students to transfer to a four-year institution for continued study in mathematics, and/or mathematics education. As technology increases, the level of mathematics in the job market also increases.

A two-year degree in mathematics gives students analytical skills that are valued in industry. A four-year degree in mathematics opens doors in many areas not traditionally thought of as mathematical. Business, industry, and government hire people who earn a bachelor's degree in mathematics to provide support services involving analysis modeling or scientific computing. Some students with a bachelor's degree in mathematics continue their education in graduate school, while others enter the teaching profession. The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ARTS/HUM	Arts and Humanities Electives[1]	6
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
GEN	General Electives	5
MAT 127	Introduction to Statistics [M]	4
MAT 201	Calculus I with Analytic Geometry [M]	4
MAT 202	Calculus II with Analytic Geometry [M]	4
MAT 203	Multivariable Calculus [M]	4
MAT 240	Introduction to Linear Algebra [M]	4
MAT 246	Introduction to Differential Equations [M]	3
PHY 207	General Physics I with Lab [SL]	5
PHY 208	General Physics II with Lab [SL]	5
SCI	Science Elective with Lab [SL]	4
SOC SCI	Social Science Electives[2] [SS]	6

[1] Selection may not include EGL designation.
[2] Courses must be from two different disciplines.

Recommended Sequence

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(14 credits)
EGL 101	Freshman Composition
MAT 201	Calculus I with Analytic Geometry
SOC SCI	Social Science Elective
SCI	Science Elective with Lab
Spring I	**(16 credits)**
EGL 102	Composition and Literature
PHY 207	General Physics I with Lab
MAT 127	Introduction to Statistics
MAT 202	Calculus II with Analytic Geometry
Fall II	**(17-18 credits)**
MAT 203	Multivariable Calculus
MAT 240	Introduction to Linear Algebra
PHY 208	General Physics II with Lab
ARTS/HUM	Arts and Humanities Elective
Spring II	**(15 credits)**
MAT 246	Introduction to Differential Equations
SOC SCI	Social Science Elective
GEN ED	General Education Electives
ARTS/HUM	Arts and Humanities Elective

Career Opportunities

Actuary, applied mathematician, educator, statistician, computer programming, financial analyst, economist.

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Arts and Sciences Transfer – Physical Science Option – Meteorology

Award: Associate of Science
Degree Code: ASMT
Number of Credits: 65

Program Description

This program option prepares students to transfer to a four-year institution for continued study in meteorology. Meteorologists work at deciphering and predicting the behavior of weather, climate change and improving models of weather prediction. The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
ARTS/HUM	Arts and Humanities Electives[1]	3
CHM 103 and CHM 113	General Chemistry I [S] General Chemistry I Lab	3 1
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
GEN ED	General Education Electives	3
MAT 127	Introduction to Statistics [M]	4
MAT 201	Calculus I with Analytic Geometry [M]	4
MAT 202	Calculus II with Analytic Geometry [M]	4
MAT 203	Multivariable Calculus [M]	4
MAT 246	Introduction to Differential Equations [M]	3
PHY 207	General Physics I with Lab [SL]	5
PHY 208	General Physics II with Lab [SL]	5
PSC 135	Introduction to Climate Science with Lab [SL]	4
PSC 140	Introduction to Ocean Studies with Lab [SL]	4
PSC 220	Meteorology [SL]	4
SOC SCI	Social Science Electives[2] [SS]	6

[1] Selection may not include EGL designation.
[2] Courses must be from two different disciplines.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(15 credits)
CHM 103 and CHM 113	General Chemistry I General Chemistry I Lab
EGL 101	Freshman Composition
MAT 201	Calculus I with Analytic Geometry
PSC 140	Introduction to Ocean Studies with Lab
Spring I	**(15-16 credits)**
MAT 127	Introduction to Statistics
MAT 202	Calculus II with Analytic Geometry
GEN ED	General Education Elective
EGL 102	Composition and Literature
PSC 135	Introduction to Climate Science with Lab
Fall II	**(15 credits)**
MAT 203	Multivariable Calculus
PHY 207	General Physics I with Lab
ART/HUM	Arts and Humanities Elective
SOC SCI	Social Science Elective
ACT	Activity Elective(s)
Spring II	**(16 credits)**
MAT 246	Introduction to Differential Equations
PHY 208	General Physics II with Lab
PSC 220	Meteorology
SOC SCI	Social Science Elective
ACT	Activity Elective

Career Opportunities

Government agencies, military, education, broadcasting, consulting, NOAA, NASA, atmospheric research.

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Arts and Sciences Transfer – Performing Arts Option – Music

Award: Associate of Arts
Degree Code: APAM
Number of Credits: 65-67

Program Description

The performing arts program provides students with functional experience and practical career skills as a foundation for applied technique and performance in a specific discipline concentration. The music concentration provides solid training in classical and/or contemporary techniques with participation in music ensemble performances every semester. This program helps students to prepare for transfer to a four-year institution, internships, employment or career advancement in the areas of performance, education, administration and production. This is accomplished in an open access, optimal learning environment for students' educational, cultural, and economic development.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT	Math Elective [M]	3-4
MUC 128	Introduction to Audio Technology [I]	3
MUC 122 or MUC 135 or MUC 136 or MUC 104 or MUC 143	Music Appreciation [H] History of Rock [H] Survey of World Music [H] Guitar Class [H] Music Fundamentals [H]	3
ARTS/HUM	Arts and Humanities Elective [H] (Choose from ART or THE disciplines)[1]	3
SCI	Science Electives [S/SL][2]	7-8
SOC SCI	Social Science Electives [SS][3]	6

Program Requirements

Number	Title	Credits
MUC 102	Piano Class I	1
MUC 114	Piano Class II	1
MUC 110	Music Theory & Musicianship I	4
MUC 111	Music Theory & Musicianship II	4
MUC 210	Music Theory & Musicianship III	4
MUC 211	Music Theory & Musicianship IV	4
MUL	Individual Music Lesson Electives[4]	8
MUC	Ensemble Electives[5]	8

[1] See current Cecil College catalog for approved General Education courses in this category.
[2] Courses must be from two different disciplines. At least one course must include a corresponding lab.
[3] Courses must be from two different disciplines.
[4] Electives include individual lessons in Voice, Piano, String Instruments, Woodwind Instruments, Brass Instruments, Percussion/Drums, Guitar, Classical Guitar, Jazz Guitar, Songwriting/Composition or other approved elective. Please see current Cecil College course schedule for available courses or contact the music faculty for more information.
[5] Electives include Chamber Choir, Chamber Ensemble, Band, Orchestra, or other approved elective. Please see current Cecil College course schedule for available ensembles or contact the music faculty for more information.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(15 credits)
MUC 110	Music Theory and Musicianship I
MUC 102	Piano Class I
MUC	Ensemble Elective
MUL	Individual Lesson Electives - Levels I and II
EGL 101	Freshman Composition
ARTS/HUM	Arts and Humanities Elective (ART or THE disciplines)
Spring I	**(15 credits)**
MUC 111	Music Theory and Musicianship II
MUC 114	Piano Class II
MUC 128	Introduction to Audio Technology
MUC	Ensemble Elective
MUL	Individual Lesson Electives - Levels III and IV
EGL 102	Composition and Literature
Summer I	**(6-7 credits)**
MAT	Math Elective
SCI	Science Elective
Fall II	**(14 credits)**
MUC 210	Music Theory and Musicianship III
MUC	Ensemble Elective
MUC	Music Elective (MUC 122, 135, 136, 104, or 143)
MUL	Individual Lesson Electives - Levels V and VI
SOC SCI	Social Science Elective
Spring II	**(14-15 credits)**
MUC 211	Music Theory and Musicianship IV
MUC	Ensemble Elective
MUL	Individual Lesson Electives - Levels VII and VIII
SCI	Science Elective
SOC SCI	Social Science Elective

Career Opportunities

Education, performance, composing and arranging, conducting, music therapy, recording industry and communications.

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Arts and Sciences Transfer – Performing Arts Option – Music/Voice

Award: Associate of Arts
Degree Code: APAV
Number of Credits: 69

Program Description

The music program provides students with performing experience, practical career skills, and applied technique as a foundation for advancement in music. Solid training in classical and/or contemporary techniques is given in individual lessons with participation in music ensemble performances every semester. This program helps students to prepare for transfer to a four-year institution, internships, and employment or career advancement in the areas of performance, education, administration and production. This is accomplished in an open access, optimal learning environment for students' educational, cultural, and economic development.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ARTS/HUM	Arts & Humanities Elective [H] (Choose from ART or THE disciplines)[1]	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT	Math Elective [M]	3
MUC 128	Introduction to Audio Technology [I]	3
MUC 122 or MUC 135 or MUC 136 or MUC 104 or MUC 143	Music Appreciation [H] History of Rock [H] Survey of World Music [H] Guitar Class [H] Music Fundamentals [H]	3
SCI	Science Electives [S/SL][2]	7
SOC SCI	Social Science Electives [SS][3]	6

Program Requirements

Number	Title	Credits
MUC 110	Music Theory & Musicianship I	4
MUC 111	Music Theory & Musicianship II	4
MUC 210	Music Theory & Musicianship III	4
MUC 211	Music Theory & Musicianship IV	4
MUC 102	Piano Class I	1
MUC 114	Piano Class II	1
MUC 263	Diction for Singers I (Eng./Ital.)	2
MUC 264	Diction for Singers II (Fr./Ger.)	2
MUL	Voice Individual Music Lessons	8
MUC	Chamber Choir	8

[1] See current Cecil College Catalog for approved General Education courses in this category or contact the music faculty for more information.
[2] Courses must be from two different disciplines. At least one course must include a corresponding lab.
[3] Courses must be from two different disciplines.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(15 credits)
MUC 110	Music Theory and Musicianship I
MUC 102	Piano Class I
MUC 124	Chamber Choir I
MUC 160	Voice I Individual Lessons
MUC 161	Voice II Individual Lessons
EGL 101	Freshman Composition
ARTS/HUM	Arts and Humanities Elective (ART or THE disciplines)
Spring I	**(15 credits)**
MUC 111	Music Theory and Musicianship II
MUC 114	Piano Class II
MUC 125	Chamber Choir II
MUC 128	Introduction to Audio Technology
MUL 163	Voice III Individual Lessons
MUL 164	Voice IV Individual Lessons
EGL 102	Composition and Literature
Summer I	**(6 credits)**
MAT	Math Elective
SCI	Science Elective
Fall II	**(16 credits)**
MUC 210	Music Theory and Musicianship III
MUC 224	Chamber Choir III
MUC 263	Diction for Singers I (Eng./Ital.)
MUL 260	Voice V Individual Lessons
MUL 261	Voice VI Individual Lessons
SOC SCI	Social Science Elective
Spring II	**(17 credits)**
MUC 211	Music Theory and Musicianship IV
MUC 225	Chamber Choir IV
MUC 264	Diction for Singers II (Fr./Ger.)
MUL 263	Voice VII Individual Lessons
MUL 264	Voice VIII Individual Lessons
SCI	Science Elective
SOC SCI	Social Science Elective

Career Opportunities

Education, performance, composing and arranging, conducting, music therapy, recording industry and communications.

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Nursing

Award: Associate of Science
Degree Code: NURS
Number of Credits: 68

Program Description

The Nursing program prepares graduates to function as entry-level nurses by emphasizing educational competencies within four core components of nursing education/practice: human flourishing; nursing judgment; professional identity; and spirit of inquiry. Graduates of the program are eligible to take the National Council Licensure Examination for Registered Nurse (NCLEX-RN). The program is directly articulated with a number of higher education nursing programs, thus providing an educational foundation for further study in nursing. The program is approved by the Maryland State Board of Nursing and is accredited by the Accreditation Commission for Education in Nursing, Inc. (ACEN), formerly the National League for Nursing Accrediting Commission, Inc. (NLNAC) (3343 Peachtree Road, NE, Suite 850, Atlanta, GA, 30326, www.acenursing.org). The nursing program has specific objectives that correlate with the College's educational goals. The specific objectives are described in the Nursing Student's Manual. Information on program admission, selection policies and procedures, and eligibility criteria are located here.

The computer literacy requirement will be met throughout the course work of the nursing program.

Transfer Information

Cecil College offers extensive transfer and articulation opportunities in the field of nursing. Listed below is a sampling of those opportunities. For more information about these and other institutions, contact your advisor.

- University of Delaware
- University of Maryland, Baltimore
- Wisconsin–Green Bay
- Wilmington University
- Widener University
- Drexel University
- Stevenson University

Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ARTS/HUM	Arts and Humanities Elective[1] [H]	3
BIO 200 and BIO 210	Microbiology [S] Microbiology Lab	3 1
BIO 208 and BIO 218	Human Anatomy and Physiology I [S] Human Anatomy and Physiology I Lab	3 1
BIO 209 and BIO 219	Human Anatomy and Physiology II [S] Human Anatomy and Physiology II Lab	3 1
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT 123	Finite Math[2] [M]	3
NUR 101	Concepts and Processes in Nursing	2
NUR 104	Nursing Fundamentals Theory	5
NUR 105	Care of Adult and Aging Clients	4
NUR 114	Clinical Lab I: Nursing Fundamentals	2
NUR 115	Clinical Lab II: Medical/Surgical Settings	4
NUR 201	Care of Childbearing/Childrearing Families	4
NUR 204	Care of Clients Affected by Complex Stressors	4
NUR 206	Professional, Legal and Ethical Issues	2
NUR 211	Clinical Lab III: Care of Childbearing/Childrearing Families	4
NUR 214	Clinical Lab IV: Medical/Surgical/Psychiatric	4
PSY 101	Introduction to Psychology [SS]	3
PSY 201	Human Growth and Development [SS]	3
SOC 101	Introduction to Sociology [SS]	3

[1] Selection may not include EGL designation.
[2] Another general education mathematics elective will be accepted.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Full-time Status

Summer I	**(7 credits)**
EGL 101	Freshman Composition
BIO 208 and BIO 218	Human Anatomy and Physiology I Human Anatomy and Physiology I Lab
Fall I	**(16 credits)**
BIO 209 and BIO 219	Human Anatomy and Physiology II Human Anatomy and Physiology II Lab
PSY 101	Introduction to Psychology
NUR 101	Concepts and Processes in Nursing
NUR 104	Nursing Fundamentals Theory
NUR 114	Clinical Lab I: Nursing Fundamentals
Spring I	**(15 credits)**
BIO 200 and BIO 210	Microbiology Microbiology Lab
NUR 105	Care of Adult and Aging Clients
NUR 115	Clinical Lab II: Medical/Surgical Settings
MAT 123	Finite Math (another general education mathematics elective will be accepted)
Fall II	**(14 credits)**
NUR 201	Care of Childbearing/Childrearing Families
NUR 211	Clinical Lab III: Care of Childbearing/Childrearing
PSY 201	Human Growth and Development
EGL 102	Composition and Literature
Spring II	**(16 credits)**
ARTS/HUM	Arts and Humanities Elective
NUR 204	Care of Clients Affected by Complex Stressors
NUR 206	Professional, Legal and Ethical Issues
NUR 214	Clinical Lab IV: Medical/Surgical/Psychiatric
SOC 101	Introduction to Sociology

Part-time Status

Summer I	**(3 credits)**
EGL 101	Freshman Composition
Fall I	**(13 credits)**
BIO 208 and BIO 218	Human Anatomy and Physiology I Human Anatomy and Physiology I Lab
EGL 102	Composition and Literature
MAT 123	Finite Math (another general education mathematics elective will be accepted)
PSY 101	Introduction to Psychology
Spring I	**(14 credits)**
BIO 209 and BIO 219	Human Anatomy and Physiology II Human Anatomy and Physiology II Lab
BIO 200 and BIO 210	Microbiology Microbiology Lab
PSY 201	Human Growth and Development
SOC 101	Introduction to Psychology
Fall II	**(9 credits)**
NUR 101	Concepts and Processes in Nursing
NUR 104	Nursing Fundamentals Theory
NUR 114	Clinical Lab I: Nursing Fundamentals
Spring II	**(11 credits)**
NUR 105	Care of Adult and Aging Clients
NUR 115	Clinical Lab II: Medical/Surgical Settings
ARTS/HUM	Arts and Humanities Elective
Fall III	**(8 credits)**
NUR 201	Care of Childbearing/Childrearing Families
NUR 211	Clinical Lab III: Care of Childbearing/Childrearing
Spring III	**(10 credits)**
NUR 204	Care of Clients Affected by Complex Stressors
NUR 206	Professional, Legal and Ethical Issues
NUR 214	Clinical Lab IV: Medical/Surgical/Psychiatric

Career Opportunities

Nursing care in doctors' offices, hospital settings, private nursing/home health care, administrative industries such as insurance companies, state agencies.

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Arts and Sciences Transfer – Physical Science Option - Ocean Studies

Award: Associate of Science
Degree Code: ASOS
Number of Credits: 64-66

Program Description

This program option prepares students to transfer to a four-year institution for continued study in ocean sciences and coastal studies. Ocean scientists use their knowledge and skills to answer questions about the ocean system and the atmosphere.

The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ACT	Activity Electives	2
ARTS/HUM	Arts and Humanities Elective[1] [H]	3
BIO 130 and BIO 131	Principles of Biology I [S] Principles of Biology I Lab	3 1
CHM 103 and CHM 113	General Chemistry I [S] General Chemistry I Lab	3 1
PHY 181 or PHY 207	Introductory College Physics I with Lab [SL] General Physics I with Lab [SL]	4-5
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT 127	Introduction to Statistics [M]	4
SOC SCI	Social Science Electives[2] [SS]	6

Program Requirements

Number	Title	Credits
BIO 132 and BIO 133	Principles of Biology II [S] Principles of Biology II Lab	3 1
CHM 104 and CHM 114	General Chemistry II [S] General Chemistry II Lab	3 1
MAT 201	Calculus I with Analytic Geometry [M]	4
PHY 182 or PHY 208	Introductory College Physics II with Lab [SL] General Physics II with Lab [SL]	4-5
PSC 135	Introduction to Climate Science with Lab [SL]	4
PSC 140	Introduction to Ocean Studies with Lab [SL]	4
PSC 220	Meteorology [SL]	4
SPH 121 or SPH 141	Interpersonal Communications [H] Public Speaking [H]	3

[1] Selection may not include EGL designation.
[2] Courses must be from two different disciplines.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(15 credits)
CHM 103 and CHM 113	General Chemistry I General Chemistry I Lab
BIO 130 and BIO 131	Principles of Biology I Principles of Biology I Lab
PSC 135	Introduction to Climate Science with Lab
EGL 101	Freshman Composition
Spring I	**(15 credits)**
MAT 201	Calculus I with Analytic Geometry
CHM 104 and CHM 114	General Chemistry II General Chemistry II Lab
BIO 132 and BIO 133	Principles of Biology II Principles of Biology II Lab
EGL 102	Composition and Literature
Fall II	**(18-19 credits)**
PHY 181 or PHY 207	Introductory College Physics I with Lab General Physics I with Lab
PSC 140	Introduction to Ocean Studies with Lab
SOC SCI	Social Science Elective
ART/HUM	Arts and Humanities Elective
ACT	Activity Elective(s)
SPH 121 or SPH 141	Interpersonal Communications Public Speaking
Spring II	**(16 credits)**
MAT 127	Introduction to Statistics
PHY 182 or PHY 208	Introductory College Physics II with Lab General Physics II with Lab
PSC 220	Meteorology
SOC SCI	Social Science Elective
ACT	Activity Elective

Career Opportunities

Geological, physical, chemical or biological oceanographer, marine biologist, fisheries scientist, marine archaeologist, marine policy expert.

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Arts and Sciences Transfer – Paralegal Studies Option

Award: Associate of Arts
Degree Code: ASPL
Number of Credits: 65-67

Program Description

The Paralegal Studies Associate degree provides the first two years of study for students preparing for a career as a paralegal. The program provides a general education background while focusing on developing an under- standing of the legal system. Students completing the degree will meet the requirements for admission to a Paralegal Certificate Program or to continue their studies toward a Bachelor's Degree in Paralegal Studies.

Transfer Information

Cecil College has an articulation agreement with Widener University. Students satisfactorily completing the Associate of Arts – Arts & Sciences Transfer – Paralegal Studies Option degree at Cecil College are guaranteed admission to Widener University Law Center Legal Education Institute. Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ARTS/HUM	Arts/Humanities Elective [H]	3
CIS 101	Introduction to Computer Concepts [I]	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
HST	History Elective [H]	3
MAT	Math Elective [M]	3-4
MAT 127	Introduction to Statistics [M]	4
PHI 202	Clear Thinking to Inductive Logic [H]	3
POS 201	American Government [SS]	3
PSY 101	Introduction to Psychology [SS]	3
SCI	Science Elective [S]	3-4
SCI	Lab Science Elective [SL]	4
SOC 101	Introduction to Sociology [SS]	3
CSC 151	Computer Forensics Investigations	3
CRJ 101	Introduction to the Criminal Justice System	3
CRJ 133	Forensic Science I	3
CRJ 201	Criminal Investigation	3
CRJ 205	Criminal Law	3
CRJ 221	Criminology	3
POS 101	Introduction to Political Science [SS]	3
SOC 222	Juvenile Delinquency	3

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(18 credits)
ART/HUM	Arts/Humanities Elective
CIS 101	Introduction to Computer Concepts
EGL 101	Freshman Composition
CRJ 101	Introduction to the Criminal Justice System
PSY 101	Introduction to Psychology
HST	History Elective
Spring I	**(17 credits)**
EGL 102	Composition and Literature
MAT 127	Introduction to Statistics
POS 101	Introduction to Political Science
SCI	Lab Science Elective
SOC 101	Introduction to Sociology
Fall II	**(15-17 credits)**
CSC 151	Computer Forensics Investigations
CRJ 201	Criminal Investigation
MAT	Math Elective
PHI 202	Clear Thinking to Inductive Logic
SCI	Science Elective
Spring II	**(15 credits)**
CRJ 133	Forensic Science I
CRJ 205	Criminal Law
CRJ 221	Criminology
POS 201	American Government
SOC 222	Juvenile Delinquency

Career Opportunities

Work in law offices, federal, state agencies, corporate entities as a law clerk, title examiner, claim adjuster, occupational health and safety specialist, appraiser, investigator.

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Emergency Medical Technology – Paramedic

Award: Associate of Applied Science
Degree Code: EMTZ
Number of Credits: 62-63

Program Description

Emergency Medical Technology is a rapidly expanding profession involving the provision of immediate care to the critically ill and injured at the scene of an emergency, and the transport of these patients to a hospital. The entry-level workforce in Paramedic program in Cecil County contains both theoretical and clinical instruction, resulting in eligibility to sit for the NRP exam. Students who wish to continue their education and work towards an Associate of Applied Science degree and who have current, unencumbered National Registered Paramedic certification may be able to receive credits for the paramedic courses through credential assessment. Program admission information is located here.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
BIO 208 and	Human Anatomy and Physiology I [S]	3
BIO 218	Human Anatomy and Physiology I Lab	1
BIO 209 and	Human Anatomy and Physiology II [S]	3
BIO 219	Human Anatomy and Physiology II Lab	1
CIS 101	Introduction to Computer Concepts [I]	3
EGL 101	Freshman Composition [E]	3
EGL 211	Technical Writing	3
MAT	Math Elective [M]	3-4
PSY 101	Introduction to Psychology [SS]	3
PSY 201	Human Growth and Development [SS]	3
SOC 101	Introduction to Sociology [SS]	3
SPH 121	Interpersonal Communications [H]	3
ELECT	Paramedic Portfolio Review and/or Credential Assessment	28

Required Occupational courses offered by Cecil County Department of Emergency Services (28 Credits)

Number	Title	Semester
HEM 200	Paramedic - Preparatory Knowledge	Fall
HEM 201	Paramedic - Medical Emergencies	Fall
HEM 202	Paramedic - Traumatic Emergencies	Spring
HEM 203	Paramedic - Patient Assessment	Spring
HEM 204	Paramedic - Special Considerations	Spring
HEM 205	Paramedic - Operations	Spring
HEM 206	Paramedic - Clinical I	Summer
HEM 207	Paramedic - Clinical II	Summer
HEM 208	Paramedic - Clinical III	Summer

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Visual Communications – Professional Photography Option

Award: Associate of Applied Science
Degree Code: PPAZ
Number of Credits: 68-69

Program Description

This program option prepares students for initial employment, career advancement, and transfer to four-year colleges. Employment responsibilities in these areas include: photographing in a studio and/or location, digital processing and imaging, marketing, exhibiting, and video production.

The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education

Number	Title	Credits
ACT	Activity Electives	2
ARTS/HUM	Arts and Humanities Elective [H]	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
GEN ED	General Education Elective	3
MAT	Math Elective [M]	3-4
SCI	Lab Science Elective[1] [SL]	4
SOC SCI	Social Science Elective [SS]	3

Program Requirements

Number	Title	Credits
VCP 101	Photography I	4
VCP 111	Studio Photography I	4
VCP 116	Digital Imaging I	2
VCP 117	Digital Imaging II	2
VCP 118	Digital Imaging III	4
VCP 119	Digital Imaging IV	4
VCP 210	Video Production I	4
VCP 279 or VCP 289	Professional Portfolio Production Internship I	4
VCP	Visual Communications Elective	4

Program Electives - Select 12 Credits

Number	Title	Credits
VCP 110	Portrait Photography	4
VCP 211	Studio Photography II	4
VCP 212	Video Production II	4
VCP 222	Photojournalism	4
VCP 233	Fictional Photography	4

[1] CHM 109 or PHY 120 recommended

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(18 credits)
EGL 101	Freshman Composition
SOC SCI	Social Science Elective
VCP 101	Photography I
VCP 116	Digital Imaging I
VCP 117	Digital Imaging II
VCP	Visual Communications Elective
Spring I	**(16-17 credits)**
VCP 111	Studio Photography I
VCP 118	Digital Imaging III
VCP	Visual Communications Elective
ACT	Activity Elective(s)
EGL 102	Composition and Literature
Fall II	**(16-18 credits)**
VCP 119	
VCP 210	Video Production I
VCP	Visual Communications Elective
ACT	Activity Elective(s)
MAT	Math Elective
Spring II	**(18 credits)**
VCP 279 or VCP 289	Professional Portfolio Production Internship I
VCP	Visual Communications Elective
ART/HUM	Arts/Humanities Elective
GEN ED	General Education Elective
SCI	Lab Science Elective

Career Opportunities

Commercial photographer, portrait photographer, wedding photographer, photojournalist, industrial photographer, videographer, digital imager, and photography lab manager.

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Physical Therapist Assistant

Award: Associate of Applied Science
Degree Code: PTAP
Number of Credits: 70

Program Description

The Physical Therapist Assistant program provides a foundation for graduates to become highly skilled in providing patient services using physical therapy techniques under the supervision and direction of a licensed physical therapist in clinics, hospitals, and many other health care settings. Upon completion of the curriculum, the graduate will receive the A.A.S. and will be eligible to take the National Licensing Exam for Physical Therapist Assistants.

Graduation from a physical therapist assistant (PTA) education program accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE), 1111 North Fairfax Street, Alexandria. VA 22314; phone 703-706-3245; accreditation@apta.org is necessary for eligibility to sit for the licensure examination, which is required in all states.

Effective November 12, 2014, the Physical Therapist Assistant Program at Cecil College has been granted Candidate for Accreditation status by the Commission on Accreditation in Physical Therapy Education (1111 North Fairfax Street, Alexandria, VA, 22314; phone: 703-706-3245; email: accreditation@apta.org). Candidate for Accreditation is a pre-accreditation status of affiliation with the Commission on Accreditation in Physical Therapy Education that indicates that the program is progressing toward accreditation and may matriculate students in technical/professional courses. Candidate for Accreditation is not an accreditation status nor does it assure eventual accreditation.

Information on program admission, selection policies and procedures and eligibility criteria are available in the Program handbook, College catalog and in the program admission materials.

The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
BIO 101	General Biology [S]	3
BIO 111	General Biology Lab	1
BIO 208	Human Anatomy and Physiology I [S]	3
BIO 218	Human Anatomy and Physiology I Lab	1
BIO 209	Human Anatomy and Physiology II [S]	3
BIO 219	Human Anatomy and Physiology II Lab	1
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT 123	Finite Math [M]	3
PSY 101	Introduction to Psychology [SS]	3
PSY 201	Human Growth and Development [SS]	3

Program Requirements

Number	Title	Credits
PTA 101	Introduction to Physical Therapy	1
PTA 102	Clinical Kinesiology and Biomechanics	3
PTA 103	Clinical Skills for the PTA	3
PTA 204	Therapeutic Modalities	3
PTA 206	Therapeutic Exercise	3
PTA 210	PTA Seminar I	1
PTA 212	PTA Seminar II	2
PTA 220	Clinical Orthopedics	4
PTA 222	Clinical Neurosciences	3
PTA 224	Cardiopulmonary/Integumentary	3
PTA 226	Special Populations	2
PTA 230	PTA Clinical Practicum I	3
PTA 232	PTA Clinical Practicum II	6
PTA 234	PTA Clinical Practicum III	6

Recommended Sequence

The following is the sequence of courses for PTA courses only (general education courses may be taken in any sequence; however, it is recommended that students complete as many general education courses as possible before being accepted into the program). Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Spring I	(7 credits)
PTA 101	Introduction to Physical Therapy
PTA 102	Clinical Kinesiology and Biomechanics
PTA 103	Clinical Skills for the PTA
Summer I	**(8 credits)**
PTA 204	Therapeutic Modalities
PTA 206	Therapeutic Exercise
PTA 210	PTA Seminar I
Fall II I	**(15 credits)**
PTA 220	Clinical Orthopedics
PTA 222	Clinical Neurosciences
PTA 224	Cardiopulmonary/Integumentary
PTA 226	Special Populations
PTA 230	PTA Clinical Practicum I
Spring II	**(13 credits)**
PTA 212	PTA Seminar II
PTA 232	PTA Clinical Practicum II
PTA 234	PTA Clinical Practicum III

Career Opportunities

Physical Therapist Assistants work in hospitals, privately owned physical therapy practices, home health, schools, and rehab units.

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Arts and Sciences Transfer – Physics Option

Award: Associate of Science
Degree Code: ASPS
Number of Credits: 65-66

Program Description

This program option prepares students to transfer to a four-year institution for continued study in physics. A physicist's work ranges from basic research into the subatomic realm to the dynamics of galaxies as well as the practical development of devices and instruments. Students with a bachelor's degree in physics may continue their education or enter industry.

The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
ARTS/HUM	Arts and Humanities Electives[1] [H]	3
CHM 103 and CHM 113 and	General Chemistry I [S] General Chemistry I Lab	3 1
CHM 104 and CHM 114 and	General Chemistry II [S] General Chemistry II Lab	3 1
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
GEN ED	General Education Elective	3
MAT 201	Calculus I with Analytic Geometry [M]	4
MAT 202	Calculus II with Analytic Geometry [M]	4
MAT 203	Multivariable Calculus [M]	4
MAT 240	Introduction to Linear Algebra [M]	4
MAT 246	Introduction to Differential Equations [M]	3
PHE 221 or PHE 225 or PHE 285	Thermodynamics Digital Electronics and Instrumentation Principles of Electric Circuits	3-4
PHY 207	General Physics I with Lab [SL]	5
PHY 208	General Physics II with Lab [SL]	5
PHY 209	General Physics III with Lab [SL]	5
SOC SCI	Social Science Electives[2] [SS]	6

[1] Selection may not include EGL designation.
[2] Courses must be from two different disciplines.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(16 credits)
CHM 103 and CHM 113	General Chemistry I General Chemistry I Lab
MAT 201	Calculus I with Analytic Geometry
PHY 207	General Physics I with Lab
EGL 101	Freshman Composition
Spring I	**(17 credits)**
CHM 104 and CHM 114	General Chemistry II General Chemistry II Lab
MAT 202	Calculus II with Analytic Geometry
PHY 208	General Physics II with Lab
EGL 102	Composition and Literature
ACT	Activity Elective(s)
Summer I	**(5 credits)**
PHY 209	General Physics III with Lab
Fall II	**(15-16 credits)**
MAT 246	Introduction to Differential Equations
PHE 225	Digital Electronics and Instrumentation*
PHE 221	Thermodynamics*
GEN ED	General Education Elective
ARTS/HUM	Arts and Humanities Elective
SOC SCI	Social Science Elective
Spring II	**(12-16 credits)**
MAT 203	Multivariable Calculus
MAT 240	Introduction to Linear Algebra
PHE 285	Principles of Electronic Circuits*
SOC SCI	Social Science Elective
ACT	Activity Elective(s)

*Students must choose one course from PHE 221, 225 or 285.

Career Opportunities

Astronomer, computer programmer, physicist, teaching, research and development, engineering.

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Arts and Sciences Transfer – Biology Option - Pre-Med/Dental

Award: Associate of Science
Degree Code: ASPM
Number of Credits: 62-64

Program Description

This program option offers a selection of health career oriented courses for students wishing to pursue a program of study in the fields of medicine, dentistry, nursing, physician assistant, pharmacy, dental hygiene and physical therapy. This basic transfer program comprises the first two years of a baccalaureate degree.

The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ARTS/HUM	Arts and Humanities Electives[1] [H]	6
BIO	Biology Elective[2]	4
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT 127	Introduction to Statistics [M]	4
MAT	Math Elective[3] [M]	4
PSY 101	Introduction to Psychology [SS]	3
SOC 101	Introduction to Sociology [SS]	3

Program Requirements

Number	Title	Credits
BIO 130 and BIO 131	Principles of Biology I [S] Principles of Biology I Lab	3 1
BIO 132 and BIO 133	Principles of Biology II [S] Principles of Biology II Lab	3 1
CHM 103 and CHM 113	General Chemistry I [S] General Chemistry I Lab	3 1
CHM 104 and CHM 114	General Chemistry II [S] General Chemistry II Lab	3 1
CHM 203	Organic Chemistry I with Lab	4
CHM 204	Organic Chemistry II with Lab	4
PHY 181 or PHY 207	Introductory College Physics I with Lab [SL] General Physics I with Lab [SL]	4-5
PHY 182 or PHY 208	Introductory College Physics II with Lab [SL] General Physics II with Lab [SL]	4-5

[1] SPH 141 recommended.
[2] Student may not select BIO 101/BIO 111; BIO 222/BIO 232 recommended.
[3] Select from MAT 121, 201 or 202.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(15 credits)
BIO 130 and BIO 131	Principles of Biology I Principles of Biology I Lab
CHM 103 and CHM 113	General Chemistry I General Chemistry I Lab
EGL 101	Freshman Composition
MAT 127	Introduction to Statistics
Spring I	**(18 credits)**
ARTS/HUM	Arts and Humanities Elective
BIO 132 and BIO 133	Principles of Biology II Principles of Biology II Lab
CHM 104 and CHM 114	General Chemistry II General Chemistry II Lab
EGL 102	Composition and Literature
MAT	Math Elective
Fall II	**(15-16 credits)**
BIO	Biology Elective
CHM 203	Organic Chemistry I with Lab
PHY 181 or PHY 207	Introductory College Physics I with Lab General Physics I with Lab
PSY 101	Introduction to Psychology
Spring II	**(14-15 credits)**
ARTS/HUM	Arts and Humanities Elective
CHM 204	Organic Chemistry II with Lab
PHY 182 or PHY 208	Introductory College Physics II with Lab General Physics II with Lab
SOC 101	Introduction to Psychology

*Students must choose one course from PHE 221, 225 or 285.

Career Opportunities

Astronomer, computer programmer, physicist, teaching, research and development, engineering.

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Arts and Sciences Transfer – Psychology Option

Award: Associate of Arts
Degree Code: ASPY
Number of Credits: 62

Program Description

The Psychology degree provides the first two years of college for students preparing for a career in psychology, counseling or a related field. The Psychology degree emphasizes the scientific study of behavioral and mental processes in animals and humans. The field of Psychology encompasses many areas including: research methods, social behavior, personality, human development, biological basis of behavior, consciousness, learning, memory, emotion, motivation and mental health and adjustment. This program is designed primarily for students desiring to transfer to a four-year college or university to earn a bachelor's degree in Psychology. Students selecting this program should consult with an academic advisor early in the program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional four-year colleges and universities. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ACT	Activity Electives	2
ANT 101	Cultural Anthropology [SS]	3
ART[1]	Art General Education Elective [H]	3
BIO 130 and BIO 131 or CHM 103 and CHM 113	Principles of Biology I [S] Principles of Biology I Lab General Chemistry I [S] General Chemistry I Lab	3 1
BIO 132 and BIO 133 or CHM 104 and CHM 114	Principles of Biology II [S] Principles of Biology II Lab General Chemistry II [S] General Chemistry II Lab	3 1
CIS 101	Introduction to Computer Concepts [I]	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
EGL 209	Introduction to African-American Literature [H]	3
GEO 102	Cultural Geography [SS]	3
HST 201 or HST 202	History of the United States (to reconstruction) [H] History of the United States II (reconstruction to the present) [H]	3
MAT 127	Introduction to Statistics [M]	4
SPH 121	Interpersonal Communications [H]	3

Program Requirements

Number	Title	Credits
HEA 136	Stress Management	3
PSY 101	Introduction to Psychology [SS]	3
PSY 201	Human Growth and Development [SS]	3
PSY 227	Introduction to Abnormal Psychology	3

Program Electives - Select 9 Credits

Number	Title	Credits
PSY 203	Child Growth Development	3
PSY 207	Educational Psychology	3
PSY 222	Organizational Psychology	3
SOC 101	Introduction to Sociology [SS]	3
SOC 102	Social Problems [SS]	3
SOC 103	Marriage and the Family [SS]	3

[1] See transfer advisor.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(17-18 credits)
ACT	Activity Elective(s)
ANT 101	Cultural Anthropology
CIS 101	Introduction to Computer Concepts
EGL 101	Freshman Composition
MAT 127	Introduction to Statistics
PSY 101	Introduction to Psychology
Spring I	**(17 credits)**
ACT	Activity
BIO 130 and BIO 131 or CHM 103 and CHM 113	Principles of Biology I Principles of Biology I Lab General Chemistry I General Chemistry I Lab
EGL 102	Composition and Literature
HEA 136	Stress Management
SPH 121	Interpersonal Communications
PSY 201	Human Growth and Development
Fall II	**(16 credits)**
ART	Art General Education Elective
BIO 132 and BIO 133 or CHM 104 and CHM 114	Principles of Biology II Principles of Biology II Lab General Chemistry II General Chemistry II Lab
EGL 209	Introduction to African American Literature
HST 201 or HST 202	History of the United States (to reconstruction) History of the United States II (reconstruction to the present)
PSY 227	Introduction to Abnormal Psychology
Spring II	**(12 credits)**
GEO 102	Cultural Geography
ELECT	Program Elective
ELECT	Program Elective
ELECT	Program Elective

Career Opportunities

Social worker, human resources representatives, rehabilitation advisor, admissions recruiter in private corporations, social service agencies and education.

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Visual Communications – Simulation Design and Gaming

Award: Associate of Applied Science
Degree Code: SOGZ
Number of Credits: 66-67

Program Description

The Gaming and Simulation Option provides high quality, hands-on, career education in the areas of 3D Design. The program helps students prepare for initial employment, career advancement, and transfer to four-year colleges and universities. This is accomplished in an open access, optimal learning environment for students' educational, cultural, and economic development.

Transfer Information

Cecil College has articulation agreements with Maryland and regional four-year colleges and universities. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ACT	Activity Electives	2
ARTS/HUM	Arts and Humanities Elective[1] [H]	3
CIS 101	Introduction to Computer Concepts [I]	3
EGL 101	Freshman Composition [E]	3
GEN ED	General Education Elective	3
MAT	Math Elective [M]	3-4
SCI	Lab Science Elective [SL]	4
PSY or SOC	Psychology Elective [SS] Sociology Elective [SS]	3

Program Requirements

Number	Title	Credits
EGL 112	Script Writing	3
EGL 211	Technical Writing	3
VCP 116	Digital Imaging I	2
VCP 117	Digital Imaging II	2
VCP 136	Multimedia Production I	4
VCP 151	Introduction to Game Design	4
VCP 210	Video Production I	4
VCP 218	Modeling and Animation I	4
VCP 279 or VCP 289	Professional Portfolio Production Internship I	4

Program Electives - Select 12 Credits

Number	Title	Credits
ART 183	Digital Illustration	3
CSC 182	Scripting Languages	3
CSC 109	Introduction to Programming	3
CSC 111	Introduction to CADD	3
VCP 111	Studio Photography I	4
VCP 118	Digital Imaging III	4
VCP 119	Digital Imaging IV	4
VCP 144	Web Design I	3
VCP 212	Video Production II	4
VCP 215	Guerrilla Filmmaking	4
VCP 230	Graphic Design Studio	4

[1] ART 180 or ART 181 recommended.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(17-18 credits)
ACT	Activity Elective(s)
CIS 101	Introduction to Computer Concepts
EGL 101	Freshman Composition
GEN ED	General Education Elective
PSY or SOC	Psychology Elective Sociology Elective
VCP 116	Digital Imaging I
VSP 117	Digital Imaging II
Spring I	**(17-19 credits)**
ACT	Activity Elective(s)
ARTS/HUM	Arts and Humanities Elective
EGL 211	Technical Writing
MAT	Math Elective
VCP 210	Video Production I
ART/CSC/VCP	Program Elective
Fall II	**(18-19 credits)**
ART/CSC/VCP	Program Elective
EGL 112	Script Writing
SCI	Lab Science Elective
VCP 136	Multimedia Production I
VCP 218	Modeling and Animation I
Spring II	**(13-16 credits)**
ART/CSC/VCP	Program Elective
ART/CSC/VCP	Program Elective
VCP 279 or VCP 289	Professional Portfolio Production Internship I
VCP 151	Introduction to Game Design

Career Opportunities

Software engineer, graphics programmer, 2D/3D artist, game developer, animator in government agencies, computer consulting firms, advertising firms, gaming/gambling industries.

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Arts and Sciences Transfer – Social Work Option

Award: Associate of Arts
Degree Code: ASWZ
Number of Credits: 70

Program Description

This program option is designed for the working adult seeking to earn an undergraduate degree in an accelerated format while continuing to work full or part-time. The degree provides skills required for an entry-level position as a social and human services assistant. The accelerated program combines theory and practice through classroom, on-line, and guided experiential experiences in a cohort learning model. The partnership agreement with Salisbury University provides access and convenience for students to complete their baccalaureate degree in social work. A bachelor's degree in social work is the minimum educational requirement for an entry-level social worker. The computer literacy requirement has been met throughout the coursework in the degree program. Students who plan to enroll in Social work Option must be college-ready at the time of admission. For accelerated studies, college-ready is defined as placing into English 101 (EGL 101) and Intermediate Algebra (MAT 093) on the skills assessments. Additional information on accelerated programs can be obtained from the Admissions Office (admissions@cecil.edu) or designated academic advisors.

Transfer Information

Cecil College has an articulation agreement with Salisbury University. Students satisfactorily completing the Associate of Arts – Social Work Option are guaranteed admission to Salisbury University's Social Work Program. All the courses that are needed to complete the Salisbury University Baccalaureate degree will be offered at the Cecil College's Elkton Station location. Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
ANT 101	Cultural Anthropology [SS]	3
BIO 101 and BIO 111	General Biology [S] General Biology Lab	3 1
BIO 123 or BIO 203	Foundations of Nutrition [S] Nutrition	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
EGL 209	Introduction to African-American Literature [H]	3
HEA 140	Alcoholism and Drug Addiction	3
HST 101	Western Civilization I [H]	3
HST 102	Western Civilization II [H]	3
MAT 127	Introduction to Statistics [M]	4
PHI 201	Ethics - Contemporary Moral Problems [H]	3
PSY 101	Introduction to Psychology [SS]	3
SCI	Lab Science Elective[1] [SL]	4
SOC 101	Introduction to Sociology [SS]	3
SOC 102	Social Problems [SS]	3
SOC 103	Family and Marriage [SS]	3
SPH 141	Public Speaking [H]	3
SWK 101	Introduction to Social Work [SS]	3
SWK 102	Basic Interviewing Skills	3
SWK 201	Social Welfare Policy Research and Experience	3
SWK 202	Elder Care Experiential Learning	2
SWK 203	Substance Abuse Experiential Learning	3

[1] Science elective must be a course designation other than BIO.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Session I	(9 credits)
EGL 101	Freshman Composition
PSY 101	Introduction to Psychology
SOC 101	Introduction to Sociology
Session II	**(9 credits)**
SPH 141	Public Speaking
SWK 101	Introduction to Social Work
ANT 101	Cultural Anthropology
Session III	**(9 credits)**
EGL 102	Composition and Literature
SOC 102	Social Problems
SWK 102	Basic Interviewing Skills
Session IV	**(10 credits)**
EGL 209	Introduction to African-American Literature
MAT 127	Introduction to Statistics
HEA 140	Alcoholism and Drug Addiction
Session V	**(9 credits)**
HST 101	Western Civilization I
SOC 103	Family and Marriage
SWK 201	Social Welfare Policy Research Experiential Learning
Session VI	**(10 credits)**
HST 102	Western Civilization II
BIO 101 and BIO 111	General Biology General Biology Lab
SWK 203	Substance Abuse Experiential Learning
Session VII	**(14 credits)**
PHI 201	Ethics - Contemporary Moral Problems
SCI	Lab Science Elective (designation other than BIO)
BIO 203 or BIO 123	Nutrition Foundations of Nutrition
SWK 202	Elder Care Experiential Learning
ACT	Activity Electives

Career Opportunities

Public welfare, criminal justice and corrections, school social work, child welfare, gerontology, health care, community agencies, research and education.

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Arts and Sciences Transfer – Performing Arts Option – Theatre Performance / Acting

Award: Associate of Arts
Degree Code: APAT
Number of Credits: 63-65

Program Description

The Theatre Performance/Acting program provides students with training in classical and contemporary approaches to performance, scene study, voice techniques, and movement. Examination of various theatrical genres and the masters of acting techniques culminate in a live performance each semester. The program helps students to prepare for transfer to a four-year institution, internships, employment, or career advancement in the areas of performance and performance education. This is accomplished in an open access, optimal learning environment for students' educational, cultural, and economic development.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ARTS/HUM	Arts and Humanities Elective [H][1] (Choose from MUC or ART disciplines)	3
CIS 101	Introduction to Computer Concepts [I]	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT	Math Elective [M]	3-4
SCI	Lab Science Electives [S/SL][2]	7-8
SOC SCI	Social Science Electives [SS][3]	6
THE 184	Introduction to Acting for Screen and Stage [H]	3

Program Requirements

Number	Title	Credits
THE 104	Script Analysis	3
THE 106	Voice for Actors I	3
THE 108	Movements for Actors	3
THE 121	Introduction to Theatre Design	3
THE 160	Acting I	3
THE 164	Applied Theatre I	1
THE 261	Acting II	3
THE 262	Theatre History I	3
THE 263	Directing I	3
THE 264	Applied Theatre II	1
THE 275	Theatre History II	3
THE 103 or THE 215 or THE 216 or MUC 128 or THE 220	Stagecraft I Scenic Design Lighting Design Intro to Audio Technology [I] Stage Management	3

[1] See the current approved general education courses in this category.
[2] Courses must be from two different disciplines. At least one course must include a corresponding lab.
[3] Courses must be from two different disciplines.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(15 credits)
THE 106	Voice for Actors I
THE 160	Acting I
THE 121	Introduction to Theatre Design
EGL 101	Freshman Composition
ARTS/HUM	Arts and Humanities Elective (ART or MUC disciplines)
Spring I	**(15 credits)**
THE 104	Script Analysis
THE 262	Theatre History I
THE 164	Applied Theatre I
EGL 102	Composition and Literature
THE 184	Introduction to Acting for Screen and Stage
Summer I	**(6-7 credits)**
MAT	Math Elective
SCI	Lab Science Elective
Fall II	**(15 credits)**
CIS 101	Introduction to Computer Concepts
THE 261	Acting II
THE 275	Theatre History II
THE	Theatre Elective (THE 103, 215, 216, 220, or MUC 128)
SOC SCI	Social Science Elective
Spring II	**(13-14 credits)**
THE 108	Movement for Actors
THE 263	Directing I
THE 264	Applied Theatre II
SCI	Lab Science Elective
SOC SCI	Social Science Elective

Career Opportunities

Performing, directing and producing, set design and construction, sound and lighting, camera operation, stage management, writing (scripts, plays, journalism) and teaching.

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Visual Communications – Video Production Option

Award: Associate of Applied Science
Degree Code: VVPZ
Number of Credits: 66-67

Program Description

This program option provides high quality, hands-on, career education in television, film, documentary, industrial, and commercial video production. The program helps students prepare for initial employment, career advancement, and transfer to four-year colleges and universities.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ACT	Activity Electives	2
ARTS/HUM	Arts and Humanities Elective [H]	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT	Math Elective [M]	3-4
PSY or SOC	Psychology Elective [SS] Sociology Elective [SS]	3
SCI	Lab Science Electives [S/SL]	4

Program Requirements

Number	Title	Credits
EGL 112	Scriptwriting I	3
EGL 213	Introduction to Film [H]	3
VCP 101	Photography I	4
VCP 111	Studio Photography I	4
VCP 116	Digital Imaging I	2
VCP 117	Digital Imaging II	2
VCP 210	Video Production I	4
VCP 212	Video Production II	4
VCP 214	Video Production II	4

Program Electives - Select 15 Credits

Number	Title	Credits
ART 141	Survey of Art History [H]	3
ART 181	Introduction to Movie Making [H]	3
ART 183	Digital Illustration I	4
BUS 212	Principles of Marketing	3
CIS 101	Introduction to Computer Concepts [I]	3
EGL 212	Scriptwriting II	3
HST 252	American Diversity Through Film	3
SPH 141	Public Speaking [H]	3
THE 184	Introduction to Acting for Screen and Stage [H]	3
VCP 118	Digital Imaging III	4
VCP 119	Digital Imaging IV	4
VCP 136	Multimedia Production I	4
VCP 211	Studio Photography II	4
VCP 215	Guerrilla Filmmaking	4
VCP 218	Modeling and Animation I	4
VCP 233	Fictional Photography	4

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(17 credits)
EGL 101	Freshman Composition
PSY or SOC	Psychology Elective Sociology Elective
VCP 101	Photography I
VCP 116	Digital Imaging I
VCP 117	Digital Imaging II
ARTS/HUM	Arts and Humanities Elective
Spring I	**(18-20 credits)**
VCP 111	Studio Photography I
VCP 210	Video Production
EGL 112	Scriptwriting I
ACT	Activity Elective(s)
EGL 102	Composition and Literature
MAT	Math Elective
Fall II	**(17-18 credits)**
VCP 212	Video Production II
SCI	Lab Science Elective
ELECT	Program Electives (Select from ART, BUS, CIS, EGL, HST, SPH, THE and VCP)
ACT	Activity Elective(s)
Spring II	**(14-15 credits)**
VCP 214	Video Production III
EGL 213	Introduction to Film
ELECT	Program Electives (Select from ART, BUS, CIS, EGL, HST, SPH, THE and VCP)

Career Opportunities

Camera operator, television production assistant, TV, film or video producer, video editor.

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Visual Communications – Communication Arts and Technology Option - Web Design and Multimedia

Award: Associate of Applied Science
Degree Code: CAWM
Number of Credits: 63-65

Program Description

This program option provides professional quality, hands-on, creative and technical skills for applying principles of web design and multimedia production. Students will develop a strong foundation in web site planning and design, digital image manipulation, multimedia systems, current web technologies and standards, sound, video, and animation. The program helps students transfer to four-year colleges and universities, as well as, initial employment and career advancement. Students are also prepared to test for Network+ Certification, iNet+ Certification, WOW Certification, and CIW Designer Certification.

The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ART 180	Basic Photography [H]	3
CSC 202	Creative Design [I]	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
GEN ED	General Education Elective	3
MAT	Math Elective [M]	3-4
SCI	Science Electives[1] [S/SL]	7-8
SOC SCI	Social Science Electives[2] [SS]	6

Program Requirements

Number	Title	Credits
CSC 109	Introduction to Programming	3
CSC 140	Introduction to Networking	3
VCP 116	Digital Imaging I	2
VCP 117	Digital Imaging II	2
VCP 118	Digital Imaging III	4
VCP 119	Digital Imaging IV	4
VCP 136	Multimedia Production I	4
VCP 144	Web Design I - Design Fundamentals	3
VCP 244	Web Design II - Advanced Design	3

Program Electives - Select 4 Credits

Number	Title	Credits
VCP 210	Video Production I	4
VCP 279 or VCP 289	Professional Portfolio Production Internship I	4

[1] At least one of the courses must include a lab.
[2] Courses must be from two different disciplines.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(16 credits)
EGL 101	Freshman Composition
SOC SCI	Social Science Elective
ART 180	Basic Photography
VCP 144	Web Design I - Design Fundamentals
VCP 116	Digital Imaging I
VCP 117	Digital Imaging II
Spring I	**(16 credits)**
VCP 118	Digital Imaging III
VCP 244	Web Design II - Advanced Design
CSC 202	Creative Design
EGL 102	Composition and Literature
SOC SCI	Social Science Elective
Fall II	**(16-18 credits)**
CSC 109	Introduction to Programming
CSC 140	Introduction to Networking
VCP 119	Digital Imaging IV
MAT	Math Elective
SCI	Science Elective
Spring II	**(15 credits)**
VCP 279 or VCP 289 or VCP 210	Professional Portfolio Production Internship I Video Production I
VCP 136	Multimedia Production I
GEN ED	General Education Elective
SCI	Lab Science Elective

Career Opportunities

Web graphic designer, instructional designer, media communications consultant, web graphic animator, web page designer.

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Visual Communications – Communication Arts and Technology Option – Web Development

Award: Associate of Applied Science
Degree Code: CAWD
Number of Credits: 64-65

Program Description

This program option provides professional quality, hands-on education and technical skills for applying principles of web design using HTML, scripting languages, program languages and database integration. The program helps students prepare for initial employment, career advancement, and transfer to four-year colleges and universities. Students are also prepared to test for Network+ Certification, iNet+ Certification, WOW Certification, and CIW Designer Certification.

The computer literacy requirement will be met throughout the course work in the degree program.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Click on "Transfer Opportunities" in MyCecil under the Advising Tab for a list of transfer pathways. In addition, transfer information is available through ARTSYS (The Articulation System of Maryland). Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ART 180	Basic Photography [H]	3
CSC 202	Creative Design [I]	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
GEN ED	General Education Elective	3
MAT	Math Elective [M]	3-4
SCI	Science Electives[1] [S/SL] (one lab science required)	7
SOC SCI	Social Science Electives[1] [SS]	6

Program Requirements

Number	Title	Credits
CSC 109	Introduction to Programming	3
CSC 132	Data Base Management	3
CSC 140	Introduction to Networking	3
CSC 148	Server-Side Scripting with ASP	3
CSC 182	Scripting Languages	3
VCP 144	Web Design I - Design Fundamentals	3
VCP 244	Web Design II - Advanced Design	3
VCP 279 or VCP 289	Professional Portfolio Production Internship I	4

Program Electives - Select 8 Credits

Number	Title	Credits
ART 101	Fundamentals of Design [H]	3
ART 181	Introduction to Movie Making [H]	3
BUS 103	Introduction to Business	3
BUS 212	Principles of Marketing	3
CIS 101	Introduction to Computer Concepts [I]	3
CSC 103	Operating Systems	3
CSC 131	Visual Basic Programming	3
VCP 116	Digital Imaging I	2
VCP 117	Digital Imaging II	2
VCP 118	Digital Imaging III	4
VCP 136	Multimedia Production I	4
VCP 210	Video Production I	4

[1] Courses must be from two different disciplines.

Recommended Sequence

The following is a recommended sequence of courses for completing this program as a full-time student. Developmental and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Students should consult their degree audit at MyCecil or an academic advisor for individual degree planning.

Fall I	(14-16 credits)
ART 180	Basic Photography
EGL 101	Freshman Composition
SOC SCI	Social Science Elective
VCP 144	Web Design I - Design Fundamentals
ELECT	ART/BUS/CIS/CSC/VCP Elective(s) in consultation with VCP Director
Spring I	**(15-18 credits)**
ELECT	ART/BUS/CIS/CSC/VCP Elective(s) in consultation with VCP Director
CSC 202	Creative Design
EGL 102	Composition and Literature
SOC SCI	Social Science Elective
VCP 244	Web Design II - Advanced Design
Fall II	**(15-17 credits)**
CSC 109	Introduction to Programming
CSC 140	Introduction to Networking
CSC 132	Data Base Management
MAT	Math Elective
SCI	Science Elective
Spring II	**(17 credits)**
VCP 279 or VCP 289	Professional Portfolio Production Internship I
CSC 148	Server-Side Scripting with ASP
CSC 182	Scripting Languages
GEN ED	General Education Elective
SCI	Lab Science Elective

Career Opportunities

Webmaster, web programmer, interface designer, web administrator, web technologist.

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Art – Ceramics

Gainful Employment Disclosure

Award: Certificate
Degree Code: CERC
Number of Credits: 13-15

Program Description

This program provides a comprehensive foundation in ceramics for individuals seeking professional development or self-enrichment, or is for individuals planning continued study in the field of ceramics. Students will learn a variety of building, decorating and firing techniques and begin to develop their own creative vision.

Required Courses

Number	Title	Credits
ART 160	Beginning Ceramics	3
ART 161 or ART 167	Ceramics/Japanese Raku Ceramics/Japanese Raku	1 3
ART 169	Ceramics/Majolica Glaze Painting	3
ART 194 or ART 261	Wheel Thrown Ceramics Advanced Ceramics	3
ART 260	Intermediate Ceramics	3

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Art – Drawing and Painting

Award: Certificate
Degree Code: DAPC
Number of Credits: 24

Gainful Employment Disclosure

Program Description

This program provides a strong foundation in the area of drawing. Emphasis is on the development of observational skills, technical ability and ultimate application to envisioned images. Students work with various techniques and materials to create convincing illusions of three-dimensional forms and spatial depth.

Required Courses

Certificate Requirements

Number	Title	Credits
ART 101 or ART 110	Fundamentals of Design I Color	3
ART 130	Drawing I	3
ART 140	Painting I	3
ART 230 or ART 240	Drawing II Painting II	3
ART 232	Figure Drawing	3

Certificate Electives – Select 9 Credits

Number	Title	Credits
ART 132	Landscape and Nature Drawing	3
ART 142	Landscape and Nature Drawing	3
ART 230	Drawing II	3
ART 231	Portrait Drawing	3
ART 240	Painting II	3
ART 241	Portrait Painting	3

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Business and Commerce Technology - Accounting

Award: Certificate
Degree Code: ACCL
Number of Credits: 18

Gainful Employment Disclosure

Program Description

The goal of this certificate is to provide a defined course of study for those working in the field who do not have the necessary college-level course work for their positions. This certificate is not recommended for beginning students who are not working in the specific fields addressed by this certificate.

Required Courses

Number	Title	Credits
ACC 101	Accounting I	3
ACC 102	Accounting II	3
ACC 203	Tax Accounting	3
ACC 201	Accounting III	3
ACC 202	Accounting IV	3
ACC 205	Business Spreadsheet Applications	3

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Business and Commerce Technology – Management

Award: Certificate
Degree Code: BCML
Number of Credits: 18

Gainful Employment Disclosure

Program Description

The goal of this certificate is to provide a defined course of study for those working in the field who do not have the necessary college-level course work for their positions. This certificate is not recommended for beginning students who are not working in the specific fields addressed by this certificate.

Required Courses

Number	Title	Credits
ACC 101	Accounting I	3
ACC 102	Accounting II	3
BUS 131	Principles of Management	3
BUS 212	Principles of Marketing	3
	Program Electives - Select 6 Credits	
BUS 216	Organizational Leadership	3
BUS 231	Management of Human Resources	3
BUS 244	Organizational Behavior	3

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Computer Information Systems – Oracle Certified Associate

Award: Certificate
Degree Code: OCAC
Number of Credits: 15

Gainful Employment Disclosure

Program Description

This program will prepare students to work in entry level and mid-level career positions as database administrators and database designers installing, configuring, programming, and managing Oracle databases. Students will complete coursework and hands-on requirements Skills that are within industry standards to prepare the student for potential Oracle OCA certification.

Required Courses

Number	Title	Credits
CSC 104	Computer Science Fundamentals	3
CSC 163	Database Design Principles	3
CSC 161	Oracle I - Introduction to SQL	3
CSC 263	Oracle III - Database Fundamentals I	3
CSC 265	Oracle V - Database Security and Auditing	3

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Computer Information Systems – Oracle Certified Professional

Award: Certificate
Degree Code: OCPC
Number of Credits: 18

Gainful Employment Disclosure

Program Description

This program will prepare students to work in entry level and mid-level career positions as database administrators and database designers installing, configuring, programming, and managing Oracle databases. Students will complete coursework and hands-on requirements for skills that are within industry standards to prepare the student for potential Oracle OCP certification.

Required Courses

Number	Title	Credits
CSC 104	Computer Science Fundamentals	3
CSC 163	Database Design Principles	3
CSC 161	Oracle I - Introduction to SQL	3
CSC 260	Oracle II - Database Programming SQL	3
CSC 263	Oracle III - Database Fundamentals I	3
CSC 264	Oracle IV - Database Fundamentals II	3

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Computer Information Systems – Programming Certificate

Award: Certificate
Degree Code: CCPC
Number of Credits: 29

Gainful Employment Disclosure

Program Description

This certificate develops skills in programming and various languages as well as providing basic courses in operating systems, Web programming, business systems, networking and data communications.

Required Courses

Number	Title	Credits
CSC 103	Operating Systems I	3
CSC 104	Computer Science Fundamentals	3
CSC 109	Introduction to Programming	3
CSC 140	Introduction to Networking	3
CSC 160	Introduction to Data Communications	3
CSC 201	Business Systems Analysis and Design	4
CSC 203 or CSC 204	Seminar in Information Systems	1
CSC	Computer Science Electives (any CSC course)	6
VCP 144	Web Design I - Design Fundamentals	3

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Cyber Security

Award: Certificate
Degree Code: CECY
Number of Credits: 28

Program Description

The Cyber Security Certificate provides students with the skills, knowledge and credentials to successfully begin a career in the field of Cyber Security. Cyber Security specialists apply computer security techniques to work with industry, government, and academia to solve computer networking and security related challenges.

Required Courses

Number	Title	Credits
CSC 104	Computer Science Fundamentals	3
CSC 110	Ethics in Information Technology	3
CSC 140	Introduction to Networking[1]	3
CSC 141	Computer Network Security Fundamentals[1]	3
CSC 156	Introduction to Windows Server 2008[1]	3
CSC 151	Introduction to Computer Forensics and Investications[1]	3
CSC 225	Tactical Perimeter Defense	3
CSC 235	Strategic Infrastructure Security	3
CSC 258	Cisco Certified Network Associate[1]	4

[1] Certification option courses.

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Visual Communications – Digital Imaging

Award: Certificate
Degree Code: VDIC
Number of Credits: 15-16

Gainful Employment Disclosure

Program Description

This certificate prepares students for entry-level employment in digital imaging. Job titles include digital imager, imaging technician, graphic artist, and paginator. Employment responsibilities in these areas includes: scanning, image enhancement, image manipulation, and page layout. The certificate program courses may be used in satisfying degree requirements.

Required Courses

Certificate Requirements

Number	Title	Credits
VCP 116	Digital Imaging I	2
VCP 117	Digital Imaging II	2
VCP 118	Digital Imaging III	4

Program Electives – Select 7-8 Credits

Number	Title	Credits
ART 180	Basic Photography	3
VCP 101	Photography I	4
VCP 111	Studio Photography I	4
VCP 119	Digital Imaging IV	4
VCP 120	Digital Imaging V	4
VCP 136	Multimedia Production I	4
VCP 210	Video Production I	4
VCP 212	Video Production II	4
VCP 222	Photojournalism I	4
VCP 230	Graphic Design Studio	4

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Equine Studies

Award: Certificate
Degree Code: ESTC
Number of Credits: 25

Gainful Employment Disclosure

Program Description

This certificate is designed for students interested in developing skills and knowledge that will prepare them for a career in the equine industry. This option is designed for those students who may not be interested in obtaining a degree, or who may wish to set a more-attainable goal while completing a defined course of study.

Required Courses

Number	Title	Credits
BUS 103	Introduction to Business	3
EQS 139	Introductory Basic Horse Handling	2
EQS 142 or EQS 145 or EQS 148	Introduction to Equine Care and Maintenance Equine Health and Maintenance Equine Anatomy and Physiology	3
EQS 144	Equine Nutrition and Feeding	3
EQS 146	Introductory Equine Field Study	2
EQS 241 or EQS 243 or EQS 245	Equine Facilities Management Business Management in the Horse Industry Equine Pasture and Land Management	3
EQS 242	Equine Reproduction, Evaluation and Selection	3
EQS 248	Equine Pathology	3
SPN 101	Beginning Spanish I	3

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Equine Studies – Management

Award: Certificate
Degree Code: ESMC
Number of Credits: 17

Gainful Employment Disclosure

Program Description

This certificate focuses on business concepts and issues in the operation of equine enterprises. It is designed for those students who may not be interested in obtaining a degree, or who may wish to set a more-attainable goal while completing a defined course of study that provides a broad-based perspective of the Equine industry.

Required Courses

Number	Title	Credits
BUS 103	Introduction to Business	3
EQS 139	Introductory Basic Horse Handling	2
EQS 142 or EQS 145 or EQS 148	Introduction to Equine Care and Maintenance Equine Health Maintenance Equine Anatomy and Physiology	3
EQS 241	Equine Facilities Management	3
EQS 243	Business Management in the Horse Industry	3
SPN 101	Introduction to Spanish	3

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Business and Commerce Technology – Government Contracting

Award: Certificate
Degree Code: GOVC
Number of Credits: 24

Gainful Employment Disclosure

Program Description

This program will prepare individuals to work within a procurement environment after meeting qualification standards for Contract Specialists as outlined in the U.S. Office of Personnel Management Operating Manual.

Required Courses

Number	Title	Credits
BUS 131	Principles of Management	3
BUS 108	Principles of Purchasing	3
PRO 110	Procurement of Acquisition I	3
PRO 120	Principles of Pricing	3
PRO 121	Legal Issues in Government Procurement	3
PRO 210	Procurement and Acquisition II	3
PRO 220	Pricing and Contract Integration	3
PRO 230	Procurement Contract Negotiation	3

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Transportation and Logistics – Government Logistics Option

Award: Certificate
Degree Code: TLLC
Number of Credits: 21

Gainful Employment Disclosure

Program Description

The Certificate in Government Logistics will prepare individuals to work within a Government Logistics environment after meeting the qualifications required to meet the standards for general schedule positions outlined in the U.S. Office of Personnel Management Operating Manual, to include: Government Service (GS) GS-346 Logistics Management, GS-2003 Supply Program Management, and GS-2010 Inventory.

Required Courses

Number	Title	Credits
TRL 101	Introduction to Logistics	3
TRL 107	Supply Chain Management	3
TRL 104	Defense Acquisitions Management Overview	3
TRL 110	Transportation and Warehousing	3
TRL 130	Production and Operations Management	3
TRL 230	Product Lifecycle Management	3
TRL 240	Integrated Logistics Management	3

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Visual Communications – Graphic Design

Gainful Employment Disclosure

Award: Certificate
Degree Code: VGDC
Number of Credits: 22

Program Description

This certificate prepares students for entry-level employment in print preparation and electronic publishing. Job titles include graphic designer, colorist, scanner operator, digital imager, pre-press technician. The certificate program courses can be used in satisfying degree requirements.

Required Courses

Number	Title	Credits
ART 101	Fundamentals of Design I	3
ART 130 or ART 140 or ART 180	Drawing I Painting I Basic Photography	3
VCP 116	Digital Imaging I	2
VCP 117	Digital Imaging II	2
VCP 118	Digital Imaging III	4
VCP 119	Digital Imaging IV	4
VCP 230	Graphic Design Studio	4

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Horticultural Science

Award: Certificate
Degree Code: HTSC
Number of Credits: 16

Gainful Employment Disclosure

Program Description

The Horticultural Science Certificate provides a foundation in the knowledge, skills, and training required for occupations in the horticulture industry or further studies in the plant sciences. Students will identify plants and their cultural requirements, identify landscape uses for plant materials, soil nutrients and amendments, and gain an understanding of the materials, and methods used in landscape construction.

Required Courses

Certificate Requirements

Number	Title	Credits
BIO 104 and	Botany: Introduction to Horticulture	3
BIO 114	Botany: Introduction to Horticulture Lab	1
HCS 152	Soils and Fertilizers	3
HCS 153 or	Landscaping Construction and Maintenance	3
HCS 154	Botanical Garden Studies	

Program Electives - Select 6 Credits

Number	Title	Credits
HCS 155 or	Woody Plants Identification I	2
HCS 156 or	Herbaceous Plants I	2
HCS 160 or	Woody Plants Identification II	2
HCS 161	Herbaceous Plants II	2

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Transportation and Logistics – Commercial Transportation

Award: Certificate
Degree Code: TLCC
Number of Credits: 30

Gainful Employment Disclosure

Program Description

This certificate is designed for the individual who is working in the movement of raw materials and freight to manufacturing, warehousing, and retail facilities. Careers include distribution manager, traffic manager, truck driver dispatcher, logistics salesman, and freight-forwarder. Students who currently possess a valid Commercials Driver's License (CDL) may petition to receive college credit for previous licensures and experience through the credential assessment process.

Required Courses

Number	Title	Credits
BUS 103	Introduction to Business	3
BUS 111	Business Communications	3
BUS 131	Principles of Management	3
CIS 101	Introduction to Computer Concepts	3
TRL 101	Introduction to Logistics	3
TRL 105	Professional Driver's Knowledge	3
TRL 106	Professional Commercial Driver's Skills	6
TRL 110	Transportation and Warehousing	3
TRL 130	Production and Operations Management	3

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Transportation and Logistics – Transportation Management

Award: Certificate
Degree Code: TLTC
Number of Credits: 21

Gainful Employment Disclosure

Program Description

This program option is specifically designed for those individuals who are working or who wish to pursue a career in transportation and management of transportation systems. Careers would include, but are not limited to transportation manager, route planner, physical distribution manager, distribution planning analyst, and transportation marketer and operations manager. When coupled with a degree from one of our four-year partners, students will have even greater opportunity and earning potential.

Required Courses

Number	Title	Credits
BUS 103	Introduction to Business	3
BUS 108	Principles of Purchasing	3
TRL 101	Introduction to Logistics	3
TRL 107	Supply Chain Management	3
TRL 110	Transportation and Warehousing	3
TRL 130	Production and Operations Management	3
TRL 210	Transportation Management	3

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Business and Commerce Technology – Marketing

Award: Certificate
Degree Code: BCMA
Number of Credits: 22

Program Description

This certificate in marketing will prepare students for entry into the field of marketing. The Marketing Certificate addresses identification of customer needs as well as how to communicate information about the products and services to both actual and potential customers. Additionally, this certificate introduces pricing strategies, sales strategies, and specific advertising strategies to help organizations sell their products and services and thus satisfy customer needs and wants.

Transfer Information

Cecil College has articulation agreements with Maryland and regional institutions. Contact your advisor for detailed information.

Required Courses

Number	Title	Credits
BUS 103	Introduction to Business	3
BUS 212	Principles of Marketing	3
BUS 187	Business Ethics	3
BUS 207	Introduction to Public Relations	3
BUS 242	Advertising	3
BUS 243	Personal Selling	3
VCP 116	Digital Imaging I	2
VCP 117	Digital Imaging II	2

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Practical Nursing

Award: Certificate
Degree Code: LPNC
Number of Credits: 35

Gainful Employment Disclosure

Program Description

The certificate is designed to give the student who has successfully completed the first two semesters of the nursing program and the summer Practical Nursing option an opportunity to enter the profession of nursing at the Licensed Practical Nursing level. Successful completion of the summer Practical Nursing option prepares the student for the National Council Licensure Examination – Practical Nurse (NCLEX-PN). The certificate program has specific objectives that correlate with the College's educational goals. These specific objectives are described in the Nursing Student's Manual. Information on program admission, selection policies and procedures, and eligibility criteria is located on pages 5-7 of this catalog.

Required Courses

Number	Title	Credits
BIO 208 and	Human Anatomy and Physiology I	3
BIO 218	Human Anatomy and Physiology I Lab	1
BIO 209 and	Human Anatomy and Physiology II	3
BIO 219	Human Anatomy and Physiology II Lab	1
EGL 101	Freshman Composition	3
LPN 201	Care of Childbearing/Childrearing Families	2
LPN 205	Advanced Medical/Surgical and Psychiatric Theory	2
LPN 206	Professional, Legal and Ethical Issues	1
LPN 211	Clinical Lab III: Care of Childbearing/Childrearing Families	1
LPN 215	Clinical Lab IV: Medical/Surgical/Psychiatric	1
NUR 101	Concepts and Processes in Nursing	2
NUR 104	Nursing Fundamentals Theory	5
NUR 105	Care of Adult and Aging Clients	4
NUR 114	Clinical Lab I: Nursing Fundamentals	2
NUR 115	Clinical Lab II: Medical/Surgical Settings	4

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Personal Trainer/Fitness Manager

Award: Certificate
Degree Code: PTFC
Number of Credits: 20

Gainful Employment Disclosure

Program Description

The Personal Trainer/Fitness Manager Certificate program prepares individuals for entry into careers that involve the assessment, motivation, education, and training of clients regarding their health and fitness needs. Successful completion of this certificate program prepares students for entry level certification as a Personal Trainer. Students have the option to continue their studies and earn their Associate of Science in Exercise Science.

Required Courses

Number	Title	Credits
BUS 103	Introduction to Business	3
HEA 130	Healthful Living	3
BIO 203	Nutrition	3
FWS 110	Fundamentals of Personal Training I	3
FWS 111	Fundamentals of Personal Training I Lab	3
FWS 120	Fundamentals of Personal Training II	3
FWS 121	Fundamentals of Personal Training II Lab	3
FWS 130	Essentials of Fitness Assessments	3

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Visual Communications – Basic Photography

Award: Certificate
Degree Code: BAPC
Number of Credits: 15-16

Gainful Employment Disclosure

Program Description

This Certificate prepares students for apprenticeship employment in photography or digital imaging. Job titles include assistant photographer, lab technician, digital imager, and photographic retail sales representative. Employment responsibilities in these areas include: photographing, digital imaging, and sales. The Certificate program courses can be used in satisfying degree program requirements.

Required Courses

Certificate Requirements

Number	Title	Credits
VCP 101	Photography I	4
VCP 111	Studio Photography I	4

Program Electives - 7-8 Credits

Number	Title	Credits
ART 180	Basic Photography	3
VCP 110	Portrait Photography	4
VCP 116	Digital Imaging I	2
VCP 117	Digital Imaging II	2
VCP 118	Digital Imaging III	4
VCP 210	Video Production I	4
VCP 211	Studio Photography II	4
VCP 222	Photojournalism I	4
VCP 223	Photojournalism II	4
VCP 224	Nature and Wildlife Photography	4
VCP 233	Fictional Photography	4
VCP 270	Portfolio Production I	4
VCP 271	Portfolio Production II	4

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Visual Communications – Portfolio Production

Award: Certificate
Degree Code: POPC
Number of Credits: 27-28

Gainful Employment Disclosure

Program Description

This certificate prepares students for initial employment in photography and/or digital imaging. Job titles include commercial photographer, portrait photographer, photojournalist, industrial photographer, videographer, digital imager, and photographic lab manager. Employment responsibilities in these areas include photography, digital processing and printing, digital imaging and marketing. The certificate courses may be used in satisfying degree requirements.

Required Courses

Certificate Requirements

Number	Title	Credits
VCP 101	Photography I	4
VCP 111	Studio Photography I	4
VCP 116	Digital Imaging I	2
VCP 117	Digital Imaging II	2

Program Electives - 15-16 Credits

Number	Title	Credits
ART 180	Basic Photography	3
VCP 110	Portrait Photography	4
VCP 118	Digital Imaging III	4
VCP 119	Digital Imaging IV	4
VCP 136	Multimedia Production I	4
VCP 211	Studio Photography II	4
VCP 222	Photojournalism I	4
VCP 224	Nature and Wildlife Photography	4
VCP 230	Graphic Design Studio	4
VCP 233	Fictional Photography	4
VCP 270	Portfolio Production I	4
VCP 271	Portfolio Production II	4
VCP 279	Professional Portfolio Production	4

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Visual Communications – Professional Photography

Award: Certificate
Degree Code: PPHC
Number of Credits: 40

Gainful Employment Disclosure

Program Description

This certificate prepares students for initial employment in photography, digital imaging, and video production. Job titles include: commercial photographer, portrait photographer, industrial photographer, photojournalist, videographer, digital imager, and photography lab manager. Employment responsibilities in these areas include; photographing, digital imaging, and videography.

The certificate program courses can be used in satisfying degree requirements.

Required Courses

Certificate Requirements

Number	Title	Credits
VCP 101	Photography I	4
VCP 111	Studio Photography I	4
VCP 116	Digital Imaging I	2
VCP 117	Digital Imaging II	2
VCP 118	Digital Imaging III	4
VCP 210	Video Production I	4
VCP 211	Studio Photography II	4
VCP 212	Video Production II	4
VCP 279 or VCP 289	Professional Portfolio Production Internship I	4

Certificate Electives - Select 8 Credits

Number	Title	Credits
VCP 110	Portrait Photography	4
VCP 119	Digital Imaging IV	4
VCP 222	Photojournalism I	4
VCP 233	Fictional Photography	4
VCP 224	Nature and Wildlife Photography	4

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Visual Communications – Studio Photography

Gainful Employment Disclosure

Award: Certificate
Degree Code: STPC
Number of Credits: 40

Program Description

This certificate prepares students for initial employment in photography, digital imaging, and video production. Job titles include: commercial photographer, portrait photographer, industrial photographer, photojournalist, videographer, digital imager, and photography lab manager. Employment responsibilities in these areas include; photographing, digital imaging, and videography.

The certificate program courses can be used in satisfying degree requirements.

Required Courses

Number	Title	Credits
VCP 101	Photography I	4
VCP 111	Studio Photography I	4
VCP 116	Digital Imaging I	2
VCP 117	Digital Imaging II	2
VCP 118	Digital Imaging III	4
VCP 119	Digital Imaging IV	4
VCP 210	Video Production I	4
VCP 211	Studio Photography II	4
VCP 212	Video Production II	4
VCP 222	Photojournalism I	4
VCP 279 or VCP 289	Professional Portfolio Production Internship I	4

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Visual Communications – Photography Lab

Gainful Employment Disclosure

Award: Certificate
Degree Code: PLTC
Number of Credits: 23-24

Program Description

This certificate prepares students for entry-level employment in photography. Job titles include assistant photographer, color lab technician, digital imager, and photography sales representative. Employment responsibilities include photographing, digital processing and printing, and marketing. The certificate courses may be used in satisfying degree requirements.

Required Courses

Certificate Requirements

Number	Title	Credits
VCP 101	Photography I	4
VCP 111	Studio Photography I	4
VCP 116	Digital Imaging I	2
VCP 117	Digital Imaging II	2
VCP 118	Digital Imaging III	4

Certificate Electives - Select 7-8 Credits

Number	Title	Credits
ART 180	Basic Photography	3
VCP 189	Basic Internship	4
VCP 211	Studio Photography II	4
VCP 222	Photojournalism I	4

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Visual Communications – Simulation Design and Gaming

Award: Certificate
Degree Code: SOGC
Number of Credits: 18

Gainful Employment Disclosure

Program Description

This certificate provides high quality, hands-on, career education in designing computer and video games for learning, simulations, and gaming. The certificate helps students prepare for transfer to four-year colleges and universities in an open access, optimal learning environment for students' educational development.

Required Courses

Number	Title	Credits
VCP 218	Modeling and Animation I	4
EGL 101	Freshman Composition	3
EGL 211	Technical Writing	3
VCP 116	Digital Imaging I	2
VCP 117	Digital Imaging II	2
VCP 136	Multimedia Production I	4

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Visual Communications – Video Production

Gainful Employment Disclosure

Award: Certificate
Degree Code: VIPC
Number of Credits: 20

Program Description

This certificate provides high quality, hands-on, career education in television, film, documentary, industrial, and commercial video production. The program helps students prepare for initial employment and career advancement. This is accomplished in an open access, optimal learning environment for students' educational, cultural, and economic development.

Required Courses

Number	Title	Credits
VCP 101	Photography I	4
VCP 111	Studio Photography I	4
VCP 210	Video Production I	4
VCP 212	Video Production II	4
VCP 214	Video Production II	4

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Visual Communications – Video Technology

Gainful Employment Disclosure

Award: Certificate
Degree Code: VITC
Number of Credits: 12

Program Description

This certificate provides high quality, hands-on, career education in commercial video production. The program helps students prepare for initial employment and career advancement. This is accomplished in an open access, optimal learning environment for students' educational, cultural, and economic development.

Required Courses

Number	Title	Credits
VCP 101	Photography I	4
VCP 210	Video Production I	4
VCP 212	Video Production II	4

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Visual Communications – Communication Arts and Technology – Web Design and Multimedia

Award: Certificate
Degree Code: CDMC
Number of Credits: 25

Gainful Employment Disclosure

Program Description

The web design and multimedia certificate provides high quality, hands-on, creative and technical skills for applying principles of web design using HTML, scripting languages, web management tools and digital multimedia. The program helps students prepare for initial employment and career advancement. Students are also prepared to test for WOW Certification and CIW Designer Certification.

Required Courses

Number	Title	Credits
CSC 202	Creative Design	3
VCP 116	Digital Imaging I	2
VCP 117	Digital Imaging II	2
VCP 118	Digital Imaging III	4
VCP 119	Digital Imaging IV	4
VCP 136	Multimedia Production I	4
VCP 144	Web Design I - Design Fundamentals	3
VCP 244	Web Design II - Advanced Design	3

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Visual Communications – Communication Arts and Technology – Web Development

Award: Certificate
Degree Code: CWDC
Number of Credits: 18

Gainful Employment Disclosure

Program Description

This certificate concentrates on computer technologies that are used to create interactive web sites. The program provides high quality, hands-on education and technical skills for applying principles of web design using HTML, scripting languages, program languages and database integration. The program helps students prepare for initial employment and career advancement. Students are also prepared to test for Network+ Certification, iNet+ Certification, WOW Certification, and CIW Designer Certification.

Required Courses

Number	Title	Credits
CSC 109	Introduction to Programming	3
CSC 132	Data Base Management	3
CSC 148	Server-Side Scripting with ASP	3
CSC 182	Scripting Languages	3
VCP 144	Web Design I - Design Fundamentals	3
VCP 244	Web Design II - Advanced Design	3

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Civil Engineering
Civil Engineering Technology
Clerk
Clerk Typist
Clerk Typist Office Technology
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CRJ201 **Criminal Investigation** is a study of the basic principles of investigation. This course will introduce students to the theory of investigation, search of the crime scene, questioning of witnesses and suspects, collection and preservation of evidence, sources of information, interviews and interrogations, techniques in surveillance, stakeouts, and raids for their implications in proper criminal investigative reports and court proceedings. 3 credits
Pre-requisite: CRJ101.

CRJ205 **Criminal Law** will introduce students to the general legal principles of American criminal law. This course will survey the historical development of criminal law, the elements of crime under the common law, and the fundamental theories of criminal responsibility. 3 credits
Pre-requisite: CRJ101.

CRJ206 **Correctional Counseling** will introduce students to the role of the correctional officer in counseling. The student will review counseling and intervention techniques as well as the theoretical foundations of relevant criminological studies and behavioral interventions as well as cognitive therapies, social learning models and positive psychology. 3 credits
Co-requisite: CRJ105.

CRJ211 **Probation, Parole and Community Corrections in the United States** will introduce students to the development, organization, and functions of probation, parole, and community-based correctional programs in the United States criminal justice system. Particular attention is paid to the legal, functional, and administrative aspects of these sanctions, as well as the impact on sentencing practices and offender reintegration. 3 credits
Co-requisite: CRJ105.

CRJ214 **Delinquency and Juvenile Justice** will introduce students to all aspects of juvenile justice from arrest, intake, adjudicatory hearings, dispositions, and aftercare. This course is an orientation to the divergent theories, philosophies, values, attitudes, and historical events that have contributed to the operation of the modern juvenile justice system. It will examine the legal rights of juveniles and landmark U.S. Supreme Court cases. 3 credits
Pre-requisite: CRJ101.

CRJ221 **Criminology** will introduce students to the general theories of crime causation and the impact crime has on society. This course will provide a general survey of the nature and causes of crime and efforts of the criminal justice system to predict, prevent, modify and correct this behavior. 3 credits
Pre-requisite: CRJ101.

CRJ225 **Police Organization and Administration** will introduce students to the organizational structure and administrative procedure for the implementation of police functions, recruitment, career advancement, leadership, staffing, supervision and morale. 3 credits
Pre-requisite: CRJ101.

CRJ233 **Forensic Science II** expands upon the methods of collection, preservation, and identification of physical evidence. This course emphasizes methods of examination such as fires, explosions, computer forensics, bite marks, hairs and fibers, and blood splatter patterns. The responsibilities and duties of the forensic pathologist will also be covered.
Pre-requisites: CRJ101, CRJ133.

CRJ235 **Corrections Administration** will introduce students to the history and philosophy of corrections as well as the strategic, fiscal, resource and risk management principles related to corrections administration. This course will also examine the contemporary issues of concern confronting correctional administrators. 3 credits
Co-requisite: CRJ105.

CRJ299 **Criminal Justice Externship** will enable students to connect academic course work to the knowledge, skills, and emotional challenges that are found in the professional world. The course focuses on the many issues involved in the total externship experience; especially those related to student's personal and professional development during his/her externship education. 3 credits
Pre-requisite: CRJ101.

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Economics

ECO221 **Economics-Micro (SS)** is the study of economic behavior of individual households and firms and the determination of the market prices of individual goods and services. The basics of demand, supply, elasticity, price theory, and factor markets are stressed and students are shown how to graph and explain basic economic relationships. (May be substituted as an elective in the business programs.) 3 credits
Pre-requisite: ECO222.

ECO222 **Economics-Macro (SS)** is the study of large-scale economic phenomena. Emphasis is placed on the impact of government, inflation, unemployment, and fiscal and monetary policies. International trade and currency considerations as comparative economic systems are included. (May be substituted as an elective in the business programs.) 3 credits
Pre-requisites: EGL101, MAT093.

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Education

EDU101 **Foundations of Education** is a survey course designed to introduce students to the American educational system. Students will examine the history of education, educational philosophies, student diversity, learning styles, school organization, school law, and current issues in education. 3 credits
Co-requisites: EDU102, EGL101.

EDU102 **Foundations of Education Field Experience** is the school-based companion course to Foundations of Education. Students will work with classroom teachers (minimum of 15 hours) to develop an understanding of the teaching profession, students and schools. 1 credit
Co-requisite: EDU101.

EDU131 **Principles of Early Childhood** is a foundations course, which examines early childhood education from a variety of perspectives including historical and developmental. Students will examine typical and atypical child development, learning theories, diversity, developmentally appropriate practice, teaching models, and critical issues related to teaching and child growth and development. Approved by the Maryland State Department of Education. 3 credits
Co-requisite: EDU202.

EDU132 **Early Childhood Curriculum and Methods** introduces the student to the curriculum, materials, and methods that support the creation of developmentally appropriate environments, developing curriculum based on Early Childhood Standards (NAEYC, Headstart), and differentiated instruction to meet the needs of children birth to eight years of age. 3 credits
Pre-requisite: EDU131.
Co-requisite: EDU203.

EDU145 **Introduction Outdoor Adventure Education** will provide students with the opportunity to explore the diversity of adventure/outdoor education. Students will be introduced to the historical, philosophical, psychological and social foundations of recreation and adventure. 3 credits
Pre-requisite: EDU101.
Co-requisite: EDU146.

EDU146 **Introduction to Outdoor Adventure Experiential Learning** is a site-based course that guides students through the applied learning experience. Students will work with teachers and staff to develop an understanding of outdoor adventure education programs and the professions. 1 credit
Co-requisite: EDU145.

EDU147 **Outdoor Adventure Program Planning** will provide experience in designing wilderness-based, experiential learning activities. The primary focus will be outdoor adventure education planning, implementation, and evaluation. 3 credits
Pre-requisite: EDU145.

EDU150 **Classroom Management** is designed to assist future and current teachers in the development of systematic strategies and techniques for organizing and managing classroom activities and students. Research and practitioner-based models for classroom management will be introduced and explored. Emphasis will be based on real-world solutions for creating supportive and respectful environments that encourage all students to view themselves and learning in a positive light. 3 credits

EDU180 **Exploring Teaching as a Career** is for individuals who have at least a Bachelor's degree and are exploring the profession of teaching as a career choice. Topics presented include introductory information on teaching strategies, assessment, classroom management and school culture. This one-credit course includes seven and one half hours of classroom/online instruction and six full days in a K-12 school. Students will be required to complete six days in a field placement with a mentor teacher in a public school classroom. 1 credit

EDU200 **Introduction to Childcare Administration** provides an overview of the knowledge and skills necessary to develop and operate a child care facility. Topics of special consideration may include leadership, enrollment and public relations, staff management, facilities, regulations, parent relations, and program development. 3 credits
Pre-requisite: EDU132.

EDU202 **Principles of Early Childhood-Field Experience** is the child care center/school-based companion course to Principles of Early Childhood I. Students will work with classroom teachers (minimum of 15 hours) to develop an understanding of the teaching profession, students, schools, and child care centers. 1 credit
Co-requisite: EDU131.

EDU203 **Early Childhood Curriculum and Methods Field Experience** is the childcare center/school-based companion course to Early Childhood Curriculum and Methods. Students will work with classroom teachers (minimum of 15 hours) to develop an understanding of the teaching profession, students, schools, and childcare centers. 1 credit
Co-requisite: EDU132.

EDU207 **Educational Psychology-Field Experience** is the school-based companion course to Educational Psychology (PSY207). Students will work with classroom teachers (minimum of 15 hours) to develop an understanding of the teaching profession, students, and schools. 1 credit
Co-requisite: PSY207.

EDU210 **Processes and Acquisitions of Reading** focuses on the concepts of how children learn to read, cognitive processing, and the development of language, including the structure of language and the cognitive precursors to reading acquisition. This course will also investigate the role of prior knowledge, motivation, reading difficulties, and personal significance to developing readers. 3 credits
Pre-requisite: EDU101 or permission of instructor.

EDU211 **Instruction of Reading** provides an introduction to the stages of reading development and the role of word recognition, vocabulary, and comprehension in literacy development. The course will also analyze a variety of approaches to teaching reading in order to meet the needs of a diverse student population. 3 credits
Pre-requisite: EDU210.

EDU212 **Assessment for Reading** Instruction presents important concepts for the development of a diagnostic reading and improvement program. Students will explore a variety of formal and informal assessment tools and techniques for use in the classroom. For each assessment tool, students will develop administrative procedures, explore strengths and limitations of the instruments and techniques, and develop instructional implications from the assessment results. 3 credits
Pre-requisite: EDU101.

EDU245 **Outdoor Adventure Education Leadership** will provide students with the knowledge and skills to plan, organize, and lead outdoor adventure programs in both the public and private sectors. Course material will focus on current theories and principles used in outdoor adventure programs, such as leadership theories, group dynamics, program planning and administration, environmental impact, and safety. 3 credits
Pre-requisite: EDU145.

EDU246 **Wilderness Encounters** will enable students to develop an understanding of our relationship to the natural world and wilderness, the role of wilderness in the American psyche, and effective techniques for facilitating wilderness experiences. Students will lead a wilderness experience as a part of this class. 3 credits
Pre-requisite: EDU145.

EDU247 **Wilderness First Responder** will provide students with the knowledge to make critical medical and evacuation decisions. Students will develop competencies in responding to and treating medical emergencies in wilderness settings. Completion of this course may result in certification by either Stonehearth Open Learning Opportunities (SOLO) or the National Outdoor Leadership School (NOLS) as a Wilderness First Responder. 3 credits
Pre-requisite: EDU145.

EDU248 **Ropes Initiatives Facilitation** will enable students to facilitate team building initiatives and ropes course experiences. Skills developed include group facilitation and the technical skills of rope work, belaying, and rescues. Skills are within industry standards established by the Association for Challenge Course Technology (ACCT) and Project Adventure and prepares the student for potential certification. 3 credits
Pre-requisite: EDU145.

EDU251 **Introduction to Exceptional Children and Youth** is an introductory survey of the field of special education in which the psychological, sociological, behavioral, and physical characteristics of exceptional children and youth are explored. Emphasis is placed on characteristics, issues, laws, and educational approaches to teaching the exceptional child. 3 credits
Pre-requisite: EDU101.
Co-requisite: EDU253.

EDU253 **Introduction to Exceptional Children and Youth-Field Experience** is the school-based companion course to Introduction to Exceptional Children and Youth. Students will work with classroom teachers (minimum of 15 hours) to develop an understanding of the teaching profession, exceptional students, and schools. 1 credit
Co-requisite: EDU251.

EDU260 **Children's Literature** provides opportunities to select, read, evaluate, and utilize a wide variety of children's literature from preschool through middle school. It is expected that students become familiar with various authors, poets, and illustrators of these books, as well as explore the role of children's literature across the curriculum. Resources that support the use of children's literature will also be explored. 3 credits
Pre-requisite: EGL102.

EDU263 **Teaching Reading in the Secondary Content Area I** is the first of two courses designed to meet the Maryland State Department of Education (MSDE) requirements for reading coursework for current and prospective teachers in the secondary content areas. The course introduces teachers to the assessment of student reading, cognitive strategies in reading, incorporating reading skills through student-centered instruction, and intrinsic and extrinsic motivation for reading. 3 credits

EDU264 **Teaching Reading in the Secondary Content Area II** is the second of two courses designed to meet the Maryland State Department of Education (MSDE) requirements for reading coursework for current and prospective teachers in the secondary content areas. This second course expands on Part I, focusing on types of reading, skills in reading, and instruction. 3 credits

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Engineering

PHE100 **Introduction to Autodesk Inventor** will prepare students to use the 3D solid modeling software, Autodesk Inventor, for Computer Aided Engineering. The course will cover the development of 3D parametric, solid models; assembly modeling and checking; and production of engineering drawings. Also covered are introductions to sheet metal modeling, motion analysis, and stress analysis using Finite Element Analysis (FEA). Upon completion of the course, students will be prepared to take the Autodesk Inventor Certified Associate Exam. Students will be required to complete projects, write reports, and make presentations.
3 credits
Prerequisites: EGL101, MAT121.

PHE 101 **Introduction to Engineering Design** is a project-based course that introduces the product development process. Working in teams and using modern coputer tools, students complete the design of a complex system requiring problem specification, product research, product design, product modeling and analysis, fabrication, testing, redesign and product presentation. Engineering fundamentals such as units and dimensions, CAD modeling and analysis, creation of engineering drawings, data analysis with spreadsheets, properties of materials , mechanics, heat transfer, circuits, computer programming and other engineering topics are studied. 3 credits
Co-requisite: MAT201.

PHE110 **Microstation Fundamentals** will enable students to create a basic 2D drawing using Bentley's Microstation. The student will create and edit elements and add text and dimensions to a Microstation design file. This course will help the student understand the Microstation user interface, its unique drawing technique and input settings, view windows, and mouse operation. The student will prepare a drawing for print to multiple formats including paper, image, and portable document format (pdf). 3 credits
Pre-requisites: EGL101, MAT121.

PHE120 **AutoCAD Fundamentals for Engineers** will introduce students to the use of the 2D CAD capabilities of AutoCAD to produce engineering graphics. The course will review the principles and practices of engineering drawing while covering the use of AutoCAD to produce conceptual and working engineering drawings. Upon completion of the course students will be prepared to take the AutoCAD Certified Associate exam. 3 credits
Pre-requisites: EGL101, MAT121.

PHE125 **Introduction to AutocCAD Civil 3D** leads students through the land development process using the civil engineering and surveying tool AutoCAD Civil 3D. The course will cover techniques for organizing project data, working with points, creating and analyzing surfaces, modeling road corridors, creating parcel layouts, performing grading and material calculations, and producing plans. 3 credits
Pre-requisite: PHE120.

PHE128 **Introduction to Revit Architecture** will lead students through the process of creating a building model using the 3D building information modeling software, Revit. The course will cover the use of building information modeling (BIM) in the building industry, development of 3D model elements, views, dimensions and annotations, schedules, basic structural items, drawing sheets and printing, site and topography, and rendering. 3 credits
Pre-requisites: EGL101, MAT121.

PHE130 **Solidworks Fundamentals** will introduce students to the use of the 3D solid modeling software, Solidworks. Students will cover the development of 3D models, analysis of the solid models using Finite Element Analysis (FEA), assembly modeling and checking, kinematic simulation, rapid prototyping, and production of engineering drawings. Upon completion of the course students will be prepared to take the CSWA (Certified Solidworks Associate) exam. 3 credits
Pre-requisites: EGL101, MAT121.

PHE140 **Pro/ENGINEER Fundamentals** will introduce students to the use of the 3D solid modeling software, Pro/ENGINEER, and its associated analysis tool, MECHANICA. Students will be exposed to the development of 3D models, production of engineering drawings, assembly modeling, and analysis of the solid models using finite element methods. 3 credits
Pre-requisites: EGL101, MAT121.

PHE150 **Excel for Engineers and Scientists** will introduce students to spreadsheet basics as well as the robust engineering and scientific applications of Excel for numerical calculation and data analysis. Students will learn how to compose spreadsheets, solve problems, analyze data, and present results. Students will produce structured, efficient, and documented workbooks with data entry cells, summary results and statistics cells, and commented cells. 3 credits
Pre-requisites: EGL101, MAT201.

PHE155 **SPSS for Engineers and Scientists** introduces students to the use of SPSS statistical software and its application to engineering and science. The course covers the use of SPSS in statistical analysis. Histograms, scatter plots, the normal curve, correlation, regression, law of averages, standard error, and common tests of significance are covered. 3 credits
Pre-requisite: MAT121 and completion of a college-level science or engineering course.

PHE160 **Introductory Multisim** will introduce students to the National Instruments Multisim software for entering and analyzing basic dc and ac circuit designs. Multisim software is a program that acts as a virtual electronics laboratory. Students will use the Multisim program to create electronic circuits, to simulate the circuits, and use virtual laboratory instruments to make electronic measurements. 3 credits
Pre-requisites: EGL101, MAT121.

PHE170 **LabVIEW Fundamentals** will introduce students to the use of the graphical programming language, LabVIEW, with an emphasis on its use for data acquisition and instrument control. Lab activities and projects will require students to design, write, debug, and test automation software to control real instruments. Students will develop of virtual instruments (VI's) using LabVIEW's intuitive graphical block diagrams and convenient front panels. Upon successful completion of this course, students will be prepared to take the Certified LabVIEW Associate Developer exam. 3 credits
Pre-requisites: EGL101, MAT201.

PHE175 **Advanced Topics in LabVIEW** is a project-based course that builds on the foundation gained in LabVIEW Fundamentals. This course will explore previously introduced topics in more detail and will introduce techniques for writing reliable, efficient, reusable, and maintainable code for engineering applications. Students will be required to design, produce, and test code for a range of problems involving data acquisition, machine communication, and data processing. The course will develop advanced skills in programming, problem solving, and system specification. Through project work, students will also gain an understanding of hardware topics relating to sensors and control systems. 3 credits
Pre-requisite: PHE170.

PHE180 **Matlab Fundamentals for Engineers** guides students from basic computations through engineering applications of symbolic mathematics, numerical techniques, and graphical analysis. Students will focus on problem-solving and the basics of programming, M-files, functions, plotting, matrix algebra, and numerical and graphical techniques. 3 credits
Pre-requisites: EGL101, MAT201.

PHE185 **DC, AC Circuits and Devices with Lab** covers basic circuit elements through RLC circuits. Ohm's and Kirchoff's Laws, Thevenin's and Norton's Theorems, superposition, node and mesh analysis, phasors, DC and AC steady state and transient analysis are studied. The measurement, design, and construction of circuits containing passive elements and operational amplifiers are included. Conceptual understanding will be integrated with problem solving, software simulation and lab experience. 4 credits
Pre-requisite: MAT121.

PHE211 **Statics** will introduce students to the study of the equilibrium of bodies (both solids and fluids) under the influence of various kinds of loads. Forces, moments, couples, equilibrium of a particle, equilibrium of a rigid body, analysis of trusses, frames and machines, internal forces in structural members, friction, center of gravity, centroids, composite bodies, and fluid pressure are topics which will be considered. Vector and scalar methods are used to solve problems. Conceptual understanding will be integrated with problem-solving. 3 credits
Pre-requisites: MAT202 and PHY217.

PHE212 **Dynamics** will introduce students to the study of systems of heavy particles and rigid bodies at rest and in motion. Force, acceleration, work-energy, and impulse-momentum relationships, and motion of one body relative to another in a plane and in space are topics which will be considered. Vector and scalar methods are used to solve problems. Conceptual understanding will be integrated with problem-solving.
3 credits
Pre-requisite: PHE211.

PHE213 **Mechanics of Materials** will introduce students to the study of stress and deformation of beams, shafts, columns, tanks, and other structural, machine, and vehicle members. Topics include stress transformation using Mohr's circle, centroids and moments of inertia, shear and bending moment diagrams, derivation of elastic curves, and Euler's buckling formula. Conceptual understanding will be integrated with problem-solving. 3 credits
Pre-requisite: PHE211.

PHE221 **Thermodynamics** Thermodynamics will introduce students to the interaction between heat and mechanical energy in materials and machines and its application to mechanical systems. Topics covered include first and second laws of thermodynamics, cycles, reactions, and mixtures, fluid mechanics, heat transfer, fluid-energetics laboratory, and the application of these engineering sciences to energy systems design. Conceptual understanding will be integrated with problem-solving. 3 credits
Pre-requisites: PHE211, PHY218.

PHE225 **Digital Electronics and Instrumentation with Lab** will introduce students to the science of digital design. The topics covered include: Boolean algebra, logic theorems, logic circuits and methods for their simplification (Karnaugh maps), gates, timing, arithmetic circuits, flip flops, programmable logic arrays (PLAs), sequential circuits and similar devices. The student will gain an understanding of digital design principles and will simulate, construct and analyze digital circuits using industry standard circuit design software along with a digital breadboard. Problem-solving and electrical laboratory skills will be emphasized in this course. 4 credits
Pre-requisite: PHE185 or PHY218.

PHE285 **Principles of Electric Circuits with Lab** will introduce students to the analysis, simulation, construction, and evaluation of analog electrical circuits. The topics covered include: Kirchhoff's laws, Thévenin's and Norton's theorems, node and mesh analysis, DC and AC steady state and transient analysis for first and second order circuits, operational amplifiers and diode elements, as well as Laplace transform analysis. Problem-solving, software simulation, and electrical laboratory skills will be emphasized in this course.
4 credits
Pre-requisite: PHY218.
Co-requisite: MAT246.

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English

EGL090 **Fundamental Reading Writing and Study Skills** is an entry-level literacy course that presents study, reading, and writing skills to prepare students for college coursework in all disciplines. The course presents strategies for time management, metacognition, note-taking, test preparation, and test taking. It focuses on the reciprocal skills of reading and writing and emphasizes skill building in the areas of critical reading, vocabulary development, distinguishing main ideas from details, patterns of organization, and the use of supporting details in writing. 4 credits
Co-requisite: EGL092 dependent upon assessment score.

EGL092 **Integrated Reading and Writing Level I** I students will acquire basic skills including fundamentals of grammar, critical reading, paragraph and summary writing, an introduction to essay writing, and an introduction to documentation. All aspects of this course will incorporate reading and writing as reciprocal skills. 4 credits
Pre-requisites: COL 081, EGL 090.

EGL093 **Integrated Reading and Writing Level II** offers the writing, reading, and critical thinking skills necessary for success in college-level English. Students will read and write paragraphs, essays, and summaries, as well as practice documentation and grammar. This course covers the objectives of EGL092 at a more sophisticated level and requires, in addition, persuasive writing and intermediate documentation. All aspects of this course will incorporate reading and writing as reciprocal skills. 4 credits
Pre-requisites: Appropriate placement scores OR a C or better in EGL090 and EGL092.

EGL101 **Freshman Composition (E)** teaches students the skills necessary to read college-level texts critically and to write effective, persuasive, thesis-driven essays for various audiences. The majority of writing assignments require students to respond to and synthesize texts (written and visual) through analysis and/or evaluation. Students also learn how to conduct academic research, navigate the library's resources, and cite sources properly. The course emphasizes the revision process by integrating self-evaluation, peer response, small-group collaboration, and individual conferences. Additionally, students are offered guided practice in appropriate style, diction, grammar, and mechanics. Beyond completing multiple readings, students produce a minimum of 7,500 words, approximately 5,000 words of which are finished formal writing in four-five assignments, including a 2,000-word persuasive research essay. 3 credits
Pre-requisites: C or better in COL081 and EGL093 or equivalent skills assessment.

EGL102 **Composition and Literature (H)** introduces students to the genres of fiction, poetry, and drama in order to gain a fuller understanding and appreciation of these literary forms. Several brief compositions and an analytical research paper are assigned. 3 credits
Pre-requisite: EGL101.

EGL112 **Scriptwriting I** introduces the concepts and practices used in writing fictional and commercial scripts for film and television. Topics studied include the use of literary sources (finding, adapting, and writing), storyboards, shot composition, editing, camera angles, lighting, and sound. Additional topics studied include framing the story and evaluating the methods and strategies of successful film directors. Procedures for developing the creative process are emphasized, including personal introspection, broad inquiry, group collaboration, and maximizing the impact of a film upon its audience. 3 credits
Pre-requisite: EGL101.

EGL203 **British Lit. to 18th c. (H)** covers the development of English literature from the Anglo-Saxon period to the 18th century. Through readings, class discussions, and lectures, the student should develop a critical awareness of and an appreciation for English literature and will be given at least one opportunity to express that knowledge in a brief research paper. 3 credits
Pre-requisite: Satisfactory completion of EGL102.

EGL204 **British Lit. 18th c. to Present (H)** covers the development of English literature from the 18th century to the present. Through readings, class discussions, and lectures, the student should develop a critical awareness of and an appreciation for English literature and will be given at least one opportunity to express that knowledge in a brief research paper. 3 credits
Pre-requisite: Satisfactory completion of EGL102.

EGL205 **American Lit. to 1865 (H)** surveys American literature from its beginnings to the Civil War. Through readings, class discussions, and lectures, the students should discover the ways in which writers projected their sense of the meaning of the developing American experience. Social and intellectual background will receive special emphasis. 3 credits
Pre-requisite: Satisfactory completion of EGL102.

EGL206 **American Lit. 1865 to Present (H)** covers the development of American literature from the Civil War through the present. Through readings, class discussions, and lectures, the student should discover the ways in which writers projected the meaning of the developing American experience. Social and intellectual background will receive special emphasis. 3 credits
Pre-requisite: Satisfactory completion of EGL102.

EGL209 **Introduction to African-American Literature (H)** explores the writers and themes fundamental to the African-American literary tradition from the 18th century to the present. The course introduces critical questions and paradigms that are central to the study of African-American letters and to the nation's multicultural heritage. Students should gain a greater understanding of and appreciation for African-American literature's contributions to the rich diversity that is American culture, history, and literature. Course materials include fiction, poetry, drama, literary theory, essay, autobiography, film, folktale, sermon, spirituals, blues, and contemporary music. 3 credits
Pre-requisite: EGL102.

EGL210 **Topics in World Literature (I)** places Western and non-Western works of literature in dialogue, focusing on a particular theme, time period, or genre. By featuring works of literature from five continents, the course will analyze the ways culture does and does not inform aesthetic decisions and historical interpretations. The class will address questions about how dominant narratives are created, challenged, and revised, as well as address meaningful commonalities in the literature of disparate cultures. 3 credits
Pre-requisite: EGL102.

EGL211 **Technical Writing** entails the study and practice of written communications in professional settings. In an ongoing workshop, students will be asked to think critically about rhetorical situations; analyze and address case studies; collaborate with team members; research, design, and write effective, ethical texts; develop multiple literacies for multiple audiences; respond constructively to peer writers; present texts through a variety of electronic media; and improve oral presentation and discussion skills. 3 credits
Pre-requisites: CIS101, EGL101.

EGL212 **Scriptwriting II** continues the study of writing dramatic scripts for television and film. Emphasis is placed on defining and articulating effective narrative structure. Students study successful screenplays and build their own portfolios by writing several short scenes and longer scripts. Emphasis is placed on expanding scriptwriting skills by determining each character's dramatic need, using action and dialogue, isolating emotional and dramatic elements, moving the narrative forward, and solving scriptwriting problems. 3 credits
Pre-requisite: EGL112.

EGL213 **Introduction to Film (H)** introduces students to cinematic theory, practice, and criticism. Through readings, class discussions, and lectures, the student should discover the ways in which directors communicate through the art form of film. Special emphasis will be placed on developing "cineliteracy," the literacy of the cinema. 3 credits
Pre-requisite: EGL102.

EGL214 **Introduction to Journalism** introduces students to the basics of reporting and news writing. Students will learn about researching articles, reporting, and conducting interviews, then use those skills to write several articles. Students learn the history of news coverage, news judgment, the importance of the First Amendment, and basic libel law. The course emphasizes the reporting and writing skills necessary for newswriting work. 3 credits
Pre-requisite: EGL101.

EGL215 **Introduction to Creative Writing (H)** introduces students to the techniques and practice of writing and reading the genres of poetry, fiction, and literary nonfiction with the goal of understanding the creative process of writers, the state of contemporary culture as seen in current literature, and the students' own writing process, passions, and limitations. 3 credits
Pre-requisite: EGL101.

EGL260 **Children's Literature (H)** provides opportunities to select, read, evaluate, and utilize a wide variety of children's literature from preschool through middle school. It is expected that students become familiar with various authors, poets, and illustrators of these books as well as explore the role of children's literature across the curriculum. Resources that support the use of children's literature will also be explored. 3 credits
Pre-requisite: EGL102.

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Environmental Science

ENV106 **Introduction to Environmental Science (S)** is an introduction to major changes in the local, regional and global environment and to the use of the scientific process in protecting and restoring the environment. This course includes such topics as climate change, groundwater contamination, and the reduction of the human carbon footprint. 3 credits
Co-requisites: EGL101, ENV116, MAT093 or MAT095.

ENV116 **Introduction to Environmental Science Lab** is designed to actively involve the student in the process of science. The student will perform experimental activities that include direct experience with real phenomena, use of technology, and the collection, analysis, interpretation, and presentation of data. 1 credit
Co-requisite: ENV106.

ENV150 **Introduction to Energy and Sustainability with Lab** will prepare students to investigate energy, its generation, use and conservation strategies. The dependence of physical and biological processes on energy flow in the Earth's system will be studied. The role of renewable and nonrenewable energy sources to power human activities will be explored. The influence of the economic, political, environmental and social factors on energy decisions will be examined. Field trip experiences may be required. 4 credits
Pre-requisites: EGL093 and MAT092 or appropriate skills assessment.

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Equine

EQS137 **Horseback Riding (ACT)** will allow students, through self-scheduled lessons, to earn activity credits while learning how to ride a horse or improving current riding skills. Students are required to arrange their own weekly riding lessons in consultation with a College approved instructor, at a College approved facility. Lessons are the student's expense and may be taken in any discipline: English, Western or other. 1 credit
Co-requisite: EQS139.

EQS139 **Basic Horse Handling** provides an introduction to safe handling procedures for working with a variety of horses and situations. This course will model ways a student may develop competence and self-assurance around horses. 2 credits

EQS142 **Introduction to Equine Care and Maintenance** is designed to provide a basic foundation for working with horses. Using hands-on activities, the lessons teach elements of horse ownership: general terminology, horse selection, stabling requirements, and basic care of the healthy horse. Students gain a greater understanding of conformation and selection of the horse, costs of ownership, nutrition, grooming, anatomy and care of the hoof, health care, breeds, and colors. 3 credits
Co-requisite: EQS139.

EQS144 **Equine Nutrition and Feeding** focuses on the basic concepts of nutrition and feed evaluation for horses. Students will learn to evaluate the horse's body condition, surroundings, work load, and other factors to develop a proper diet regimen for the best care of the horse. Students will also become familiar with forage analysis procedures and learn to interpret feed analysis reports. 3 credits
Pre-requisite: MAT092.

EQS145 **Equine Health and Maintenance** will provide students with knowledge and opportunities to recognize equine health parameters. Topics include general care, routine health care, equine emergencies, digestive disorders, respiratory disorders, parasites, equine dentistry, hoof care, and diagnosis, treatment, and prevention of equine lameness. Students will be exposed to the skills necessary for basic horse care as well as the treatment and prevention of common horse ailments. 3 credits
Co-requisite: EQS139.

EQS146 **Introductory Equine Field Study** is a total immersion into the equine industry focusing on the basic tasks in caring for horses. Students will work on farms throughout the area to gain hands-on practical experience in the everyday workings of running a horse business. 2 credits
Pre-requisite: EQS145.

EQS148 **Equine Anatomy and Physiology** will enable students to understand the horse's systems, growth and development. This course will cover the skeletal, muscular, circulatory, respiratory, digestive, urinary, nervous, and endocrine systems. Through this course students will acquire the knowledge and training to understand the structure and function of the horse's body. 3 credits
Co-requisite: EQS139.

EQS155 **Equine Community Service Experiential Learning** will allow students to experience many community events, practices, and stables in the equine industry. Students will be required to complete volunteer service at several different community oriented, instructor-approved equine establishments to gain valuable hands-on training. 2 credits
Pre-requisite: EQS146.

EQS241 **Equine Facilities Management** is designed to prepare students for employment in the horse industry. Hands-on activities will cover elements of farm management: stabling requirements, event management, and safe horse handling techniques. Students will be shown skills necessary for running a successful horse facility. 3 credits
Pre-requisite: EQS139.

EQS242 **Equine Reproduction Evaluation and Selection** focuses on the genetic improvement of horses. Students will actively apply lecture material in the lab each week. Topics will include mare and stallion reproductive physiology, live cover, artificial insemination, semen collection and evaluation, synthetic hormone regulation, foaling, and newborn care. Course is offered during the spring semester only. 3 credits
Pre-requisites: MAT093, EQS148.

EQS243 **Business Management in the Horse Industry** is designed to prepare students for running their own equine business. Lessons will demonstrate elements of farm management: communication, regulation, marketing, staff management, sales and service, and skills necessary for running a successful horse business. 3 credits

EQS245 **Equine Pasture and Land Management** topics include zoning and permit requirements, paddock design and maintenance, water and electric needs, erosion problems, poisonous plants, soil conditions, and seeding methods. 3 credits
Pre-requisite: EQS142.

EQS246 **Advanced Equine Field Study** builds upon the Introductory Equine Field Study course by presenting more advanced tasks in the care of horses such as hoof care, first aid techniques, and treating colic. Students will work on farms throughout the area to gain hands-on practical experience in the everyday workings of running a horse business. 2 credits
Pre-requisite: EQS146.

EQS248 **Equine Pathology** focuses on training students to recognize symptoms, diseases, and infections. Students will learn to properly identify system functions and determine areas of concern, and develop treatment options once a condition is diagnosed and confirmed. 3 credits
Pre-requisite: EQS148.

EQS253 **Judging and Course Design** will allow students to experience understand and practice judging different levels of equine conformation based on breed and show riding in both English and Western Styles. The course will focus on the dynamics of designing and setting up jump courses for both stadium jumping and cross country jumping events as well as set up for Western trail classes, speed classes and other Western events. Students will be required to attend both local English and Western shows throughout the semester.
3 credits
Pre-requisite: EQS139.

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Fitness/Wellness

FWS110 **Fundamentals of Personal Training I** will begin to prepare students for employment in the fitness industry. Students will be introduced to the functions of the musculoskeletal and cardio-respiratory systems and their roles in exercise conditioning. Additional topics will include business building and marketing, ethical standards and practices, energy metabolism, nutrition, and weight management. 3 credits
Pre-requisite: EGL093.
Co-requisite: FWS111.

FWS111 **Fundamentals of Personal Training I Lab** is the college/clinical lab for students to practice and demonstrate beginning skills associated with the personal trainer role. Emphasis will be placed on basic fitness center operations and include customer service, cleanliness, and standard operating procedures. 1 credit
Co-requisite: FWS110.

FWS120 **Fundamentals of Personal Training II** builds and expands upon the knowledge base established in Fundamentals of Personal Training I. Topics will include biomechanics, exercise physiology, advanced program design, and program design for special populations. At the conclusion of this course and its corresponding lab, the student will be eligible to take the national certification exam in personal training.
3 credits
Pre-requisites: FWS110, FWS111.
Co-requisite: FWS121.

FWS121 **Fundamentals of Personal Training II Lab** is the college/clinical lab for students to continue to practice and demonstrate skills associated with the personal trainer role. Emphasis will be placed on fitness center services which include conducting orientations and assessments, health promotion programming, and writing basic exercise prescriptions. 1 credit
Pre-requisites: FWS110, FWS111.
Co-requisite: FWS120.

FWS130 **Essentials of Fitness Assessments** introduces the student to a variety of laboratory and field assessments/tests utilized in the fitness and wellness industry. Emphasis will be placed on conducting/administering exercise tests and prescriptions; administering health screening assessments and interpreting data; and providing results counseling. Associated health benefits and risks will also be addressed. Physical fitness assessments included are tests of cardio-respiratory fitness, muscular strength and endurance, joint flexibility, body composition, and pulmonary capacity. 3 credits
Co-requisite: FWS110.

FWS135 **Physiology of Exercise** provides a basis for understanding the body's physiological responses to exercise and sport. Emphasis will be placed upon the practical application of exercise physiology principles to physical training practices. 3 credits
Pre-requisites: BIO208, BIO209, EGL101.

FWS180 **Fitness Prescription for Special Populations** emphasizes the skills and knowledge necessary to work with populations beyond the "apparently healthy." Coursework includes basic exercise prescriptions for various populations such as: youth, sports-specific, obese, pre/post natal, senior, and clientele experiencing an illness affecting health and wellness. 3 credits
Pre-requisites: BIO208, BIO218, FWS110, FWS111.
Co-requisite: BIO203.

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Geographic Information Systems

GIS101 **Geographic Information System (I)** will provide an introduction to the principles and applications of Geographic Information Systems (GIS) technology. It examines the accuracy and applications of geographic information, while emphasizing how it can be used to enhance the decision-making processes of many disciplines such as transportation and logistics, business, biology, physics, and government and planning. There will be hands-on projects that will focus on real-world problems. 3 credits

GIS111 **Advanced Geographic Information Systems** is a continuation of GIS 101. The course will utilize ArcGIS software's advanced capabilities in analyzing spatial relationships in GIS. The course also introduces students to ArcGIS's Network Analyst, Spatial Analyst, and 3D Analyst extensions, which increase the functionality and analytical power of the software in producing a GIS. 3 credits
Pre-requisite: GIS101.

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Geography

GEO101 **Physical Geography (SS)** is an introduction to geography as a discipline: its concepts, scope, and tools as well as the physical elements such as climate, land forms, natural resources, processes, and their relationships. 3 credits
Pre-requisite: EGL093.

GEO102 **Cultural Geography (SS)** examines the distribution of humanity over the globe. Human settlement, culture, and land use patterns, as well as complex factors which interact to create cultural diversity, cultural conflicts, and differences in levels of economic development, are studied. Basic map reading and interpretation skills are included. 3 credits
Pre-requisite: EGL093.

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Health

HEA130 **Healthful Living I (I)** investigates the concept of total wellness and the consequences of behavior. By defining wellness techniques and identifying risk factors, students will be able to attain their optimal level of health. The course will explore pertinent aspects of the composition of health, stress management, human sexuality, disease prevention, addictive substances, nutrition, weight control, contraception and the life cycle. 3 credits
Pre-requisite: EGL090.

HEA136 **Stress Management** is designed to assist the student in understanding the concept of stress. Students will learn to identify and assess their stressors and be able to implement techniques to assuage and eliminate stress. 3 credits
Pre-requisite: EGL090.

HEA140 **Alcoholism and Drug Addiction** focuses on the various theoretical models related to addiction and their implications in our society. Multiple aspects of the alcohol, tobacco, and other drug addiction services continuum of prevention, intervention, treatment, and aftercare will be examined. Cultural influences as well as the issues related to family, gender and disabilities will be examined. Co-occurring disorders as well as the debate regarding addiction vs. compulsive behaviors for areas such as gambling and food issues is also addressed. This course is appropriate for all students and especially for those entering any aspect of the health care professions. 3 credits

HEA173 **Human Sexuality (I)** provides the student with the opportunity to view this topic from a variety of perspectives: cultural, social, political, physical, and psychological. Issues are examined from viewpoints such as gender, individual, family, and professional roles. 3 credits
Pre-requisite: EGL090.

HEA174 **Women's Health Issues** provides an introduction to women's health concerns over the adult life span, with a primary focus on health promotion and proactive care. Common health issues affecting women from biological, medical, economic, historical, socio-cultural and political perspectives will be explored. 3 credits
Pre-requisite: EGL090.

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Health Care

HCD120 **Medical Terminology** is designed to improve the students' professional medical vocabulary. Students will build medical vocabulary, while recognizing the prefixes, suffixes, root words, combining forms and abbreviations. Topics include how to spell, define and pronounce medical terms associated with the major body systems as well as label basic anatomy and recognize common pathology terms. 3 credits
Co-requisite: EGL090.

HCD 124 Health Information Technology (HIT) will examine approaches to planning, selecting, implementing, and evaluating health information technology, focusing primarily on the use of electronic medical records (EMR), clinical decision support (CDS), data management, and computerized physician order entry (CPOE). Health Information Technology is the comprehensive management of health information across computerized systems and its secure exchange between consumers, providers, government, quality-assurance entities, and insurers. This course includes concepts of clinical and regulatory environments, as well as changes in consumer behavior. Previous experience as a medical coder is highly recommended before enrolling in this course. 3 credits
Pre-requisite: EGL093.

HCD150 **Social Media in the Health Care Setting** introduces the healthcare student to beginning concepts in social media channels available today as they apply to communications in the field of health care. The course will explore basic concepts in sociology and online privacy, investigate and use specific social media channels, as well as review HIPAA and the legal aspects of social media. Using specific examples, students will be exposed to how businesses in health care adopt social media strategies and develop policies for responsible social media use by staff and patients. 3 credits
Pre-requisite: EGL101.

HCD232 **Introduction to Clinical Pharmacology** will introduce the student to pharmacological concepts, medication uses, classification systems, administration, safety precautions, side effects, contraindications, and adverse reactions. Appropriate patient monitoring and teaching related to prototype drugs from each major classification will also be addressed. This course will benefit those students enrolled in health professions programs. 3 credits
Pre-requisites: EGL101, MAT092.

HCD161 **Application: Electronic Medical Record**s will provide an overview of the concepts and processes surrounding electronic medical records. Initiating, maintaining and managing electronic medical records (EMRs) in various health care settings will be addressed. Students will apply EMR management concepts in a practice setting. Previous experience as a medical coder is highly recommended before enrolling in this course. 1 credit
Pre-requisite: EGL093.
Co-requisite: HCD124.

HCD261 **Application: Health Information Technology (HIT)** will provide an overview of the concepts and processes surrounding health information technology. HIT as it relates to legislative and regulatory standards, meaningful use, and electronic communication will be addressed related to application in the practice setting. 2 credits
Pre-requisites: HCD124, HCD161.
Co-requisite: HCD150 .

HCD270 **Ethical Issues in Healthcare** will introduce students to ethical issues in today's healthcare environment. Students will be exposed to a comprehensive view of ethical issues including how to identify ethical issues and how to address a wide variety of ethical situations. 3 credits
Pre-requisite: EGL101.

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History

HST101 **Western Civilization I (to 1715) (H)** is an overview of western Civilization from prehistory to the early 18th century. Topics include Ancient Near East, Minoan Civilization, Greek Civilization, Rome, the Middle Ages, the Renaissance, the Reformation, and the Scientific Revolution. 3 credits
Co-requisite: EGL101.

HST102 **Western Civilization II (H)** covers the development of Western Civilization from the early 18th century to the present. Topics include the Old Regime, the Enlightenment, the French Revolution, socialism, imperialism, nationalism, World War I, totalitarianism, World War II, and the Post War Era. 3 credits
Co-requisite: EGL101.

HST103 **History of Criminal Justice** examines the evolution of crime, punishment, and police work from the colonial era to the present. It examines old county jails, headline-grabbing criminal escapades of long ago, methods of discontinued punishment, and unheralded peace officers. Topics include the whipping post, hangings, and lynchings. The goal of the course is to look at how crime has changed and how law enforcement and policing methods have evolved. 3 credits
Co-requisite: EGL093.

HST110 **World History I (H)** considers the evolution and interaction of world-class civilizations across the Eurasian land mass with consideration also given to Africa and the Western Hemisphere. The variety and common denominators of the human experience are emphasized. 3 credits
Co-requisite: EGL101.

HST111 **World History II (H)** begins with the Age of Discovery and addresses the unfolding of the Modern Era and the evolution of the global village. The impact of such forces as the Scientific Revolution, democratic revolutions, Industrial Revolution, nationalism, Marxism, colonial independence, the world wars, and technology are explored in a world context. 3 credits
Co-requisite: EGL101.

HST135 **History of Rock (I)** is a survey of the development of popular music in the 20th and 21st centuries. The origins of rock music, significant artists, influences from different genres, and influence on cultural society will be discussed. Selected representative pieces will be absorbed through directed listening. Topical research papers are required. No music reading skills necessary. 3 credits
Co-requisite: EGL101.

HST141 **Survey of Art History (I)** is a survey course which explores art forms and aesthetic intentions from prehistory to the present. The course of study parallels the development of Western Civilization and emphasizes the relationship of art forms to that development. Major emphasis is on painting, sculpture, and architecture. The course may include museum trips. 3 credits
Pre-requisite: EGL093.

HST201 **History of the United States (to reconstruction) (H)** addresses the history of the United States from the Age of Discovery through the Civil War era. Topics include Old World Background, Colonial America, the War for Independence, the Early Nation, Jeffersonian Democracy, the Jacksonian Age, Ante Bellum South, Manifest Destiny, and the Civil War. 3 credits
Co-requisite: EGL101.

HST202 **History of U.S.(reconstruction-present) (H)** follows the internal development of the United States and the nation's rise as a world power from the post-Civil War period to the present. Topics include Western Movement, immigration, urbanization, industrialization, populism, progressivism, imperialism, World War I, the Great Depression, World War II, and post war America. 3 credits
Co-requisite: EGL101.

HST203 **History of Maryland** concerned with the political, economic, social, and cultural history of Maryland from initial settlement to the present. Topics include 17th century Maryland, 18th century Maryland, Maryland before the revolution, Maryland and revolution, Maryland in the new nation, Jacksonian Maryland, the Civil War, Maryland and reform, prosperity and depression, the New Deal in Maryland, World War II, and beyond.
3 credits
Co-requisite: EGL101.

HST251 **Introduction to African American Studies** is designed to expose students of all races to the rich heritage of the African-American. This survey course will incorporate oral as well as written projects, and will cover almost 400 years of African-American involvement in the making of America. 3 credits
Co-requisite: EGL101.

HST253 **Civil War and Reconstruction** covers the time period 1845 to 1877 and includes the study of the origins, development, and outcomes of the greatest struggle this nation has known between the North and South: the American Civil War and the Reconstruction. Emphasis will be placed on political, economic, and social issues leading to the war and the effort to reunite the nation after the war. 3 credits
Co-requisite: EGL101.

HST298 **Western Military History** stresses change in military operations from the period of Ancient History to the present. Those changes have been influenced by political, social, economic, moral and geographical factors. How these factors have shaped the battles, tools, and outcomes of war will be a major emphasis of this course. 3 credits
Co-requisite: EGL101.

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Horticulture

HCS142 **Soils And Fertillizers Lab** will familiarize students with methods and equipment used in soil science. Soil morphology, physical properties, pH, cation exchange capacity (CEC) and testing for nutrients will be covered. Students will use and interpret the US Soil Survey. 1 credit
Co-requisite: HCS152.

HCS152 **Soils and Fertilizers** will provide the student with an understanding of the composition, fertility, and biology of soil. This course will include structure and classification of soils, soil biology, plant nutrients, and soil amendments. Reduction of excess nutrients in streams, rivers, and the Chesapeake Bay will be emphasized.
3 credits

HCS153 **Landscaping Construction and Maintenance** will provide the student with an understanding of the materials, equipment, preparations, and methods of installation used in landscape construction. 3 credits

HCS154 **Botanical Garden Studies** investigates regional public gardens. Topics may include landscaping for conservation, native plants, warm season meadows, rain gardens, formal gardens, wildflowers and woodland gardens, conservatories, topiary, green roofs, woody plants in the landscape, children's gardens, historical gardens, seasonal gardens, Japanese gardens, butterfly gardens, community gardens, and garden design. As there are numerous public gardens, topics and gardens visited will change from session to session. 3 credits

HCS155 **Woody Plants Identification I** is one of two courses within the Horticultural Science Program that will familiarize students with a significant number of woody trees and shrubs commonly found in our local environment. Evergreen and deciduous species will be covered. For each plant, students will discuss nativity, landscape use and establishment, cultural requirements, seasonal interest, and environmental considerations. Species for study will be selected based upon the season in which the course is offered and will include plants specified for the Maryland Certified Professional Horticulturist (CPH) basic exam. 2 credits

HCS156 **Herbaceous Plants I** is one of two courses within the Horticultural Science Program that will focus on the identification of herbaceous plants found in our local environment. Perennials, annuals, and houseplants will be covered and will include grasses, groundcovers, vines, and ferns. For each species, students will discuss use, culture, native habitat, pest and disease considerations, and seasonal interest. Species for study will be selected based upon the season in which the course is offered and will include plants specified for the Maryland Certified Professional Horticulturist (CPH) basic exam. 2 credits

HCS160 **Woody Plants Identification II** is one of two courses within the Horticultural Science Program that will familiarize students with a significant number of woody trees and shrubs commonly found in our local environment. Evergreen and deciduous species will be covered. For each plant, students will discuss nativity, landscape use and establishment, cultural requirements, seasonal interest, and environmental considerations. Species for study will be selected based upon the season in which the course is offered and will include plants specified for the Maryland Certified Professional Horticulturist (CPH) basic exam. 2 credits

HCS161 **Herbaceous Plants II** is one of two courses within the Horticultural Science Program that will focus on the identification of herbaceous plants found in our local environment. Perennials, annuals, and house plants will be covered and will include grasses, groundcovers, vines, and ferns. For each species, students will discuss use, culture, native habitat, pest and disease considerations, and seasonal interest. Species for study will be selected based upon the season in which the course is offered and will include plants specified for the Maryland Certified Professional Horticulturist (CPH) basic exam. 2 credits

HCS253 **Introduction to Landscaping Design** will provide the student with an exposure to the landscape design process with an emphasis on residential landscaping. Students will draw and read landscape plans, discuss appropriate plant selection and sustainability as well basic landscape design principles and landscape design styles. 3 credits
Pre-requisites: HCS156 or HCS161 and HCS155 or HCS160.

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Licensed Practical Nurse

LPN201 **Care of Childbearing/Childrearing Families** introduces family systems theory in the study of childrearing/childbearing families. Study will include growth and development, normal pediatric and obstetric concepts, and stressors affecting individuals and family systems, with emphasis on the role of the practical nurse in patient care. 2 credits
Pre-requisites: BIO209, NUR105, NUR115.
Co-requisites: LPN206, LPN211.

LPN205 **Advanced Medical-Surgical and Psychiatric Theory, LPN** emphasizes the care of adults and aged clients in various health care settings. The focus is on the study of clients with complex alterations in wellness related to pathophysiological and psychological stressors with emphasis on the role of the licensed practical nurse in patient care. 2 credits
Pre-requisites: LPN201, LPN211, BIO209, BIO219.
Co-requisites: LPN206, LPN215.

LPN206 **Professional Legal and Ethical Issues in Nursing, LPN** Professional, Legal, and Ethical Issues in Nursing, LPN introduces the students to complex, political, and ethical matters that have an impact on professional nursing. The role and responsibilities of the licensed practical nurse and the importance of problem solving are emphasized. 1 credit
Pre-requisites: NUR105, NUR115, BIO209, BIO219.
Co-requisites: LPN201, LPN205.

LPN211 **Clinical Lab III: Childbearing/Childrearing Families** is the clinical companion to LPN 201. Clinical experiences are conducted in the inpatient and outpatient settings with observational experiences of maternal, newborn, and pediatric clients. The inpatient setting involves caring for clients with medical and surgical stressors, with a focus on the issues of childrearing/childbearing families. The student is expected to integrate theoretical knowledge and the nursing process into the practice of nursing while utilizing effective communication skills when caring for clients in both the acute and chronic health care setting as the LPN member of the healthcare team. 1 credit
Pre-requisites: BIO209, NUR105, NUR115.
Co-requisite: LPN201.

LPN215 **Clinical Lab IV: Medical/Surgical/Psychiatric** is the clinical companion to LPN205. Clinical experience focuses on clients experiencing emotional and/or psychiatric stressors concurrent with medical and surgical stressors. Students increase proficiency in practical nursing procedures, while integrating theoretical knowledge, effective communication skills, and the nursing process, into the practice of nursing when caring for medical, surgical, and psychiatric clients in both the acute and chronic health care setting as the LPN member of the healthcare team. 1 credit
Pre-requisites: BIO209, NUR105, NUR115.
Co-requisite: LPN205

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Mathematics

MAT091 **Basic Mathematics** prepares students with essential arithmetic skills in whole numbers, fractions, decimals, ratios, proportions, percentages and measurement. 4 credits.
Co-requisite: EGL090.

MAT092 **Introductory Algebra** introduces the fundamental study of signed numbers, exponents, radicals, polynomials, rational expressions, first and second-degree equations, simultaneous equations, and graphing of linear equations. 4 credits
Pre-requisite: Grade of C or better in MAT091.
Co-requisite: EGL090.

MAT093 **Intermediate Algebra** provides higher-level prerequisite mathematical knowledge that is needed in a variety of college level courses. A graphics calculator is used to create and analyze graphs, scatter plots and curves of best fit. Solutions to linear, quadratic, radical, rational, exponential, logarithmic, and other higher-order equations are found using both graphical and analytical methods. Properties of functions such as increasing and decreasing intervals, approximation of local maximums and minimums, horizontal and vertical asymptotes, and intercepts are studied. Additional topics include the solving of inequalities and systems of linear and nonlinear equations. 3 credits
Pre-requisite: Grade of C or better in MAT092.
Co-requisite: EGL093.

MAT095 **Intermediate Algebra for Non-Stem Students** focuses on essential skills in intermediate algebra for students whose program of study does not require them to take MAT 093 Intermediate Algebra or MAT 121 Precalculus. This course is designed for non-Science, Technology, Engineering, and Math students (non-STEM). Topics include a review of linear equations and formulas, function notation, quadratic functions, exponential functions, and logarithmic functions. 2 credits
Pre-requisite: MAT092.
Co-requisite: EGL093.

MAT121 **Precalculus (M)** prepares the student for the study of calculus, discrete mathematics, and other mathematics intensive disciplines through the study of algebraic, exponential, logarithmic, and trigonometric functions. Topics include functions, laws of logarithms, trigonometric and inverse trigonometric functions, trigonometric identities, solutions of trigonometric equations, the Laws of Sines and Cosines, and polar coordinates. A problem solving approach utilizes applications and the graphics calculator throughout the course. 4 credits
Pre-requisites: Grade of C or better in MAT093, EGL093.

MAT123 **Finite Math (M)** uses problem solving to develop critical thinking skills and illustrate mathematics in daily life. Each student will be exposed to a variety of problem solving methods including but not limited to the following: systems of linear equations, matrices, the Gauss-Jordan method, inequalities and linear programming, sets and counting techniques, probability, difference equations, Markov processes and game theory. 3 credits
Pre-requisites: EGL093, grade of C or higher in MAT093 or MAT095.

MAT 125 **Applied Calculus (M)** is an introductory study of differential and integral calculus with emphasis on techniques and applications. This course introduces students to the mathematical techniques for limits, differentiation, and integration of algebraic, logarithmic, and exponential functions. Applications of differentiation and integration are studied. This course is not intended for STEM majors. 4 credits
Pre-requisite: MAT093.

MAT127 **Introduction to Statistics (M)** introduces students to the study of measures of central tendency, measures of variation, graphical representation of data, least squares regression, correlation, probability, probability distributions, sampling techniques, parameter estimation, and hypothesis testing. The emphasis is on applications from a variety of sources including newspapers, periodicals, journals, and many of the disciplines that students may encounter in their college education. Students shall be expected to gather and analyze data, and formally report the results of their research. The use of technology and statistical software is integrated throughout the course. 4 credits
Pre-requisites: EGL093 and a Grade of C or better in MAT093 or MAT095.

MAT128 **Introduction to Statistics II (M)** addresses the design of experiments and analysis of variance, nonparametric statistics, categorical data analysis, simple linear regression, multiple regression and model building, quality control charts, and time series analysis. The emphasis is on applications using data sets from a variety of sources and disciplines including newspapers, periodicals, journals, the Web and many of the disciplines that students may encounter in their college education. Students will gather and analyze data, and formally report the results of their research. The use of technology and statistical software is integrated throughout the course. 4 credits
Pre-requisite: MAT127.

MAT133 **Mathematical Concepts and Structures I** is a course for elementary education majors. It focuses on solving word problems, operations on sets and their properties, functions and their notation, logic, development of numeration systems through rational numbers, arithmetic operations and algorithms, the real numbers using exponents and decimals, and algebraic thinking and notation. 4 credits
Pre-requisites: EGL093, grade of C or better in MAT093.

MAT134 **Mathematical Concepts and Structure II** is a course for elementary education majors. It focuses on applications of ratios and proportions, percents, simulations in probability, counting theory, graph theory, statistical concepts and their applications, basic notation in geometry, polygonal curves, linear measures, basic shapes and relationships in two- and three- dimensions, geometric networks, congruence and similarity, geometric constructions, areas and volumes of geometric shapes, and the Cartesian coordinate system with reflections and translations. 4 credits
Pre-requisites: EGL093, grade of C or better in MAT093.

MAT201 **Calculus I with Analytic Geometry (M)** introduces students to the mathematical techniques for limits (including L'Hospital's Rule), differentiation, and integration of algebraic, trigonometric, inverse trigonometric, logarithmic, exponential, hyperbolic, and inverse hyperbolic functions. Applications of differentiation and integration are studied. 4 credits
Pre-requisites: EGL093 and grade of C or better in MAT121.

MAT202 **Calculus II with Analytic Geometry (M)** introduces integration techniques, improper integrals, sequences, infinite series, conic sections and polar coordinates. Students will solve applied problems related to limits, differentiation, integration, and infinite series. A computer algebra system, such as Maple, is introduced and used. 4 credits
Pre-requisite: Grade of C or better in MAT201.

MAT203 **Multivariable Calculus (M)** provides the student with a study of three-dimensional space, introduction to hyperspace, partial differentiation, multiple integration, vectors in a plane, and topics in vector calculus to include Green's Theorem, Stokes' Theorem, and the divergence theorem. Knowledge of a computer algebra system, MAPLE, is expanded. 4 credits
Pre-requisite: MAT202.

MAT236 **Discrete Structures (M)** introduces the fundamental tools, topics, and concepts of discrete mathematics. This course emphasizes counting methods, proof techniques, and problem-solving strategies. Topics include Boolean algebra, set theory, symbolic logic, predicate calculus, number theory, the methods of proofs (direct, indirect, and inductive), objective functions, equivalence relations, graphs, set partitions, combinatorics, modular arithmetic, summations, and recurrences. 3 credits
Pre-requisite: MAT201.

MAT240 **Introduction to Linear Algebra (M)** introduces the basic concepts of linear algebra: vector spaces, applications to line and plane geometry, linear equations and matrices, linear transformations, eigenvalues, determinants, and quadratic forms. 4 credits
Pre-requisite: Grade of C or better in MAT202 or permission of the Math Department Chair.

MAT246 **Introduction to Differential Equations (M)** introduces the basic techniques for solving and/or analyzing first and second order differential equations, both linear and nonlinear, and systems of differential equations. The use of a mathematical software system is an integral part of the course. 3 credits
Pre-requisite: Grade of C or better in MAT202.

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Music

MUC102 **Piano Class I** is the study of basic music skills as they apply to piano playing. Music theory, sound production, pedal techniques, posture, hand position and knowledge of beginning repertoire are developed through weekly reinforcement in a group setting. 1 credit

MUC104 **Guitar Class (H)** is the study of basic music skills as they apply to playing guitar and musical knowledge as it relates to the guitar. Emphasis is placed on practical application of music and technique as well as music theory, music literature, music history, guitar history, and musical genres. No prior music reading skills or experience necessary. 3 credits

MUC110 **Music Theory and Musicianship I** is an in-depth study of the fundamental rudiments of music that are essential for all musicians. Concepts and elements of musical design and theory, including a study of timbre, rhythm, pitch, texture, and principles of form are studied concurrently with musicianship elements, including mastery of pitch and rhythm and the development of aural skills through sight singing, dictation, improvisation, and keyboarding applications. 4 credits
Co-requisites: MUC102 and either MUC120 or MUC124.

MUC111 **Music Theory and Musicianship II** will focus on further skill mastery of the fundamental rudiments of music that are essential for all musicians. Concepts and elements of musical design and theory, including a study of triads, cadences, dominants, and suspensions are studied concurrently with musicianship elements, including mastery of pitch and rhythm and the development of aural skills through sight singing, dictation, improvisation, and keyboarding applications.4 credits
Pre-requisite: MUC110.
Co-requisites: MUC114 and either MUC121 or MUC125 or MUC154.

MUC114 **Piano Class II** is the study of early intermediate music skills as they apply to piano playing. Music theory, sound production, pedal techniques, posture, hand position, and knowledge of early intermediate solo and ensemble repertoire are developed through weekly reinforcement in a group setting. 1 credit
Pre-requisite: MUC102.

MUC120 **Chamber Ensemble I** will focus on the performance of a range of musical styles in a chamber ensemble setting. Students will learn repertoire and participate in rehearsals culminating in a public performance while working with other students and a music director. Musical elements such as technique, musicality, ensemble cooperation, vocabulary, and performance practice will be incorporated throughout the class. 2 credits

MUC121 **Chamber Ensemble II** will focus on the performance of a range of musical styles in a chamber ensemble setting. Students will learn repertoire and participate in rehearsals culminating in a public

Ohio Revised Code Section 2907.02 Rape. (A)(1)(a) No person shall engage in sexual conduct with another when the offender purposely compels the other person to submit by force or threat of force. (b) No person shall engage in sexual conduct with another when the offender substantially impairs the other person's judgment or control by administering any intoxicating or hallucinogenic drug to the other person. (c) No person shall engage in sexual conduct with another when the offender knowingly takes advantage of the other person's inability to consent to the sexual conduct by reason of the other person's being in a state of unconsciousness or being in a state of sleep. (d) No person shall engage in sexual conduct with another when the offender knowingly takes advantage of the other person's inability to consent to the sexual conduct by reason of the other person's being in a state of mental retardation or being in a state of physical impairment. 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Defense systems acquisition process, covering all phases of acquisition. This course also introduces the planning, programming, budgeting, and execution process. 3 credits

TRL105 **Professional Driver's Knowledge** provides theory and instruction for operating commercial vehicles within the USA, Canada and Mexico. After successful completion of this course, a student is eligible to take the Commercial Driver's License Permit Test through the Motor Vehicle Administration. 3 credits
Co-requisite: TRL106.

TRL106 **Professional Commercial Driver's Skills** provides the on-the-road training and instruction required to operate commercial vehicles within the USA, Canada and Mexico. Students will practice skills necessary for safe and efficient operation of the vehicle on public streets and highways. 6 credits
Co-requisite: TRL105.

TRL107 **Supply Chain Management** will introduce students to a total systems approach to managing activities involved in physically moving raw materials, inventory and finished goods from the point of origin to point of use or consumption. Topics include product development, manufacturing flow management, procurement, distribution networks, distribution strategies, performance measurement, customer relationship management, customer service management, demand management, order fulfillment, supplier relationship management, and returns management. 3 credits
Pre-requisite: TRL101.

TRL110 **Transportation and Warehousing** will address the role of the transportation and warehousing functions in the economy and their relationship to the logistics process. Topics will include transportation, public policy, costing, warehouse operations, and materials handling. 3 credits
Pre-requisite: TRL101.

TRL130 **Production and Operations Management** will provide students with an overview of the translation of product and service requirements into facilities, procedures and operating organizations. Topics include product design, process design, production alternatives, facilities location and layout, resource requirements planning, customer loyalty, and quality control.
Pre-requisite: TRL101.

TRL201 **Introduction to Materials Handling** introduces the concepts and principles of materials including inventory control and forecasting activities. 3 credits
Pre-requisites: TRL101, TRL110, TRL130.

TRL210 **Transportation Management** explores the current practices used in the management of commercial transportation departments and their financial and operational impact on manufacturing, marketing, and the other departments in the firm. 3 credits
Pre-requisites: TRL101, TRL110, TRL130.

TRL220 **Materials Requirement Planning** is a study of materials requirement planning that includes a net change versus regenerative systems, lot-sizing, and time-sharing of dependent demand. 3 credits
Pre-requisites: BUS108, TRL210.

TRL230 **Product Lifecycle Management (PLM)** will introduce students to the processes of managing the entire lifecycle of a product from its conception, design and manufacture, to its service and disposal; the people, data, and business systems involved; and historical aspects of PLM in Logistics. 3 credits
Pre-requisite: TRL101.

TRL240 **Integrated Logistics Management** is designed to explore logistics as a cross-functional business process. It cuts across functional boundaries, yet has contributions from each. The principal objective of this course is to take a detailed look at organizations linked within a given supply network and evaluate the role of logistics as an integrator of information flow with material flow. This is the capstone course for the Government Logistics Certificate. 3 credits
Pre-requisites: TRL103, TRL104, TRL210.

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Visual Communications

VCP101 **Photography I** introduces the art and craft of photography. Students learn digital camera operation, digital scanning, and print production. Emphasis is placed on visual thinking and visual communication. Students complete weekly lab assignments in addition to class activities, to produce a portfolio of fine black and white and color photographs. 4 credits

VCP110 **Portrait Photography** introduces light techniques for studio and location portraiture along with posing techniques for individual and group shots. Professional software application techniques for post processing and retouching are covered. Business principles and practices for running a portrait studio are introduced. The class includes demonstrations and hands-on activities. In addition to classroom instruction, students reserve three to four hours weekly in the VCP studios and lab to complete the course. 4 credits
Pre-requisite: VCP101.

VCP111 **Studio Photography I** introduces the art and craft of studio photography. Students will use digital cameras for commercial applications. Studio lighting is emphasized for portrait, fashion, and advertising product photography. Students complete weekly studio and lab assignments, in addition to class activities, to produce a studio photography portfolio. Photography business practices are introduced. 4 credits
Pre-requisite: VCP101.

VCP114 **Special Projects Studio Lab** enables advanced visual communications students to initiate or continue a special project. It can also provide additional studio and lab time for students currently enrolled in classes who wish to use the facility beyond the times allocated for the courses they are enrolled in. This course does not fulfill graduation requirements. Permission of the Program Coordinator is required prior to enrolling in the course. 1 credit
Pre-requisite: VCP101 or VCP117 or VCP210.

VCP115 **Special Projects Studio Lab** enables advanced visual communications students to initiate or continue a special project. It can also provide additional studio and lab time for students currently enrolled in classes who wish to use the facility beyond the times allocated for the courses they are enrolled in. Credits for this course do not fulfill graduation requirements. 2 credits
Pre-requisite: VCP101 or VCP117 or VCP210.

VCP116 **Digital Imaging I** introduces the student to the creation and manipulation of electronic imagery. Students learn to import digital images; scan film, prints, and artwork; create and manipulate images; prepare images for use in Web documents; and make archival inkjet prints with Adobe Photoshop. Visual thinking and communication are emphasized. Students complete weekly lab assignments and produce a final portfolio of printed images, including color correction, colorized black-and-white, restoration, compositing, imagery with text, abstraction, and a personal project. 2 credits

VCP117 **Digital Imaging II** is a continuation of VCP116. Students learn to make composite artwork by working with masks and layers and to create a Web photo gallery and animated GIFs in Photoshop. Adobe InDesign is introduced along with basic graphic design concepts. Students produce a portfolio of work including the following: a retouched image, a special effects image, a magazine cover, business cards, letterhead, CD disk insert, and five personal project prints. 2 credits
Pre-requisite: VCP116.

VCP118 **Digital Imaging III** advances the student's graphic design capabilities by using Adobe Illustrator and InDesign, two advanced professional graphic design programs, to combine words and images on the printed page in order to provide real-world skills essential for graphic design careers. Students will create and manipulate images, and combine graphics such as text into page layouts. Students will learn the process of creating professional business cards, brochures, and logos from concept to print. 4 credits
Pre-requisite: VCP117.

VCP119 **Digital Imaging IV** introduces the student to Web page design. Students use Adobe Photoshop, Dreamweaver, and Flash to conceive and create effective Web sites that are easy to use and that meet the demands of the target market. 4 credits
Pre-requisite: VCP118.

VCP120 **Digital Imaging V** is an independent study course where students develop and implement a design project. Students meet weekly with the instructor to review progress and receive instruction. In addition to improving existing graphic design skills, students will learn to develop a project proposal and implement that proposal in a successful design project. 4 credits
Pre-requisite: VCP118.

VCP136 **Multimedia Production I** introduces students to the development of interactive and new media design. Utilizing industry-standard software students learn how to produce responsive designs that interact with the viewer. The principles of object oriented programming are taught using ActionScript 3 and JavaScript in the Adobe Flash and Edge Animate environments. Usability, typography, composition, user interface design, color, and overall visual communication and aesthetics are emphasized. Students will produce a final interactive portfolio that demonstrates their understanding of usability design. 4 credits
Pre-requisite: VCP117.

VCP140 **Wedding Photography Portfolio Production** introduces the wedding photography business and engages students in the production of wedding photographs and marketing materials for a professional portfolio. Topics include available light portraiture, location lighting using studio lights, on-camera flash and slave lighting and posing individuals, couples, and large groups. 2 credits
Pre-requisite: VCP101 or consent of instructor.

VCP144 **Web-Design I-Design Fundamentals** Fundamentals provides an overview of the major design considerations for well-balanced website construction to include the planning cycle, web technologies, usability, site structure, and navigation styles. Emphasis is placed on design issues as each category is explored using HTML, CSS and basic JavaScript. Students will plan, design, and publish one fixed-width and one responsive website. 3 credits
Pre-requisite: EGL093.

VCP151 **Introduction to Game Design** provides an introduction to computer game development, starting from concept development to implementation of a playable game prototype. Aesthetic and technical aspects of computer game development are covered: including game mechanics, story development, content creation, and game programming. 4 credits
Pre-requisites: VCP136, VCP218.

VCP162 **Introduction to Mobile Application Development** will introduce mobile application development from concept development to implementation of a mobile application. Visual and programmatic aspects of mobile development, including computer programming, mobile design, and user interaction are covered. 4 credits
Pre-requisite: VCP117.

VCP170 **Photography Seminar-Equine** is a one-day seminar for learning what elements make a good horse photograph and how to achieve them. Instructor will show photos from the Olympics and other equestrian events as examples. Conditions permitting, students will participate in photographing horses at an equestrian event or on a farm. Students should bring cameras. Students may bring previous horse photos for constructive discussion. 1/2 credit

VCP180 **Applied Printing Techniques** is the study of the fundamentals of black and white and color photography and digital printing. 1 credit
Co-requisite: ART180.

VCP189 **Basic Internship I** is a supervised experience with a visual communications employer for 15 days/120 hours. In addition, the student has weekly conferences with the visual communications coordinator. The student should apply for the internship with the visual communications coordinator before the semester begins, and complete an internship proposal before registering for the course. The student will complete an internship notebook and portfolio. 4 credits
Pre-requisite: VCP101 or VCP117.

VCP210 **Video Production I** introduces students to the techniques of video production. Emphasis is placed on problem-solving scenarios and hands-on experience. Several short video programs are directed and produced. Students have the opportunity to work on an individual basis as well as in teams. 4 credits

VCP211 **Studio Photography II** continues the study of the art and craft of commercial photography. Students use digital cameras, digital processing, and electronic and print output for commercial applications. Studio lighting is emphasized for portrait, fashion, and advertising product photography. Students complete weekly studio and lab assignments, in addition to class activities, to produce a commercial photography portfolio.
4 credits
Pre-requisite: VCP111.

VCP212 **Video Production II** expands upon the techniques covered in Video Production I. Emphasis is placed on problem solving scenarios and hands-on experience. Several short video programs are directed and produced. Students work on an individual basis as well as in teams. 4 credits
Pre-requisite: VCP 210.

VCP214 **Video Production III** provides the opportunity for the advanced visual communications student to concentrate on building a demo reel in an individual area of interest to further career and course goals.
4 credits
Pre-requisite: VCP210.

VCP215 **Guerilla Filmmaking** introduces the techniques of HD digital short filmmaking with in-depth attention to traditional film lighting and sophisticated location shooting. Emphasis is placed on "hands-on" experiences and the coordination of all production elements including concept development, scriptwriting, production, and post-production. 4 credits
Pre-requisite: VCP210.

VCP216 **Guerilla Filmmaking II** advances the techniques of HD digital filmmaking with in-depth attention to traditional film lighting and sophisticated location shooting. Emphasis is placed on artistic short films, "hands-on" activities, and the coordination of all production elements including concept development, scriptwriting, production, and post-production. 4 credits
Pre-requisite: VCP215.

VCP218 **Modeling and Animation I** introduces students to the basics of 3D content creation. Practical and theory based concepts relating to three-dimensional design is discussed. Students produce models, apply motion, light, and render image sequences. 4 credits

VCP219 **3D Modeling for Real-Time Environments** covers polygon modeling techniques relevant to producing high quality textured meshes viewable in live-video situations. Anatomical structure and hard-surface forms are studied. Emphasis is placed on converting high-poly geometric details into low-poly geometry utilizing a variety of alternative modeling methods. 4 credits

VCP222 **Photojournalism I** studies the approaches and techniques of photographic reportage. Topics include news, features, issue reporting, journalistic portraits, sports, photo essay, documentary photography, and ethics and law. Emphasis is placed on visual interpretation and communication, composition, and photo editing. Students complete weekly shooting and lab assignments, participate in class discussions and critiques, create a picture story layout, plan and photograph a group project, and produce a strong photojournalism portfolio. 4 credits
Pre-requisite: VCP101.

VCP223 **Photojournalism II** develops advanced technical proficiency, personal approach, and a strong photojournalism portfolio. Topics include general news coverage, journalistic portraits, a food feature, an architecture/interior feature, nature, sports, photo essays, editing, layout, and selling work to publications. Writing captions and short text is also emphasized. Students complete weekly shooting and lab work and participate in class critiques. 4 credits
Pre-requisite: VCP222.

VCP224 **Nature and Wildlife Photography** introduces the student to the fundamentals of professional nature and wildlife photography: equipment, processes, aesthetics, portfolio preparation and marketing. The course includes extensive field trips to photograph with the instructor. 4 credits
Pre-requisite: VCP101.

VCP225 **3D Rigging and Animation** covers the rigging and animation process of developing 3D character performances. Students will produce animate-able puppets utilizing industry standard techniques by hand and automated through coding. Utilizing pre-rigged models and models rigged by them, students will animate natural, realistic, hyper-realistic, and exaggerated motion. Producing believable character performances and accurate physical action is emphasized. 4 credits

VCP227 **Advanced Digital Imaging Production II** prepares students to create custom solutions for real commercial world production assignments using Photoshop. Advanced editing and image capture techniques are covered. Students work in teams with art directors and production staff to simulate real-world commercial environments. 2 credits
Pre-requisite: VCP226.

VCP230 **Graphic Design Studio** implements design and production skills learned in prerequisite courses to create an integrated, singular portfolio of product design, page layout, and marketing collateral. This class prepares students for the workplace by teaching practical application and focusing on a real-world project that requires real-world solutions. Students will design, and produce all materials based on an overview of real-world marketplace expectations. 4 credits
Pre-requisite: VCP119.

VCP233 **Fictional Photography** introduces and advances students through the convergence of visual, cinematic storytelling, combined with the impact of still photography. This course is centered on location-based strobe lighting, conceptual thinking, pre-visualization, location scouting, directing actors and assistants, and advanced post-production techniques. 4 credits
Pre-requisites: VCP111, VCP116.

VCP234 **Nature and Wildlife Photography II** advances the student's understanding of the fundamentals of professional nature and wildlife photography: equipment, processes, aesthetics, portfolio preparation and marketing. The course includes extensive, instructor-led photography field trips. 4 credits
Pre-requisite: VCP224.

VCP244 **Web Design II - Advanced Design** builds on the design process covered in VCP 144 Web Design I - Design Fundamentals. This course covers advanced web technologies that make websites responsive, interactive and dynamic: multimedia, forms, HTML5, CSS, and client-side and server-side programming technologies. Other advanced design considerations include design for mobile devices, disability access, maintenance, navigational aids, and search engine optimization. Students will build a complex website using client and server-side technologies, including XHTML, CSS, JavaScript, forms, application programming, and database programming. 3 credits
Pre-requisite: VCP144 .

VCP270 **Portfolio Production I** provides an opportunity for advanced visual communications students to concentrate on building portfolios in individual areas of interest to further their career and personal goals. Students complete weekly lab assignments, in addition to class activities, to produce a portfolio. 4 credits
Pre-requisite: VCP101.

VCP279 **Professional Portfolio Production** enables the visual communications major to prepare a capstone portfolio of imagery and written documentation suitable for presentation to meet graduation portfolio requirements, and for application to a transfer institution and/or for career advancement. Emphasis is placed on visual thinking and visual communication. Students complete weekly lab assignments, in addition to class activities, to produce a professional portfolio and a capstone presentation to the college community. 4 credits
Pre-requisite: 19 VCP credits.

VCP289 **Internship I** is a supervised experience with a visual communications employer for 15 days/120 hours. In addition, the student has weekly conferences with the visual communications director. The student should apply for the internship with the visual communications director at least six weeks before the semester begins, and complete an internship proposal before registering for the course. Students complete an internship notebook and present a capstone portfolio. 4 credits
Pre-requisite: EGL101.

VCP296 **Photography Seminar** provides the opportunity for experienced photographers to advance their skills in digital image making and manipulation under the guidance of an expert in the field. Creativity and problem-solving are stressed. Students complete weekly studio and lab assignments, in addition to class activities, to produce a commercial photography portfolio. 4 credits

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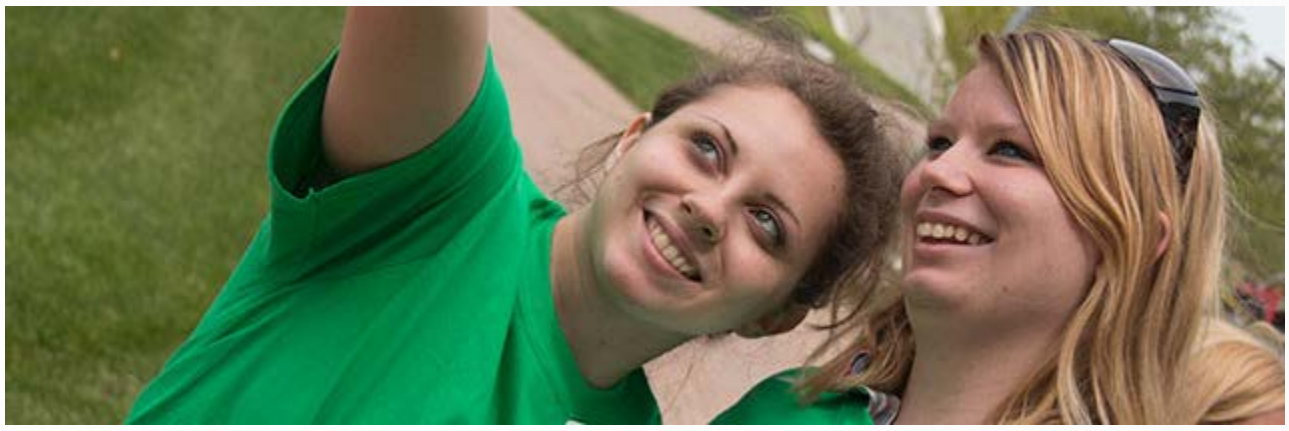

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- Business Resources:
  Cecil Leadership Institute, Customized Training, Employee Development, Small Business, Cecil Business and Resource Partners
- Career Training and Certifications:
  Automotive Technician, Business and Office, Computer Technology, Construction, Forklift Operator, Green, HAZMAT and Safety, Health Care, Hospitality, Human Resources, HVAC/R, Logistics, Non-Profit Administration, Veterinary Studies, Welding
- Personal and Commercial Driver Training:
  Commercial Driver's License, Bus Driver Endorsement, Driver Education, Motorcycle and Boat, Mid-Atlantic Transportation and Logistics Institute

Community Education

- Academic Preparation:
  ABE, College Prep, English for Speakers of Other Languages (ESOL), Foreign Languages and GED
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Academic Honesty Policy

Policy
Cecil College adheres to the highest standards of academic honesty. Students at Cecil College are expected to maintain that high standard by taking responsibility for their own academic success and achievement. All forms of academic dishonesty are serious offenses and will not be tolerated, and could lead to sanctions up to and including expulsion from the college. All members of the College community share the responsibility for the academic standards of the College. Academic honesty is a cornerstone of the development and acquisition of knowledge and is a critical component of continued membership in the College community.

Definitions
Violations of the Academic Honesty Policy include, but are not limited to:

1. Plagiarism
2. Cheating
3. Fabrication
4. Other forms of academic dishonesty not specifically described here but in violation of the intent of the Academic Honesty Policy.

Plagiarism includes but is not limited to:

- The inclusion or use of someone else's words, ideas, or data as one's own;
- The use of an author's exact words without acknowledging the source and enclosing the material in quotation marks;
- The use of an author's words, ideas, opinions, thoughts, or theories in paraphrase or summary without acknowledging the source;
- Submitting in part or whole another person's work as one's own, or permitting someone else to do academic work for oneself.

Cheating includes but is not limited to:

- The use or attempted use of unauthorized materials, information, or study aids in an academic exercise or assignment;
- Copying any portion of another's work and submitting it as one's own;
- Allowing another person to copy one's work;
- Soliciting to copy another person's work;
- The unauthorized collaboration with any other person on any academic exercise;
- The unauthorized use of electronic instruments, such as cell phones, calculators, or other devices to access or share information;
- The unauthorized completion for another person of an academic work or permitting someone else to complete an academic work for oneself;
- The use of unauthorized knowledge of the contents of test, quizzes, or assessment instruments;
- Submitting a paper in two different classes during one semester without permission of the faculty members;
- Submitting previously graded work without permission of the faculty member;
- Taking an examination or writing a paper for another student;
- Inaccurately listing as a co-author of a paper or project someone who did not contribute.

Fabrication includes but is not limited to:

- Fabricating, falsifying, or inventing any information or citation;
- Making up the data for a research project or lab experiment;
- Stating an opinion as a scientifically proven fact;
- Altering the results of a lab experiment or survey;
- Misrepresenting information such as data, facts, or results.

Procedures

1. Faculty members should inform students of the Academic Honesty Policy at the outset of each course in writing; however, it is each student's responsibility to know and understand the policy and these procedures. Lack of awareness of the policy and procedures shall not be considered a defense against any violation of the Academic Honesty Policy.
2. If an infraction is suspected, the faculty member shall be responsible for gathering data to support the allegation of academic dishonesty.
3. Within 14 days from the initial confirmation of the suspected infraction, the faculty member shall attempt to contact the student to arrange a conference. Except where the College is closed or during semester breaks, the conference must be held within 14 days from the date of the contact. Contact may be made by email, by mail or by telephone (based upon contact information on file with the College). See Note below if no contact is made.
4. During the conference, the faculty member shall inform the student of the alleged infraction, present evidence, and afford the student the opportunity to respond to the allegations.
5. During the conference, the faculty member may
   a. impose a warning or require that a student redo an assignment or
   b. issue a failing grade for the assignment, the test, or for the course.
6. Copies of relevant written documents should be provided to the student at the time of the conference including the Notification of Violation of the Academic Honesty Policy. The faculty member shall retain a copy and submit one copy of the Notification of Violation of the Academic Honesty Policy to the following: Dean of Academic Programs, Department Chair, and Student.
   Note: If the student cannot be reached for a conference or refuses to sign the notification form, the faculty member shall file the Notification of Violation of the Academic Honesty Policy with the Dean of Academic Programs without the student's signature and attach documentation of efforts to contact the student.
7. In all events, upon receipt of the Notification of Violation of the Academic Honesty Policy, the Dean of Academic Programs shall research the possibility of prior incidents and determine if further sanctions should be imposed.
8. If the faculty member deems a sanction stronger than course failure may be appropriate, the faculty member shall make a written recommendation to the Dean of Academic Programs who may, in collaboration with the faculty, impose sanctions up to and including expulsion from the College.
9. Upon receipt of the faculty member's recommendation or the conclusion of the Dean of Academic Programs' investigation, the Dean shall endeavor to notify both the student and the faculty member of the Dean's decision within 14 days, except where the College is closed or during semester breaks.

Appealing a Sanction

- The student may not circumvent a sanction of course failure by changing status in the course, i.e. by dropping, withdrawing, being withdrawn, removing the name from the class rolls or changing to audit.
- The type or specific nature of a sanction is not grounds for an appeal.
- If the student wishes to appeal any finding or sanction, he or she should send a written appeal within 14 days of the date upon which notice of the sanction is issued to the Vice President of Academic Programs. The appeal must specify the specific grounds for appeal and copies of all relevant documents shall be attached to the appeal. No issue shall be considered unless set forth in the appeal notice.
- If no appeal is received by the Vice President of Academic Programs within the 14 days, the student waives further right of appeal.
- After consultation with the faculty member regarding the student appeal, the Vice President of Academic Programs may uphold or modify the sanction.
- If the student wishes to appeal the Vice President's decision, the student must file the hearing request within 14 days in writing to the Vice President of Academic Programs. The request must specify the specific grounds for appeal and copies of all relevant documents shall be attached to the appeal. No issue shall be considered unless set forth in the hearing request.
- Upon receiving the appeal, the Vice President of Academic Programs will direct and appoint a Hearing Board to hear the appeal. The Board will be composed of a Vice President, Dean or designee, a representative of the advising staff, 3 faculty members including one from the department in which the infraction was initiated (if possible), and 2 student representatives selected by the Vice President of Student Services and Institutional Effectiveness. No one previously involved directly in the matter shall be a member of the Hearing Board. The hearing shall be conducted within a maximum of 30 days of the appeal, except where the College is closed or during semester breaks, and shall be recorded. The Board ruling shall be final. Results of the appeal process will also be on file in the Dean of Academic Programs' office.
- The appeal process will be conducted as expeditiously as possible; during the appeal process the imposed penalty shall stand. During the appeal process, the student may remain in the class.
- The decision of the Hearing Board is final and is not subject to appeal.

Note: This process applies only to sanctions related to the Academic Honesty Policy. All grievances should follow the Student Grievance Policy and Procedures.

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Academic Standards for Credit Students Policy

Students at Cecil College are expected to take responsibility for their own academic success and achievement within the program of study planned with their academic advisors. Each semester Academic Programs will identify students who are not making academic progress. Academic progress is defined as maintaining a cumulative grade point average (GPA) of at least 2.0 for the time enrolled at Cecil College. Student Services and Institutional Effectiveness will provide intervention and support for students to encourage their academic progress. Students who are not making academic progress will be subject to academic probation or academic suspension. Developmental courses are considered in the determination of the GPA for academic probation or academic suspension.

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Americans With Disabilities Act

The Americans with Disabilities Act was signed into law on July 26, 1990. This law reinforced the concept of reasonable accommodations in education. The legal discussion in Section 504 of the Rehabilitation Act of 1973 states in part:

"No otherwise qualified handicapped individual shall, solely by reason of his/her handicap be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance."

We assure that the same educational programs and services offered to other students be available to students with disabilities. We must provide physical and programmatic access by means of reasonable accommodations. This includes removal of architectural barriers, provision of auxiliary services, teaching strategies and institutional policies.

Students needing assistance with receiving accommodations or who have questions regarding ADA concerns should contact the ADA Coordinator in the Advising Center at 443-674-1892, or seek access through the Cecil College website.

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Responsible Use of Information Technology Resources

Policy
It is the policy of Cecil College that all members who use the College's computing, information or communication resources must act responsibly. Every user is responsible for the integrity of these resources under their control. All users of College-owned or College-leased information technology systems must respect the rights of other users, respect the integrity of the physical facilities and controls, and comply with all pertinent licenses and contractual agreements. All members of the Cecil College community will act in accordance with these responsibilities, relevant laws (including but not limited to the Telecommunications Act of 1996) and contractual obligations, and the highest standard of ethics.

Prior to accessing a Cecil College computer and/or a Cecil computer network, you will be required to agree or disagree to the following disclaimer.

You are about to access a Cecil College computer and/or computer network that is intended for authorized users only. You should have no expectation of privacy in your use of this network. Use of this network constitutes consent to monitoring, retrieval and disclosure of any information stored within the computer or network for any purpose including criminal prosecution.

Use of the Cecil College computer systems is contingent upon the following rules:

1. You may not attempt to access or modify any data or programs unless you have been granted permission.
2. You may not make unauthorized copies of any copyrighted software for personal use.
3. You may not engage in any activity which: harasses other users; makes personal profit or conducts personal business; participates in gambling activity; endangers lives or livelihoods; accesses or distributes pornographic material; or engages in criminal activity.
4. You may not download, install, or run any program from the Internet without the approval of your instructor or a network administrator.
5. You may not install or run any software, which is not supplied or authorized by the College.
6. You may not run password tracking, password cracking, or virus generating programs for any reason.
7. You may not install or run any streaming video, or live audio programs from the Internet without the specific approval of your instructor or a network administrator.

Electronic mail (Email) services are provided for students, faculty and staff and should not be used for fraudulent, harassing, or obscene purposes.

Unauthorized or illegal use of a Cecil College computing asset will not be tolerated and may result in disciplinary or criminal prosecution or both.

Procedure

I. Introduction
   Information technology at Cecil College is provided to facilitate the educational process and the administrative efforts in support of research and instruction for faculty, staff and students of Cecil College. The use of said facilities must be consistent with the mission statement of the College and with facilitating the exchange of knowledge and information, while encouraging resource sharing and collaborative projects in education and research.

   The Responsible Use of Information Technology Policy for Cecil College contains the governing philosophy for regulating faculty, staff, and student use of the College's information technology resources. It spells out the general principles regarding the appropriate use of equipment, software, and networks. By adopting this policy, the College recognizes that all members of the College are also bound by local, state, and federal laws relating to copyrights, security, and other statutes regarding electronic media. The policy also recognizes the responsibility of faculty and staff to take a leadership role in implementing the policy and assuring that the College community complies with the policy.

   Information technology provides important means of communication, both public and private. Users and system administrators will respect the privacy of person-to-person communication in all forms, including voice (telephone), text (electronic mail and file transfer), and image (graphics and video).

   Access to the College's information technology facilities is a privilege granted to the College's students, faculty, staff and others designated by the College. Access to College information resources may be granted, limited, or withdrawn by the College based on the following factors: observance of relevant guidelines, laws, and contractual obligations, the requester's need to know, the information's sensitivity, the risk of damage to or loss by the College, and the person's previous history of use.

   The College reserves the rights to extend, limit, restrict, or deny privileges and access to its information resources. Individuals other than College faculty, staff, and students may be permitted access to information as long as such access does not violate any license or contractual agreement, College policy, or any federal, state, county, or local law or ordinance.

   College facilities and accounts are to be used for the activities or purposes for which they are assigned. College computing resources are not to be used for commercial purposes without written authorization from the College. In these cases, the College will require payment of appropriate fees. This policy applies equally to all College-owned or College-leased equipment.

   Users must guard against abuses that disrupt or threaten the viability of any system, including those at the College and those on networks to which the College's systems are connected. Access to information resources without proper authorization from the data owner, unauthorized use of College facilities, and intentional corruption or misuse of information resources are direct violations of the College's standards for conduct, as outlined in the Cecil College Faculty and Staff Manuals, and the Student Handbook.
II. Implementation
   Cecil College's Information Technology Department and the Information Technology staff are responsible for the implementation of this policy. Faculty, staff and students are responsible for following all policies and guidelines specified and implied.
III. Enforcement
   Alleged violations of this policy shall be subject to the procedures outlined in the Cecil College Faculty and Staff Manuals, College Catalog (Student Misconduct Policy), and the Student Handbook. Cecil College treats access and use violations of computing facilities, equipment, software, information resources, networks, or privileges seriously. Cecil College will pursue criminal and civil prosecution of violators when appropriate.
IV. Procedures for Use of Information Technology at Cecil College (Cecil)
   1. It is prohibited for users to interfere with or disrupt network users, services or system resources. Disruptions include, but are not limited to, distribution of unsolicited advertising, creation and/or propagation of computer worms or viruses, transmission of slanderous and/or harassing materials, chain letters, and using Cecil facilities to gain unauthorized entry to any other facility, whether they are internal or external to the Cecil network.
   2. It is prohibited for users to use equipment for illegal purposes as defined in the Telecommunications Act of 1996.
   3. It is prohibited for users to use Cecil's information technology resources for private financial gain.
   4. It is prohibited to divulge student e-mail addresses without the consent of the owner of that address.
   5. All data found on Cecil administrative systems is to be considered confidential. This is true even if the software system does not enforce this confidentiality.
   6. All software found on Cecil systems is licensed by Cecil and as such may not be copied for personal use, transferred to non-Cecil equipment or modified in anyway.
   7. Users not accessing the systems for six consecutive months will be considered inactive and will be removed from the system unless Information Technology is informed that they are on extended leave.
V. Guidelines for Creation and Maintenance of World Wide Web (WWW) pages at Cecil College
   All WWW pages created for departments or organizations within Cecil and placed on the Web Server are considered an official representation of Cecil and thus must be in compliance with the stated mission and standards for Cecil.
   a. All pages for students/student organizations must be approved by the faculty/staff advisor and the Vice President of Students and Institutional Effectiveness or designee.
   b. All departmental pages must be approved by the appropriate Vice President, Dean or Administrator.
   c. All WWW pages are subject to periodic review by appointed person(s).
VI. Disciplinary and Appeal Procedures Disciplinary Procedures:
   - Students:
     Students who are charged with violation of the policy will be referred to the Vice President of Student Services and Institutional Effectiveness or designee.

     Students who are found in violation of the policy may receive the following sanctions:

     First Offense: The Vice President of Student Services and Institutional Effectiveness or designee may refer the student to appropriate counsel in the proper use of the technology resource. Sanctions may be imposed depending on the seriousness of the violation.

     Second Offense: Sanctions may include but not be limited to temporary suspension of the technology resource.

     Third Offense: This will result in serious disciplinary action including but not limited to suspension of the technology resource, including E-mail and Internet access. Serious multiple violations could result in dismissal from the College.

     Based on the principles of standard classroom management, faculty reserves the right to dismiss students (temporarily or permanently) from a class if the student's use of technology in that class is not consistent with the academic objectives of the course.

     Appeal Procedures: Complaints will be adjudicated as detailed in the Student Misconduct Policy. This process is described in detail in this Catalog.
   - Faculty/Staff:
     Based on the nature of the offense and/or the number of violations, and if the violation is confirmed, the appropriate supervisor may take action in accordance with due process.

     Appeal Procedures: Any determination of the College or action taken which affects an employee of the College may be formally appealed through one of the College's available grievance procedures, if any such procedure applies to the employee. If no grievance procedure applies, any determination below the level of President may be appealed to the President, but a decision by the President will be considered final.

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Copyright

The copyright law of the United States (Title 17, U.S. Code) governs the making of photocopies or other reproductions of copy-righted material. The person making the copy is liable for any infringement. For further information about copyright laws consult the following:

- Internet sites for more information about copyright: fairuse.stanford.edu and www.loc.gov/copyright.
- Books about copyright laws that can be borrowed from the library.
- DVD's about copyright laws that can be viewed in the library. Cecil College has purchased an annual academic license to the Copyright Clearance Center. Faculty can search the Clearance Center to determine copyright permissions obtained through this license at www.copyright.com/services/copyrightoncampus/.

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Drug Use and Alcohol Abuse Prevention Policy

It is the policy of Cecil College, in accordance with State and Federal guidelines, to promote a drug free workplace and campus.In addition, Cecil College recognizes and supports the need to continue a firm stand on the issue of drug use and alcohol abuse prevention and education.

Procedures for a Drug Free Workplace and Campus
In compliance with the Drug Free Workplace Act of 1988, The Drug Free Schools and Communities Acts of 1986 and 1989 and The State of Maryland Executive Order 01.01.1989 – Drug and Alcohol Free Workplace, the Board of Trustees of Cecil College adopted the Drug Free Workplace Policy effective March 18, 1989 and the Drug Use and Alcohol Abuse Prevention Policy effective October 1, 1990. These procedures are reviewed and amended biannually, as required by the U.S. Department of Education.

Philosophy
Cecil College is dedicated to maintaining an educational environment that prepares students for an enriched and productive participation in society, thus enhancing the quality of community life. Social life should assist, and not detract from, these most basic goals. All members of the academic community – trustees, students, faculty, administrators and other staff members – share the responsibility for protecting the academic environment, and all are expected to exemplify high standards of professional and personal conduct.

The illegal or abusive use of alcohol and other drugs by members of the academic community adversely affects the educational environment as well as the workplace. It is not only detrimental to academic endeavor and enjoyable social activity, but is potentially illegal, dangerous to health, frequently produces destructive behavior, is likely to cause irresponsible use of motor vehicles or other equipment, and often impairs personal interaction and decision making.

Therefore, Cecil College is committed to having a campus that is free of alcohol and other drug use and abuse. In keeping with its mission, Cecil College will utilize prevention through education as a major approach to the problem. Standards of conduct for members of the campus community will be established herein and will include remedial actions and sanctions as required by law.

Definitions
The following terms used in these procedures are defined as follows:

- "substance" means alcohol and other drugs;
- "alcohol" means alcohol or ethanol;
- "drug" means any substance taken into the body, other than food, which alters the way in which the body normally functions; and
- "abuse" means use of any illegal drug or use of any drug, including alcohol, over the counter or prescription drugs, when use is not in conformance with prescription requirements, or circumstances when use is not permitted.

Prohibition Against the Abuse of Drugs, Substances and Alcohol
The sale, distribution, use, manufacture, possession or abuse of illegal drugs and the abuse of alcohol and other substances is a violation of federal and/or state laws and is prohibited at all times. Violators will be subject to arrest and prosecution. Students, faculty and staff who are found guilty of violating federal and/or state laws on College property, or while on College business, will be subject to disciplinary action up to and including dismissal and/or termination. Penalties may include drug and alcohol education and referral to the Cecil County Alcohol and Drug Center or other treatment programs in lieu of dismissal or termination.

College-Wide Resources
Available to all members of the College community, the College supports Project Alert, a student-directed information program, providing education, individual and group support, and confidential referral to treatment and counseling services. Information projects, such as workshops, speakers and orientation programs, are designed and presented to develop awareness of the dangers and consequences of substance abuse. For additional information, contact The Advising Center at 410-287-1000.

Additional information resources available in the community include:

- The Drug and Alcohol Center 410-996-5106
- Family Services of Cecil County 410-398-4060
- Union Hospital of Cecil County 410-398-4000
- The Vet Center 410-398-0171
- Cecil County Mental Health 410-996-5104
- Cecil Citizens Against Drugs 410-392-0055

Risks of Alcohol and Other Drug Use
Federal and state laws require the College to provide basic information within its policy about the numerous health risks associates with abuse of substances. It is not possible to fully explain all of them within this document, but some of the facts will be outlined in accordance with the requirements. Project Alert maintains a resource library, circulates flyers, articles and pamphlets on many of these health risks in addition to its classes, seminars and workshops.

Impairment of motor skills, loss of judgment and toxic reactions are among the many risks associated with alcohol and other drug use and abuse. Physical and psychological dependence can result from prolonged or continuous use of alcohol and other drugs. Sometimes even short term or periodic use of certain substances can produce physical and psychological dependence. Alcohol and other drug use has been related to a broad range of illnesses such as liver disease, nutritional deficiencies, ulcers, neurological and convulsive disorders, cancers, heart and artery diseases.

Some other known effects and risks include:

- HIV Infection: (Human Immunodeficiency Virus) – the virus which causes AIDS (Acquired Immune Deficiency Syndrome). AIDS can be a fatal condition. Intravenous (IV) drug users and people under the influence of alcohol and other drugs are at risk for contracting the HIV virus. The use of alcohol and other drugs impairs judgment, lowers defenses and can put the user and user's partner(s) in danger of acquiring HIV by transfer of blood products, and the transfer of other body fluids.
- Drug Affected Infants: Alcohol and other drug use during pregnancy can be very dangerous since these substances pass freely from the mother's body to the baby's. New studies also show that a male's use of alcohol and other drugs can affect the unborn child. One in ten children born in urban areas have been prenatally exposed to cocaine. Among the many symptoms, affected infants are likely to be born with low birth weight (under 5.5 pounds), suffer from attention deficit problems, coordination and developmental retardation and are at increased risk of Sudden Infant Death Syndrome (SIDS).
- Fetal Alcohol Syndrome (FAS): an especially tragic result of drinking by pregnant women because its victims are helpless babies. Drinking alcohol is very risky in any stage of pregnancy, especially during the first trimester. An estimated three out of every1,000 babies born has fetal alcohol syndrome. Effects can be similar to those described above for drug-affected infants.

Other substances and known effects include:

- Marijuana – made from the dry leaves of the hemp plant. When smoked or eaten, it alters the chemicals in the body that control mood, appetite, perception, energy and concentration. The drug affects the brain cells in a way that disrupts long and short term memory. Marijuana also creates hormonal changes in both males and females which can lead to damage of the reproductive system, affecting the unborn child.
- Anabolic Steroids – laboratory-made substances which are used primarily by athletes to increase muscle size and body weight. In addition to being illegal, steroids can cause serious negative side effects. Psychological problems include increased anger, uncontrolled aggression, depression and low tolerance for frustration. Physical side effects in men include a decrease in sperm count, atrophy of the testes, impotence, cancer of the prostate, early baldness, high blood pressure, heart disease and liver failure. In women, side effects include masculinizing reactions such as growth of facial and body hair, deepening of the voice, male pattern baldness and menstrual irregularities. In both sexes, there is an increased risk of birth defects in babies born to parents who use or used steroids.
- Cocaine and "Crack" – derived from the leaves of the cocoa plant. When inhaled or smoked it stimulates the central nervous system and increases heart rate, blood pressure and body temperature. Some doses can cause weight loss, damage to the central nervous system, skin abscesses, and perforation of the septum of the nose, depression and paranoid psychosis. Newborn babies of mothers abusing the drug can be addicted.
- LSD or "Acid" – a hallucinogenic substance that is chemically derived from components of grain fungus. When ingested it causes dilation of the pupils and increases pulse rate, blood pressure and body temperature. Acting on the brain, it causes sensory distortions and hallucinations. Other responses include loss of identity, faulty judgment, sense of unreality, anxiety, depression, terror and panic. It can result in psychological dependence, and is potent in small doses. Narcotics – include opium, morphine, heroin, codeine and synthetic substances that can be taken orally, snorted, smoked or injected into the skin or a vein. They relax the central nervous system and appear to be able to reduce anxiety levels, promote drowsiness and allow sleep in spite of severe pain. Short-term physical effects include pinpoint pupils, lethargy, skin abscesses, chronic constipation, nausea and respiratory depression. Psychological effects include anxiety, irritability, mood swings, depression, drug seeking and antisocial behavior.

Maryland Alcoholic Beverage Laws

1. The minimum legal age for the possession and/or consumption of alcoholic beverages is 21 years.
2. It is unlawful to purchase alcoholic beverages for, or to give alcohol to, a person under 21 years of age.
3. It is unlawful for any minor to knowingly and willingly make any misrepresentation or false statement to his/her age in order to obtain alcoholic beverages.
4. It is unlawful for any person to purchase alcoholic beverages for consumption by an individual who is known to be a minor.
5. It is unlawful for any persons to possess open containers of any alcoholic beverage in a public place.
6. In Maryland, the penalties for persons over 21 driving under the influence (DUI – Blood Alcohol Concentration – BAC.07) and driving while intoxicated (DWI – BAC.10) includes fines, suspension or revocation of license and imprisonment.
7. Effective January 1, 1990, the driver of a vehicle who is under 21 and who has a .02 Blood Alcohol Concentration (BAC) can have his/her driver's license suspended for one year.

Cecil County Code for Possession of Alcohol
It is a violation in Cecil County to possess an open container that contains or has contained alcoholic beverages on a street, in a parking lot, on a highway, on a sidewalk, in other public places or in a motor vehicle. This applies equally to campus premises.

College Requirements for Alcohol Use
Cecil College recognizes that a responsible and mature attitude towards alcohol is a desirable goal. These requirements and guidelines provide an opportunity to develop such responsibility. They presume adherence to Maryland State Law and respect for the rights of others.

1. The use, possession, and/or serving of beer and wine at all College activities is subject to county, state and federal regulations.
2. The use, possession, and/or serving of alcoholic beverages is prohibited at all on-campus College sponsored student activities. Requests for exceptions to these guidelines should be directed to the Vice President of Student Services and Institutional Effectiveness or the appropriate budget head.
3. Non-student activities sponsored by any department, faculty or staff at which alcohol will be served require approval from the Vice President or Budget Head of the division.
4. Alcoholic beverages will not be sold or served at College sporting events.
5. STUDENT PLEDGE: In accordance with Federal law, the following statement with required signature is contained in the student Application for Admission: "In making this application, I accept and agree to abide by the policies and regulations of Cecil College concerning drug and alcohol abuse and understand that the unlawful use of drugs or alcohol will subject me to the penalties contained in those policies and regulations."

Guidelines for Complying with College Alcohol Requirements

1. Admission to events where alcohol is served must be by invitation or ticket. Members of the College community are responsible for their guests to insure adherence to all applicable laws, regulations and policies as well as appropriate behavior.
2. A notice of the legal drinking age must be posted at the entrance to the event in the immediate serving area.
3. The event coordinator is responsible for a system to ensure that no one who is underage is served alcoholic beverages. A college representative or designee will be in attendance at all student events where alcoholic beverages are served in order to provide overall supervision of the event and to monitor the service and use of alcoholic beverages.
4. The burden of proof for showing legal age is placed upon the person desiring alcohol service. No service will be provided unless clear evidence of legal age is presented. No person under the legal drinking age of 21 shall be served alcohol. The following procedures are recommended:
   - Check picture I.D.s at the entrance. Acceptable identification consists of a valid driver's license with photo or other I.D. issued to non-drivers by the D.M.V.
   - Use an ink stamp or other non-transferable identification for all persons who are of legal drinking age.
   - Serve each person only one drink at a time.
5. No person who is intoxicated or appears under the influence of drugs or alcohol, or who is disorderly in conduct, may attend an event nor consume, serve or dispense alcoholic beverages. If an individual becomes intoxicated at the function, he/she will not be served additionally and may be asked to leave for the remainder of the event. A free ride home will be offered to anyone appearing unsafe to drive a vehicle. Unusual and/or suspicious behavior should be assessed on a case-by-case basis by the instructor or supervisor and appropriate action or referral taken. If necessary, the instructor or supervisor may seek additional advice or assistance from appropriate resources at the College.
6. All bartenders must be 21 years of age or older. According to Maryland law all facilities must have a person on site who has completed a certified alcohol intervention workshop. Server intervention workshops will be offered each semester by qualified trainers under Maryland licensing regulations for students, faculty, and staff recruited to be servers at functions where alcohol is available.
7. At all events where alcoholic beverages are served, nonalcoholic beverages such as soft drinks, lemonade, coffee and tea must be provided at minimal cost. Amounts must be reasonably related to expected attendance below the age of 21 and persons who prefer not to drink alcoholic beverages.
8. High fat, high-protein foods, in quantities proportional to the number of guests, shall be provided and prominently displayed throughout any event where alcohol is served.
9. The serving of alcohol must be discontinued one hour prior to the close of the event and a free ride home will be provided upon request or offered to anyone appearing unsafe to drive a vehicle.
10. Alcoholic beverages will be served only in the area(s) reserved.
11. Alcoholic beverages may not be brought in by others nor removed for consumption elsewhere.
12. No one should be induced or coerced, even subtly, to drink or to over indulge. The serving of alcoholic beverages must be incidental to the event and not the focus of the event.
13. Alcohol will only be available for a maximum of three hours and not past 12:00 midnight.
14. No advertising for an event which promotes alcohol or emphasizes the quantity of alcohol to be served is permitted. All promotional material and/or paid advertising must be reviewed and approved by a designated Enrollment and Student Support Services administrator.
15. Alcoholic beverages may not be given away as door prizes or raffled.

Policy Enforcement for Students

1. Violations by students are subject to law enforcement procedures as applicable and/or to action according to the College's disciplinary procedures for students. Violators of College policy will receive sanctions up to and including expulsion and/or referral for prosecution. Individuals may be referred to an appropriate substance abuse education program or to the Cecil County Alcohol and Drug Center as a provision of any penalty or sanction for violation of policies and/or regulations.
2. Violations by students will be handled according to the "Due Process" procedure through Student Services and Institutional Effectiveness or the division of Career and Community Education as applicable.

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Family Educational Rights and Privacy Act (FERPA)

The Family Educational Rights and Privacy Act (FERPA) allows the Registrar to release student directory information. This information may include names, addresses, telephone numbers, birth dates, birth places, major fields of study, attendance dates, degrees and awards, the most recent educational agencies or institutions attended, participation in officially recognized college activities or sports, and athletic team members' weights and heights. The College generally will release only the student's name, dates of attendance and degrees, and/or certificates earned as directory information.

To have directory information withheld, written notification must be received from currently enrolled students in the Registrar's Office within two weeks after the first day of classes for the semester/term. Cecil College assumes that failure on the part of any student to request withholding of directory information indicates individual approval for disclosure.

The Act affords students the opportunity to inspect and review their educational records within forty-five (45) days of the College's receipt of request for access. Students should submit, to the Registrar, written requests that identify the record(s) they wish to inspect. The Registrar will make arrangements for access and notify the student of the time and place for review.

Students may request an amendment of any of their educational records that they believe are inaccurate or misleading. If the College decides not to amend the record as requested by the student, the College will notify the student of the decision and advise the student of his/her right to a hearing.

Students have the right to f ile a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA. The name and address of the office that administers FERPA is: Family Policy Compliance Office, U. S. Department of Education, 400 Maryland Avenue, SW, Washington DC 20202-4605.

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Non-Discrimination Statement

It is the policy of Cecil College not to discriminate against any individual by reason of race, color, sex, marital status, citizenship, national or ethnic origin, age, religion, sexual orientation, or disability (which can be reasonably accommodated without undue hardship) in the admission and treatment of students, educational programs and activities, scholarship and loan programs, recruitment, hiring or promotion of faculty and staff, or with conditions of employment, in accordance with and to the extent required by law.

The Director of Human Resources is available to assist College employees and students in answering questions or resolving issues related to the non-discrimination, equal opportunity and issues related to access and accommodation for individuals with disabilities.

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Prohibition of Weapons

I. Policy
   Cecil College employees, students, visitors and guests are not permitted to keep, bring, or transport weapons of any kind onto the College campus or other facilities owned or leased by the College. Weapons include, but are not limited to, rifles, shotguns, handguns, pellet or BB guns, stun guns, dangerous knives as defined in Maryland statute § 4-101, Billy club, makeshift weapons, martial arts weapons, ammunition and explosives or any other lethal or dangerous device capable of casting a projectile by air, gas, explosion or mechanical means on any property or in any building owned or operated by the college or in any vehicle on campus. The Director of Safety & Security or his designee, upon observation or a report, may confiscate any weapons brought to any Cecil College locations. The weapon will be turned in to the Maryland State Police.

   The College recognizes that occasionally there are legitimate academic purposed for weapons on campus. Any requests for exceptions related to academic purposes should be directed to the Vice President, Academic Programs who will coordinate with the Vice President, Administrative Services.
II. Procedure
   There may be other items not cited above that the Director, Security/Safety or other College official deems to be unsafe and are thereby prohibited on College facilities. The only exception is a weapon in the possession of a person authorized by a governmental organization, and who has registered both his/her presence and weapon with the Cecil College Office of Safety & Security.

   The College considers violation of this policy to be a serious offense which could result in termination including one's failure to report information regarding the possession of any weapon on campus. Likewise any student who violates this policy or fails to report information regarding the possession of weapons on campus will fall under the Student Code of Conduct Policy which could result in dismissal or expulsion.

   Exceptions for academic purposes must be requested in writing through the Vice President of Academic Programs. All requests shall be reviewed by the Vice President of Administrative Services in consultation with the Director of Security.

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Rights and Responsibilities of Student Members of the College

The following is a bill of rights and responsibilities adopted by Cecil College for the student members of the College community.

The bill was adopted from a report by the Carnegie Commission on Higher Education. Student members of the campus have an obligation to fulfill the responsibilities of their particular roles within the academic community.

I. As citizens, student members of the campus enjoy the same basic rights, and are bound by the same responsibilities to respect the rights of others, as are all citizens.
   Among the basic rights are freedom of speech, freedom of press, freedom of peaceful assembly and association, freedom of political beliefs, and freedom from personal force and violation, threats of violence and abuse.
   Freedom of press implies the right to freedom from censorship in campus newspapers and other media, and the concomitant obligation to adhere to the canons of responsible journalism.
   It should be made clear that editorial opinions are not necessarily those of the institution or all of its members.
   The campus is not a sanctuary from the general law.
   The campus does not stand "in loco parentis" for its members.
   Each member of the campus has the right to organize his/her own personal life and behavior, so long as it does not violate the law or agreements voluntarily entered into, and does not interfere with the rights of others or the educational process.
   Admission to, employment by, and promotion within the campus shall be in accordance with the provisions against discrimination in the general law.
II. All members of the campus have other responsibilities and rights based upon the nature of the educational process and the requirements of the search for the truth and its free presentation. These rights and responsibilities include:
   The obligation to respect the freedom to teach, learn, and conduct research, and publish findings shall be in the spirit of free inquiry. Institutional censorship and individual or group intolerance of the opinions of others are inconsistent with this freedom.
   Freedom to teach and to learn implies that the teacher has the right to determine the specific content of the course, within the established guidelines of the college or course definition, and the responsibility not to depart significantly from the area of competence or to divert significant time to material extraneous to the subject matter of the course.
   The obligation exists not to infringe upon the right of all members of the campus to privacy in offices and laboratories in the keeping of personal papers, confidential records, and effects, subject only to the general law and to conditions voluntarily entered into. Campus records of its members should contain only information which is reasonably related to the educational purposes or safety of the campus.
   The obligation exists not to interfere with any member's freedom to hear and to study unpopular and controversial views on intellectual and public issues.
   The right exists to identify oneself as a member of the campus, and a concurrent obligation exists not to speak or act on behalf of the institution without authorization.
   The right exists to hold public meetings in which members participate, to post notices, and to engage in peaceful, orderly demonstrations.
   The right exists to recourse if another member of the campus family is negligent or irresponsible in performance of his or her responsibilities, or if any member of the campus represents the work of another as his/her work.
   The right exists to be heard and considered at appropriate levels of the decision-making process about basic policy matters of direct concern. Members of the campus who have a continuing association with the institution and who have substantial authority and security have an especially strong respect for the rights of others and fulfillment of academic responsibilities.
   All faculty should maintain the highest standards in the performance of their academic responsibilities consistent with the individual student's success.
   Trustees have a particular responsibility to protect the integrity of the academic process from external and internal attacks and to prevent the political or financial exploitation of the campus by any individual or group.
III. The institution, and any division or agency which exercises direct or delegated authority for the institution has rights and responsibilities of its own. The rights and responsibilities of the institution include:
   Right and obligation to provide an open forum for members of the campus to present debate issues.
   Right and obligation to provide, for members of the campus, the use of meeting rooms under the rules of the campus including use of political clubs; to prohibit use of rooms by individuals members or groups of members on a regular or prolonged basis as free headquarters for political campaigns; and to prohibit use of its name, its finances, and its office equipment and supplies for any political purpose at any time.
   Right and obligation not to take a position, as an institution, in electoral policies or on public issues, except on those issues which directly affect its autonomy, the freedom of its members, its financial support, and its academic functions.
   Right and obligation to protect the members of the campus and visitors to it from physical harm, threats of harm or abuse; its property from damage and unauthorized use, and its academic and administrative processes from interruption.
   Right to require that persons on the campus be willing to identify themselves by name and address and to state what connection, if any, they have with the campus.
   Right to set reasonable standards of conduct in order to safeguard the educational process and to provide for the safety of members of the campus and the institution's property.
IV. Student members of the campus have a right to fair and equitable procedures which shall determine the validity of charges of violation of campus regulations.
   The procedure shall be structured so as to facilitate a reliable determination of the truth or falsity of charges, to provide fundamental fairness to the parties, and to be an effective instrument for the maintenance of order.
   All members of the campus have a right to know in advance the range of penalties for violations of campus regulations. Definition of adequate cause for separation from the campus should be clearly formulated and made public.
   Charges of minor infractions or regulations, penalized by small fines or reprimands which do not become part of permanent records, may be handled expeditiously by the appropriate individual or committee. Persons so penalized have the right to appeal.
   In the case of charges of infractions of regulations which may lead to notation in permanent records or to more serious penalties, such as suspension or expulsion, members of the campus have a right to formal procedures with adequate due process, including the right of appeal.
   Members of the campus charged with or convicted of violations under general law may be subject to campus sanctions for the same conduct, in accord with campus rule essential to the continuing protection of other members of the campus and to the safeguarding of the education process.

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Sexual Misconduct Policy

I. Policy Statement

Cecil College (the "College") is committed to maintaining a learning and working environment free from any form of Sexual Misconduct, including sexual and gender-based harassment or discrimination, sexual violence, dating violence, domestic violence, sexual exploitation and sexual intimidation. . Cecil College prohibits and will not tolerate Sexual Misconduct. Sexual Misconduct is a form of sex discrimination prohibited by state and federal laws, including Title IX of the Education Amendments of 1972 as amended ("Title IX") and Title VII of the Civil Rights Act of 1964 as amended, and also may constitute criminal activity.

It is the responsibility of all members of the Cecil College community to demonstrate responsibility, civility, and respect in their behavior. Cecil College will promote a climate that is free from sexual misconduct through education and prevention programs as well as timely and thorough response to reported violations of the Sexual Misconduct Policy. Any employee, student, vendor or affiliated person who engages in sexual misconduct in violation of this policy will be subject to disciplinary action including but not limited to dismissal from a class, suspension from the College or permanent expulsion or termination in the case of employees.

All Cecil College community members are subject to this policy, regardless of sex, sexual orientation, gender identity and gender expression. This includes all College students, College faculty, and College staff, as well as third parties and contractors under the College's control. Violations of the policy may occur between individuals or groups of individuals of any sexual orientation or actual or perceived gender identity. This Policy applies to Sexual Misconduct in connection with any College program or activity, including Sexual Misconduct: (1) in any College facility or on College property; (2) in connection with any College sponsored, recognized or approved program, visit or activity, regardless of location; (3) that impedes equal access to any College education program or activity or adversely impacts the employment of a member of the College community; or (4) that otherwise threatens the health or safety of a member of the College community.

No Retaliation and/or Intimidation
Any type of retaliatory and/or intimidating behavior against a person who files a complaint or otherwise participates in an investigation or adjudicatory action is expressly prohibited by this Policy. Cecil College shall take strong disciplinary action against any individual or group of individuals found responsible for retaliating and/or intimidating, or attempting to retaliate and/or intimidate, another person for making a report of sexual misconduct, participating in the investigation of sexual misconduct, participating as a witness in an adjudicatory proceeding, and/or otherwise participating in any way in support of a person exercising rights under this Policy.

II. Definitions

A. For purposes of this Policy, the following definitions of prohibited forms of sexual misconduct include:
   1. Sexual Harassment is any unwelcome sexual advance, unwelcome request for sexual favors, or other unwelcome verbal or physical conduct of a sexual nature when: (1) Submission to or rejection of such conduct is made, either explicitly or implicitly, a term or condition of an individual's employment, evaluation of academic work, or participation in any aspect of a College program or activity; (2) Submission to or rejection of such conduct by an individual is used as the basis for academic, employment, or activity or program participation related decisions affecting an individual; or (3) Such conduct has the purpose or effect of unreasonably interfering with an individual's work or academic performance, i.e., it is sufficiently severe or pervasive to create an intimidating, hostile, humiliating, demeaning or sexually offensive working, academic, residential or social environment.
   2. Sexual Assault is any type of sexual contact or behavior that occurs without the explicit consent of the recipient. . Non-Consensual Sexual Contact and Non-Consensual Sexual Intercourse as defined below may be considered Sexual Assault within the meaning of this Policy.
   3. Non-Consensual Sexual Contact is any intentional sexual touching, however slight and with any object or body part, or exposure or disrobing of another, that is without consent (as defined below) and/or by force or coercion. This includes intentional contact with breasts, buttocks, groin, mouth, or genitals, as well as any other intentional bodily contact that occurs in a sexual manner.
   4. Non-Consensual Sexual Intercourse is any sexual penetration or copulation, however slight and with any object or body part that is without consent and/or by force or coercion. Intercourse includes anal or vaginal penetration by a penis, object, tongue, or finger, and oral copulation (mouth and genital/anal contact), no matter how slight the penetration or contact.
   5. Sexual Exploitation means taking non-consensual or abusive sexual advantage of an individual to benefit anyone other than the person being exploited. Examples include: invading privacy, video or audio recording of sexual acts without consent, knowingly transmitting a Sexually Transmitted Infection (STI), sexually-based stalking or bullying, or exposing one's genitals.
   6. Sexual Intimidation means (1) threatening to sexually assault another person; (2) gender or sex-based Stalking, including cyber-Stalking; or (3) engaging in indecent exposure.
   7. Dating Violence means violence or threat of violence between individuals in a personal and private social relationship of a romantic or intimate nature. The existence of such a relationship shall be determined based on a consideration of the length of the relationship, the type of the relationship, and the frequency of interaction between the persons involved in the relationship.
   8. Domestic Violence means violence committed by a current or former spouse or intimate partner, by a person with whom a child is shared in common, by a person cohabitating with or has cohabitated with the individual as a spouse or intimate partner, by a person similarly situated to a spouse, or by any other person similarly situated to a spouse or any other person against an adult or youth protected from those acts by domestic or family violence laws of Maryland. Domestic violence includes threats or a pattern of abusive behavior of a physical or sexual nature by one partner intended to control, intimidate, manipulate, humiliate, frighten, coerce or injure the other.
   9. Stalking means the repetitive and/or menacing pursuit, following, harassment, or other interference with the peace and/or safety of another person or that of his or her immediate family members; including cyber-Stalking.
B. Definition of Consent:
   Consent is defined as permission to act. It may be given by words or actions, so long as those words or actions create clear, mutually understood permission to engage in (and the conditions of) sexual activity. Consent must meet all of the following standards:
   1. Active, not passive. Silence, in and of itself, cannot be interpreted as consent. There is no requirement that an individual resist a sexual act or advance, but resistance is a clear demonstration of non-consent.
   2. Given freely. A person cannot give consent under force, threats, or unreasonable pressure (coercion). Coercion includes continued pressure after an individual has made it clear that he/she does not want to engage in the behavior.
   3. Provided knowingly. Legally valid consent to sexual activity cannot be given by:
      a. A person under the legal age to consent (16 years old in Maryland) or
      b. An individual who is known to be (or based on the circumstances should reasonably be known to be) mentally or physically incapacitated. An incapacitated individual is someone who cannot make rational, reasonable decisions because he or she lacks the capacity to understand the "who, what, when, where, why, or how" of a sexual interaction. This includes a person whose incapacity results from mental disability, sleep, involuntary physical restraint, unconsciousness, use of alcohol or other drugs.
   4. Specific. Permission to engage in one form of sexual activity does not imply permission for another activity. In addition, previous relationships or prior consent do not imply consent to future sexual acts. It is the responsibility of the initiator of the act to receive permission for the specific act. As a result, consent may be requested and given several times by multiple parties during a sexual encounter involving multiple acts.
C. Definitions Related to Implementation of Policy:
   1. Retaliation means intimidating, threatening, coercing, or discriminating against any individual for the purpose of interfering with any right or privilege secured by law or College policy relating to Sexual Misconduct, or because an individual has made a report, testified, assisted, or participated in any manner in an investigation, proceeding, or hearing related to Sexual Misconduct. Retaliation includes retaliatory harassment.
   2. Interim Measures means reasonably available steps the College may take to protect the parties while a Sexual Misconduct investigation is pending.
   3. Responsible Employee includes any College employee who (1) has the authority to take action regarding Sexual Misconduct; (2) is an employee who has been given the duty of reporting Sexual Misconduct; or (3) is someone another individual could reasonably believe has this authority or duty. At a minimum, Responsible Employees must include: the Title IX Coordinator and any Title IX Team members, all College administrators, all faculty, all athletic coaches, and College security staff members.

III. Reporting Sexual Misconduct and Requesting Interim Measures

The College encourages victims of Sexual Misconduct to report those incidents to the College's Title IX Coordinator or any responsible employee with whom the victim feels comfortable.

A. Victim Reporting
   The College shall offer victims of sexual misconduct options for reporting the misconduct and requesting interim measures required by Title IX. These options shall include:
   - The victim reports the misconduct to the Title IX Coordinator or another College employee whom the College has designated as responsible for receiving and/or responding to reports of sexual misconduct. The victim should be notified of the interim measures available and requests for interim measures can be made by the victim to the Title IX Coordinator or responsible employee. Reports of sexual misconduct to responsible employees will be forwarded to the Title IX Coordinator who will determine what steps need to be taken. Generally, the College will investigate the report to determine what occurred and the College will provide interim measures during the investigative process and any disciplinary process.
   - The victim discloses the misconduct to a victim advocate through the Office of Student Life or the ADA and Special Services Officer who in turn can request interim measures on the victim's behalf from the College. Under the second option, victims should be aware that when a victim advocate through the Office of Student Life or the ADA and Special Services Officer requests interim measures on their behalf from a responsible employee of the College and discloses that the reason for the request is sexual misconduct, the request may trigger the College's Title IX obligation to investigate. To the extent the victim advocate through the Office of Student Life or the ADA and Special Services Officer makes such a disclosure, but, consistent with the victim's wishes, asks that the College not investigate or otherwise notify the alleged perpetrator of the report, the Title IX Coordinator will consider whether it can honor the request while still providing a safe and nondiscriminatory environment for all students, and take Interim measures to protect the victim as necessary.
   - The victim,[or his or her advocate through the Office of Student Life or ADA and Special Services Officer], requests supportive measures from the College without reporting the sexual misconduct to the College. While the College strongly encourages all victims of sexual misconduct to report the incident to the College directly, the College wants victims to have access to supportive measures regardless of when or whether they decide to report the conduct to the College.
B. Third Party and Anonymous Reporting
   Individuals who have become aware of a violation of this Sexual Misconduct Policy that does not involve the individual directly should report to the Cecil College Title IX Coordinator. If an individual wishes to report a violation of the Sexual Misconduct Policy anonymously, the report should also be made to the Title IX Coordinator. Anonymous reporting may limit what action Cecil College may be able to take.
C. Notification of the Means of Reporting Sexual Misconduct and Requesting Interim Measures
   The College shall provide notification to the College community of the means of reporting sexual misconduct and requesting interim measures.

IV. Interim Measures

Interim measures are those services, accommodations, or other assistance that the College puts in place for victims after receiving notice of alleged sexual misconduct but before any final outcomes - investigatory, disciplinary, or remedial - have been determined. The College wants its students to be safe, to receive appropriate medical attention, and to get the help they need to heal and to continue to access their educational opportunities. Upon receiving a report of sexual misconduct, the College will provide the victim, or the victim's advocate, with a written explanation of the interim measures available on campus and/or through local community resources and shall ask victims, or their counselors or advocates, what measures are sought. The College shall determine which measures are appropriate for a particular victim on a case-by-case basis. If the victim or advocate identifies an interim measure that is not already provided by the College, the College will consider whether the request can be granted. In those instances where interim measures affect both a victim and the alleged perpetrator, the College will minimize the burden on the victim wherever appropriate.

A victim of sexual misconduct, or the victim's counselor or advocate, may request the interim measures listed below. The College - after consulting with the victim or the victim's advocate through the Office of Student Life or ADA and Special Services Officer - will determine which measures are appropriate to ensure the victim's safety and equal access to educational programs and activities:

- Academic accommodations
- Assistance in arranging for alternative College employment arrangements and/or changing work schedules
- A "No contact" directive pending the outcome of an investigation. Such a directive serves as notice to both parties that they must not have verbal, electronic, written, or third party communication with one another
- Providing an escort to ensure that the student can move safely between school programs and activities
- Assistance identifying an advocate to help secure additional resources or assistance including off-campus and community advocacy, support, and services

The College shall work with victims or their counselors or advocates to identify what interim measures are appropriate in the short term (e.g., during the pendency of an investigation or other school response), and shall continue to work collaboratively throughout the College's process and as needed thereafter to assess whether the instituted measures are effective, and if not, what additional or different measures are necessary to keep the victim safe.

If a victim or a victim's counselor or advocate requests any of the above measures on the victim's behalf without disclosing that sexual misconduct is the basis for the request, the College will consider these requests for supportive measures consistent with its general policy of allowing counselors and advocates to seek such measures for victims of trauma without requiring that the nature of the trauma be disclosed.

V. Investigation Procedure and Protocol

The Cecil College Title IX Coordinator in responsible for receiving, investigating and coordinating the response to reports of this sexual misconduct policy violations at Cecil College. Once the College knows or reasonably should know of possible sexual misconduct, it must take immediate and appropriate action, in accordance with its internal procedures, to investigate or otherwise determine what occurred. This obligation applies to sexual misconduct covered by this Policy regardless of where the sexual misconduct allegedly occurred, regardless of whether a parallel law enforcement investigation or action is pending, and regardless of whether a formal complaint is filed.

A number of College employees shall be trained in conducting a formal investigation and may be designated by the Title IX Coordinator to assist as appropriate and if needed. As part of the investigation, the investigator shall meet with the reporting party to gather as much information as available about the alleged violation. The investigator should additionally interview anyone involved with the alleged violation in order to collect evidence and information.

Both the complainant and the respondent in an investigation have equitable rights to review evidence and participate in meetings specific to the investigation.

A request for confidentiality by the individual reporting alleged sexual misconduct may limit, but not prohibit, the College's ability to limit the effects or prevent recurrence of alleged sexual misconduct.

VI. Grievance and Adjudication Procedures

Any alleged violation of this Sexual Misconduct Policy will be adjudicated under the procedures outlined by the Cecil College Student Code of Conduct in the case of an alleged violation by a student enrolled at Cecil College and by procedures otherwise applicable to adjudication of employee and third party alleged misconduct generally. The procedures, participants, sanctions and appellate process all apply to these proceedings related to alleged violations of this policy. However, to the extent such procedures are not otherwise specified and/or are in conflict with any procedures outlined by the Cecil College Student Code of Conduct or the procedures applicable to the investigation of employee or third party conduct, the following procedures specific to the adjudication of violations of this Sexual Misconduct Policy shall apply:

- Mediation shall never be appropriate in sexual misconduct cases.
- The parties to the proceeding shall have equitable rights including: notice of hearing(s) to both parties; on opportunity for both parties to present witnesses and other evidence, such as information about the specific alleged violation but not about the complainant's prior sexual conduct with anyone other than the alleged perpetrator.
- The parties shall be afforded similar and timely access to information to be used during the proceeding.
- The parties are entitled to the same opportunities to have others present during the proceeding, including the opportunity to be accompanied to any related meeting or proceeding by an adviser of their choice (the scope of any adviser's role or potential involvement shall be explained to the parties).
- The preponderance-of-the-evidence (i.e., more likely than not) standard will be applied as the standard of review for determining findings of fact; used in any Title IX fact-finding and related proceedings, including any hearing.
- Evidence of a prior consensual dating or sexual relationship between the parties by itself does not imply consent or preclude a finding of sexual misconduct.
- The appeal process shall be equally available to the parties.

Any party participating in a proceeding may raise issues related to potential conflicts of interest of investigators or other individuals participating in the adjudication process by contacting the Title IX Coordinator.

As permitted by law, the institution must notify the parties concurrently, in writing, about the outcome of the complaint and whether or not sexual misconduct was found to have occurred. The institution must also concurrently inform the parties of any change to the results or outcome that occurs before the results or outcome become final, and the institution must inform the parties when the results or outcome become final. In addition, Cecil College shall not require either participant to abide by a nondisclosure agreement in writing or otherwise that would prevent the redisclosure of information related to the outcome of the proceeding.

VII. Prompt Resolution

If there is a determination that sexual misconduct has occurred, prompt and effective steps to eliminate the sexual misconduct, prevent its recurrence, and address its effects should be taken.

- Prompt generally means within 60 calendar days from the time a report is brought to the College's attention until an initial decision is rendered.
- There may be circumstances that prevent the College from meeting the 60-day timeline. In such circumstances, the College shall document the reasons why it was unable to meet the 60-day timeline.

VIII. Training

A. Prevention and Awareness Education
   The College shall develop and implement preventive education directed toward both employees and students. These educational initiatives should contain information regarding what constitutes sexual misconduct, definitions of consent and prohibited conduct, the College's procedures, bystander intervention, risk reduction, and the consequences of engaging in sexual misconduct. These educational initiatives shall be provided for all incoming students and new employees. The College shall also develop ongoing prevention and awareness campaigns for its students and employees addressing the same information.

   Cecil College shall provide on-going education and awareness information about this Sexual Misconduct Policy and related procedures through student orientation, workshops, handouts, poster campaigns and other outreach activity targeted at both the general student population as well as athletes and other campus leaders.
B. Annual Training Related to Implementation of Policy
   Cecil College faculty and staff shall receive annual training both in person and online on how to report incidents of sexual misconduct as well as how to effectively support victims. In addition, Public Safety personnel, the Title IX Coordinator, campus investigators, campus security authorities and participants in the adjudication process shall participate in appropriate annual training to assist them in meeting their responsibilities related to implementation of this Policy.

IX. Title IX Compliance Oversight

A. Title IX Coordinator
   The President shall appoint a Title IX Coordinator responsible for coordinating the institution's efforts to comply with and carry out its responsibilities under Title IX.

   The Title IX Coordinator must have adequate training on the requirements of Title IX, including what constitutes sexual misconduct, consent, credibility assessments, and counter-intuitive behaviors resulting from sexual misconduct. The Coordinator must understand how relevant institution procedures operate and must receive notice of all reports raising Title IX issues at the College.
B. Title IX Team
   The President or the Title IX Coordinator may identify a Title IX Team, which may include the Title IX Coordinator, Deputy Title IX Coordinators, Title IX investigators, and representatives from campus security and the Human Resources Department. The Title IX Coordinator shall be responsible for coordinating the activities of the Title IX Team.
C. Notice of Nondiscrimination
   1. Content
      The College shall publish a notice of nondiscrimination that contains the following content:
      a. Title IX prohibits the College from discriminating on the basis of sex in its education program and activities;
      b. Inquiries concerning the application of Title IX may be referred to the College's Title IX Coordinator or the Office for Civil Rights; and
      c. The Title IX Coordinator and any Title IX Team Member's title, office address, telephone number and email address.
   2. Dissemination of Notice
      The notice shall be widely distributed to all students, employees, applicants for admission and employment, and other relevant persons. The notice shall also be prominently displayed on the College's web site and at various locations throughout the campus, and must be included in publications of general distribution that provide information to students and employees about the College's services and policies. The notice should be available and easily accessible on an ongoing basis.

X. Legal Sufficiency Review

The College shall ensure that sexual misconduct cases undergo an appropriate legal sufficiency review by counsel prior to any decision.

XI. Record Keeping

The College shall maintain records of actions taken under this Policy, including, but not limited to, records of any reports of sexual misconduct, records of any proceedings or resolutions, and records of any sexual

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College President
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Cecil College Faculty
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Graduate Certificate, University of Maryland University College
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Th.D., The Gift School of Theology

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Programs Approved after July 1, 2015

Art and Design (Degree)
Criminal Justice (Degree)

Courses Approved after July 1, 2015

(None)

New Programs Awaiting Approval from MHEC

(None)

New Policies Approved After July 1, 2015

Admissions & Aid - Skills Assessment Waivers
Effective spring 2016, the required SAT score for skills assessment waivers will be 500 or better for reading, writing, and math.

Student Code of Conduct (Update Dec. 21, 2015)
Update to No. 1. Code of Conduct
1.5 [Original] Disruptive or Disrespectful Behavior. Disruptive behavior, repeated profanity or vulgarity or the open defiance of the authority of or abuse of college personnel. Disturbing the peace and good order of the College by, quarreling, or participation in a disturbance of the peace or unlawful assembly.
1.5 [NEW] Disruptive or Disrespectful Behavior. Committing or threatening to commit any act of violence or harm against self or other; acting recklessly or in a manner that causes a disruption to the orderly function or operation of the College; repeated profanity or vulgarity or the open defiance of the authority of or abuse of college personnel. Disturbing the peace and good order of the College by quarreling or participation in a disturbance of the peace or unlawful assembly.

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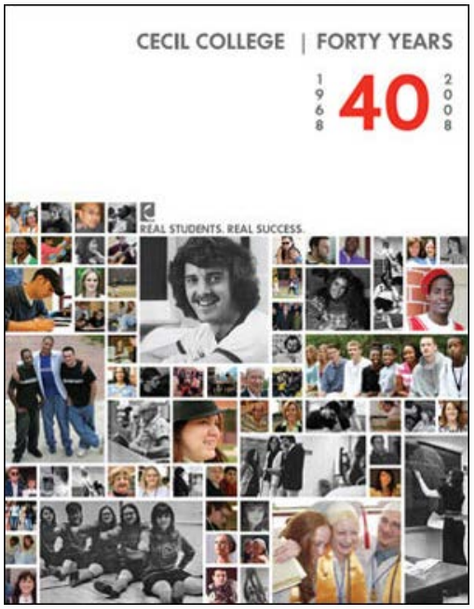
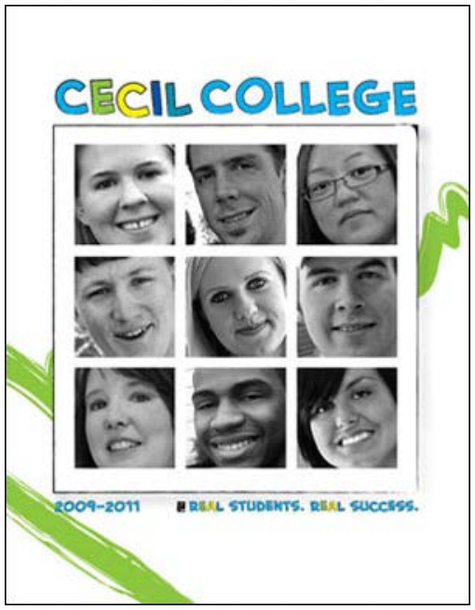
- Policies & Procedures
- Public Safety
- Board of Trustees
- Leadership
- Staff & Faculty (Full Time)
- Locations & Directions
- Telephone Numbers
- Addendum
- Disclaimer
- Non-Discrimination Statement
- Catalog Archive

Catalog Archive

2005-2007



2007-2009



2009-2011

2011-2013

Digital Catalog Archive

2013-2014

2014-2015