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2013-2014 College Catalog

"Learning is not attained by chance, it must be sought for with ardor and attended to with diligence."
– Abigail Adams

More than chance has caused you to browse our College catalog. Perhaps it is: 1) word of our regionally strong programs in a number of rewarding career fields, 2) our faculty's "top performer" ranking nationally for challenging and supporting students, 3) convenient locations in North East and at our Elkton Station, 4) alliances and agreements with so many baccalaureate level institutions in the region that make it clear sailing to transfer on your terms, 5) comparatively affordable tuition, or 6) all of the above.

Because we emphasize a rigorous, well-rounded education, Cecil students are well prepared for "the next level" and highly prized by employers and officials at other colleges. They know you will be able to calculate, communicate, think on your feet, work in teams, and have the skills to be a full participant in the 21st century.

This College is moving with ardor and diligence to a higher level of service for students individually and to the region in general. We are in a stronger and stronger position to be part of your program to reach your learning goals. We invite you to be a Cecil College Student.

Sincerely,

W. Stephen Pannill, Ed.D. 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 500, Atlanta, GA, 30326).

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The Cecil Story

Mission

Cecil College is a comprehensive, open-admission, learner-centered institution. The College provides career, transfer and continuing education coursework and programs that anticipate and meet the dynamic intellectual, cultural and economic development challenges of Cecil County and the surrounding region. Through support services and a technologically enriched learning environment, the College strives to empower each learner with skills, knowledge and values needed for college preparation, transfer to four-year institutions, workforce entry or advancement, and personal enrichment. Further, Cecil College promotes an appreciation of cultural diversity, social responsibility and academic excellence.

Vision

Cecil College will be the premier provider for learning throughout the region.

Core Values

Cecil College is an organization that values quality, learner-centeredness, diversity, inclusiveness, green initiatives, a family-friendly workplace, a global community, culture of evidence, and thrift.

Highlights of Cecil College's four Strategic Initiatives

from the Cecil College 2010-2015 Strategic Plan

First, Cecil College will shift to an emphasis on student completion. This includes maintaining academic excellence while focusing on student completion and making pathways to degrees clearer for students. The College will also look for alternatives to identified barriers to degree completion that uphold academic excellence and provide the appropriate outcomes; continue to work with K-12 partners to improve college readiness; and support the grant writing and administration infrastructure to pursue funds and other support to advance the strategies around completion. In addition, the College will make certain there is effective personalization so that every student knows someone who cares about them and their academic progress; engage students in the college experience beginning in the orientation program by emphasizing academic expectations, preparedness and techniques for success; and increase diversity among full-time faculty as a mechanism to strengthen the engagement and completion rates of students of color.

Second, Cecil College will continue to champion bachelor's and higher degree program availability in Cecil County. The College will maintain, enhance and aim to develop partnerships with four-year institutions, including Salisbury University, Wilmington University, Drexel University, University of Delaware, and the University of Maryland University College. The College will also work with other potential partners to deliver programs in Cecil County such as hospitality industry, information technology, healthcare, green or environmental education, international education, and civil engineering. In addition, the College will build stronger pipelines of students in majors that lead directly to degree programs hosted by four-year institutions in Cecil County.

Third, Cecil College will create workforce opportunities related to federal government expansion regionally and nationally, especially regarding Base Realignment and Closure. The College will fully implement the Science, Technology, Engineering and Math partnership with Cecil County Public Schools and design and build an engineering and math academic building on the North East campus. In addition, the College will make sure the administrative infrastructure is in place to take advantage of federal grant opportunities, as well as federal financial aid, and continue developing and modifying programming to support the workforce needs of Aberdeen Proving Ground and the contractor community. Cecil will also prepare for another round of BRAC in 2015 and strengthen the alignment between its Career and Job Placement Services, federal agencies and government subcontractors to create clear pathways to employment for students.

Fourth, Cecil College will become a regional leader in incorporating innovative technology for learning. The College will create 100 percent wireless campuses and facilities that support less formal distributed learning; make evidence of early adoption of technology part of the criteria in hiring, especially for faculty and academic administration; and review resource allocations for virtual computer labs to allow access on and off campus with consideration for the learning opportunities they represent. The College will also continue learning management systems, online course offerings and hybrid course delivery; secure financial resources to support innovative technology for learning; develop an overall plan for the addition of courses and programs in distance learning with attention to student support and adequate full-time faculty involvement; and broaden the use of innovative technology to increase the feasibility of hosting more baccalaureate programs in Cecil County.

Overview of College History

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Welcome to Cecil College's First 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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Cecil College Calendar 2013-2014

SUMMER 2013

May 19	Commencement
May 20	Classes begin for Accelerated Degree, 9-week and 10-week sessions
May 23	Holiday - College Offices close at 10 p.m.
May 24-27	Holiday - College Closed
May 28	College Offices Open at 8 a.m. Classes begin for first 5-week session
June 1	Classes begin for Weekend (Saturday) session
June 3	Classes begin for first 1-week session
June 10	Classes begin for second 1-week session
June 17	Classes begin for 7-week session
July 1	Last Day for August 2013 Graduation Applications
July 3	College Offices close at 5 p.m.
July 4	Holiday - College Closed
July 8	Classes begin for second 5-week session

FALL 2013

July 29	Classes begin for Accelerated Degree and first 9-week sessions
August 12	Classes begin for first 1-week and first 2-week sessions
August 19	Classes begin for second 1-week session
August 26	Fall Semester - First Day of Classes for first 6-week, first 7-week and 15-week sessions
August 30	Holiday, College Closes at 5 p.m., No Evening Classes
August 31	Holiday - No Classes for Fall Semester or any Session
September 1-2	Holiday - No Classes for Fall Semester or any Session
September 3	Classes Resume - College Opens at 8 a.m.
October 7	Classes begin for Accelerated Degree and second 9-week sessions
October 16	Classes begin for second 6-week and 7-week sessions
November 1	Last Day for December 2013 Graduation Applications
November 26	College Offices Close at 9 p.m.
November 27-30	Holiday - College Closed
December 1	Holiday - College Closed
December 2	Classes Resume - College Opens at 8 a.m.
December 7	Fall Semester - Last Day of Classes before Exams for 15-week session
December 9-14	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 2014

January 1	Winter Break - College Offices Closed
January 2	College Offices Open at 8 a.m.
January 6	Classes begin for Accelerated Degree, 1-week, 2-week and first 9-week sessions
January 13	Classes begin for second 1-week session
January 20	Holiday - College Closed
January 21	Spring Semester - First Day of Classes for first 6-week, 7-week and 15-week sessions
February 15	Last Day for May 2014 Graduation Applications
March 11	Classes begin for Accelerated Degree and second 9-week sessions
March 17-22	Spring Break - No Classes (except Accelerated sessions) College Offices Open – except Friday, March 21 when College offices are closed
March 24	Classes resume for Spring Semester Classes begin for second 6-week and 7-week sessions
April 20	Holiday - College Closed
May 5	Spring Semester - Last Day of Classes before Exams for 15-week session
May 6-12	Spring Semester - Exams for 15 week session
May 18	College Graduation
May 19	Classes begins for Accelerated Degree session
May 23	College Closes at 5 p.m.
May 24-26	Holiday - College Closed
May 27	College Opens at 8 a.m.

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Philosophy

Cord College is comprehensive, open admission, learner-centered institution. Cord College maintains an open admission policy and provides the opportunity for higher education to individuals who demonstrate academic potential and who have the desire to pursue academic, professional, and personal goals. Cord College educational opportunities to people regardless of age, religion, social or ethnic background or disabilities.

Student success at Cord College begins with Admissions and Enrollment. The Director of Enrollment Services, Cultural Center, the department assists prospective students with the formal procedures required to become students at Cord College. Admissions and Enrollment Services, Cultural Center, provides information, assistance and encouragement as possible. A primary role of Admissions is to fully inform students of the beginning of their educational pathway, so that when it arrives in the classroom ready to focus on academics.

Admissions information is available at MyCord and the College website. Contact Admissions Office with additional questions.

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Open Admissions Information

Credit Students

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

- have graduated from an accredited high school
- have earned a diploma or General Educational Development (GED) certificate
- have reached their 18th birthday and are not currently enrolled in a secondary school (an exception may be allowed in the catalog section on a student-to-student basis, on a case-by-case basis)
- have met the criteria to participate in early admission programs. (See Sections Admissions: Credit Students: Early Admission)
- 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. (See Sections Admissions: Credit Students: Non-graduates of high school)

Cord College strongly encourages non-high school graduates to complete their high school graduation requirements. Cord College offers GED preparation classes at Northern Kings Center and Lemoore Educational Center (NKC-BSC).

Open admission to Cord College does not guarantee enrollment in all courses and programs of the College. At the present time, some programs require additional admission requirements. Students should review the appropriate program requirements in the catalog.

Non-Credit Students

Non-credit students (community education) courses are open to individuals age 16 or older, unless otherwise stated in a course or program description. An application is not required for non-credit enrollment. Students participating in non-credit classes, workshops, and community education are not required to complete enrollment in a non-credit course. Contact the program area.

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Open Admissions Procedures

Credit Students

1. Complete the admissions application and visit the Admissions Office. Apply on-line at www.cordcollege.edu/apply. Complete the Free Application for Federal Student Aid online at the Schools of Choice. Students are assigned one school.
2. Take skills assessments: Computer math, reading, and writing assessments on the North East Campus Technology Building, Room 208. Waivers may apply. For additional information, refer to Skills Assessment, Placement and Waivers.
3. Meet with an Advisor: an appointment with 207-597-9000 for degree planning, academic support services, and course selection.
4. Submit test scores, transcripts, and other documentation to Cord College. Records and Registration, One Seminary St., Fort Kent, ME 04743.
   - All students: Submit official test scores (SAT, ACT, ACCUPLACER) and transcripts from any college attended.
   - Transfer students: Submit official transcripts from all colleges attended. Cord College accepts Students submit a copy of GED test results.
5. Registrar: Receive notice of acceptance via MyCord or via an email from Kate or Ellen Stetson.
6. Make payment arrangements: Log onto MyCord and click on the Finance tab for payment arrangements. Contact Finance Office at 207-597-9000 for assistance.

Non-Credit Students

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

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Skills Assessments, Placement, and Waivers

Skills Assessment Placement

As part of the admissions process, all students entering Cord College are evaluated for placement purposes. Cord College uses the Accuplacer Test to determine student placement in English and math courses. Students are required to take the Accuplacer Test prior to their first semester at Cord College. Students who have not taken the Accuplacer Test will be required to take the Accuplacer Test during their first semester at the assessments Office Center. Students reserve the results, meet with their advisor, and register for the appropriate course.

Skills assessments do not determine eligibility for admission to Cord College. No student is denied admission to Cord College because of the results of the skills assessment. Students who do not meet the prerequisite skills criteria for a course will be advised to enroll in developmental courses or other courses that will prepare them for success in the course they want to take. Students who do not meet the prerequisite skills will be strongly encouraged to retake the Accuplacer Test after completing a course or strong through to meet the figures of college-level coursework.

Any student that is not prepared may be referred to Cord Adult Education or GED General Educational Development diploma must take all the skills assessments.

Skills assessments are administered in the Testing Center, North East Campus Technology Building, Room 208. Hours for the Testing Center are available at MyCord or on the College website.

Student performance is monitored by instructors in the first sessions of developmental classes, and faculty may recommend students be placed in a higher level course if they demonstrate the ability to succeed in the course in their educational pathway to facilitate the timely completion of a degree or certificate.

Some courses are offered in two skills assessment levels. Students should be advised of these courses without taking the skills assessments. Students in these classes are expected to read and write at the college level.

Skills Assessment Waivers

Under certain circumstances, students may qualify for a skills assessment exemption. Official documentation must be provided to skills assessment waivers to be applied to course placement. Waivers are:

- a student has earned an associate's, bachelor's, master's, or doctoral degree from an accredited institution
- a student provides documentation of acceptable scores on the SAT and/or ACT assessments (See Table below for acceptable scores)
- a student has successfully completed an academic transcript from an accredited institution of higher education.

SAT/ACT Required Scores for Skills Assessment Waivers

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

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Selective Admissions Credit Programs

Accelerated Studies for the Adult Professional (ASAP)
Cord College offers the ASAP program in Fort Kent and at three of its satellite sites/ Maine campuses. For accelerated studies, college credit is defined as placing into English 101/ENG101 and intermediate algebra/MATH 103/MATH103 or higher. Students who do not meet the criteria for ASAP programs can be directed from the Admissions Office or designated academic advisor.

Secondary School Age Students

- On-Site Program – Jointly sponsored by Cord County Public Schools (CCPS) and Cord College, the on-site program allows secondary school students to earn up to 12 credits per semester. Courses are scheduled during school day hours and taught by Cord College faculty. Cord College offers College Bound Academy (CBA) at Fort Kent Community High School (FKCHS). Students from other CCPS schools may participate in the program. All students must meet Cord College admissions standards. Students must be at least 16 years of age and in their junior or senior year of high school. Cord is established and designated as gifted and talented, as well as a college-level program. Students must be gifted and Talented program. Cord's courses taken are not available at the high schools. Students and parents are responsible for transportation to and from the Cord College campus. Students are responsible for textbooks and other instructional materials. Students are responsible for tuition and fees. Concurrent Enrollment – qualified students (age 16 or older) may enroll in Cord College courses. Students must be at least 16 years of age and in their junior or senior year of high school. All courses. All students must meet Cord College admissions standards.
- Dual Enrollment Program – Cord County Public School (CCPS) students may be able to satisfy requirements for a high school diploma and an associate degree at the same time. Students may be able to earn up to 60 credits. Students must be at least 16 years of age and in their junior or senior year of high school. Students must meet Cord College admissions standards. Students in Cord College courses with other students who may be eligible, contact Admissions at 855-287-9000.
- Senior Home Program – Cord County Public Schools (CCPS) students may be able to earn up to 12 credits per semester. Cord College offers Cord College Bound Academy (CBA) at Fort Kent Community High School (FKCHS). Students from other CCPS schools may participate in the program. Students must be at least 16 years of age and in their senior year of high school. Students must meet Cord College admissions standards. Students in Cord College courses with other students who may be eligible, contact Admissions at 855-287-9000.
- Cord Bound Academy – Cord County Public Schools (CCPS) students may be able to earn up to 12 credits per semester. Cord College offers Cord College Bound Academy (CBA) at Fort Kent Community High School (FKCHS). Students from other CCPS schools may participate in the program. Students must be at least 16 years of age and in their junior or senior year of high school. Students must meet Cord College admissions standards. Students in Cord College courses with other students who may be eligible, contact Admissions at 855-287-9000.
- Early Enrollment – Students who are at least 16 years of age and in their junior or senior year of high school. Students must meet Cord College admissions standards. Students in Cord College courses with other students who may be eligible, contact Admissions at 855-287-9000.

Dual Enrollment Program – Cord County Public School (CCPS) students may be able to satisfy requirements for a high school diploma and an associate degree at the same time. Students may be able to earn up to 60 credits. Students must be at least 16 years of age and in their junior or senior year of high school. Students must meet Cord College admissions standards. Students in Cord College courses with other students who may be eligible, contact Admissions at 855-287-9000.

Senior Home Program – Cord County Public Schools (CCPS) students may be able to earn up to 12 credits per semester. Cord College offers Cord College Bound Academy (CBA) at Fort Kent Community High School (FKCHS). Students from other CCPS schools may participate in the program. Students must be at least 16 years of age and in their senior year of high school. Students must meet Cord College admissions standards. Students in Cord College courses with other students who may be eligible, contact Admissions at 855-287-9000.

Early Enrollment – Students who are at least 16 years of age and in their junior or senior year of high school. Students must meet Cord College admissions standards. Students in Cord College courses with other students who may be eligible, contact Admissions at 855-287-9000.

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Health Professions Programs

Admission to the health professions programs (Association of Science in Nursing (ASN), Practical Nurse Certificate (CPN) and Paramedic) require an admission procedure separate and in addition to the general admission to Cord College. Students who are interested in pursuing a career in nursing or other health professions should contact the department to obtain the section.

Paramedic Certificate and Degree Program
The EMT – Paramedic program at Cord College is offered in conjunction with the Cord County Department of Emergency Medical Services. Students who are interested in pursuing a career in emergency medical services should contact the Director of Emergency Medical Services for program information. Cord College offers a Paramedic Certificate and Associate of Science in Paramedic degree. Students who are interested in pursuing a career in emergency medical services should contact the Director of Emergency Medical Services for program information. To participate in the program, the student is required to submit/complete the following:

- A successful completion of EMT-Paramedic entry exam. This exam will be offered the first Saturday in March.
- Completion of Cord College assessments in mathematics, writing and reading.
- Verification of Paramedic/EMT – Basic certification, current and active.
- verification of affiliation with a volunteer Paramedic/Advanced Life Support Company.

A condition and duration of many health care agencies and clinical sites for Cord College's paramedic program requires all paramedic students to submit to criminal background checks. Cord College's paramedic program requires all students to submit to criminal background checks. Cord College's paramedic program requires all students to submit to criminal background checks. Cord College's paramedic program requires all

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Tuition and Fees

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Tuition

Resident of Cecil County	995/credit hour
Other Maryland Residents	9185/credit hour
Out-of-State Residents	$230/credit hour
Credit by Examination	Based on residency

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Fees

Registration Fee*	$75/semester
Student Development Fee**	58/credit hour
Course Fees	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.cecil.edu/fees. 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 supplies, 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 equal monthly payments. A $25 fee will be charged for each payment. Payments will be deducted from your account (checking or savings). The processing fee for this plan is $35 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 complete a drop form 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 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 where withdrawal 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 who provided the greater 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. Independent alens 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 and fees for residents. To participate, high school juniors must have a minimum grade point average of 3.0. A grade point average of 3.5 is required for seniors. Students must complete the College Bound Scholarship Form and meet 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 Schools STEM Academy and Digital Arts Program Career and Technical Education 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 course 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. Seniors will be charged for textbooks and other materials. 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 plan);
3. The Student MUST file a FAFSA each year by the specified deadline for all credit courses and specified non-credit courses. Due Notice of Disability Status.

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 Form 22 (Report of Separation and Retirement Points) or a letter from the Adjutant General that s/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 Board of Higher Education. Students who are residents of Cecil County may be considered for tuition and fee waivers by 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 program 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 College 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
Through the Maryland Higher Education Commission, Cecil College offers foster care recipients tuition waivers for those who reside 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 Maryland Higher Education Commission. Contact the Financial Aid Office or visit www.fafsa.ed.gov. Applicants must apply between January1 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 employment status must be verified prior to the first day of classes. Letter must be 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 continue employment with the company for a minimum of educational assistance. Letters that contain requirements, such as a grade stipulation clause, will not be accepted. If the company is paying a portion of the student's tuition, the company is responsible for the balance to pay their balance upon registration. Any student who is using their employee 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 tuition 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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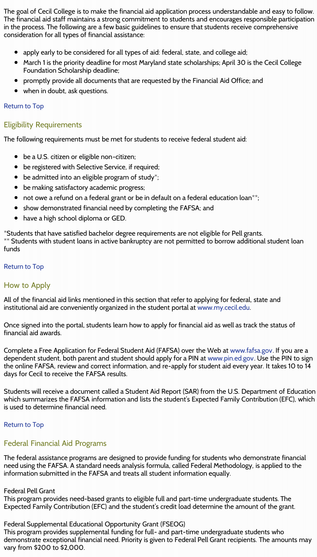
Financial Aid



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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 10 to 14 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 Education (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 the 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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Degree, Certificate and General Education Information

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Cecil College offers programs of study that lead to associate degrees and program certificates. Students may enter a program designed to 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 natural sciences). The A.A. degree is designed for students who have completed appropriate baccalaureate programs and provides for career exploration and skills upgrading.
- The associate of science (A.S.) degree recognizes a curriculum focus in science, mathematics, or technology. The A.S. degree is designed for students who have completed appropriate baccalaureate programs and 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 for students who are employed in career mobility and is identified with a specially designated, 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 designed for transfer to 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 for 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

Certificate programs are short-term programs for those who wish to gain a credential in acquired knowledge, skills and competencies in a specific occupational or discipline area. Most certificate programs are designed to assist students with goals for upgrading skills for immediate application in employment. Many certificate programs are designed to prepare students for employment in a specific occupation. Most of the credit hours in certificate programs are transferable to degree programs. Students who complete a certificate program must earn a cumulative 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.

- The general education program provides all students with reading, speaking, listening, critical thinking and computing skills and knowledge to function as educated citizens in a complex world.
- The college or university transfer program prepares students for transfer to other colleges in specific disciplines and general education that parallel the first two years of a four-year institution.
- The career education program prepares students for immediate employment in technical and business fields and allows students to continue studies at four-year institutions.
- The non-credit division of the College provides non-credit courses and skills which allow individuals to upgrade skills, explore new occupational opportunities, meet personal interests, enrich their backgrounds, and develop specialized interests. It also provides contract training for business and industry.
- 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. Meeting the General Education core requirements and 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 natural environments;
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, the A.A., A.S., A.A.S., and A.A.T. degrees require a minimum of 60 credit hours 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 knowledge, skills, and attitudes that all educated people should possess. Cecil College's General Education is intended to ensure that students have mastered and demonstrated a familiarity with core knowledge basic to all college-level work.

General Education and Institutional Requirements for Associate of Applied Science (A.A.S.) and Associate of Fine Arts (A.F.A.) 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 (EGL102) or Technical Writing (EGL211)

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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 Maryland Council 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 analyze the relationship between hypothesis and data, to understand the nature of data, and to understand the practice of science. Students should be able to collect, analyze, interpret, evaluate, and predict 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, 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, inter-cognition, and production habits of the mind.

4. Technological Competency
Cecil College defines college-level technological competency as the students' ability to engage in technology-information use and create structured digital documents; perform technology-enhanced presentations; use technology tools for research and evaluation; use databases to manage information; use spreadsheets to organize, analyze, and graphically represent data; use digital media to create 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; to locate information; to evaluate it for its quality, relevance, and sufficiency; to determine its 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 are relevant to the use of computer literacy in the future and is effectively use computer technology, 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 1816 c.	3-cr.
EGL 204	British Lit. 1816 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 100	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 Fundamentals	3-cr.
MUC 122	Music Appreciation	3-cr.
MUC 135	History of Rock	3-cr.
MUC 136	Survey of Vinyl Music	3-cr.
MUC 143	Music Fundamentals	3-cr.
PHI 101	Introduction to Philosophy	3-cr.
PHI 201	Ethics – Contemporary Moral Problems	3-cr.
PHI 203	Clear Thinking (Inductive Logic)	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	Russiana I	3-cr.
SPH 125	Interpersonal Communications	3-cr.
SPH 141	Public Speaking	3-cr.
SPH 101	Beginning Spanish I	3-cr.
SPH 102	Beginning Spanish II	3-cr.
THE 161	Introduction to Theatre	3-cr.
THE 164	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 104	Introduction to Environmental Science	3-cr.
GIS 101	Geographic Information Systems	3-cr.
HEA 100	Healthful Living	3-cr.
HEA 113	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 137	Introduction to Statistics	4-cr.
MAT 138	Introduction to Statistics II	4-cr.
MAT 201	Calculus I w/ Analytical Geometry	4-cr.
MAT 202	Calculus I w/ Analytic Geometry	4-cr.
MAT 203	Multivariable Calculus	4-cr.
MUC 136	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 102	Introductory Chemistry w/ Lab	4-cr.
CHM 103	General Chemistry I	3-cr.
CHM 104	General Chemistry II	3-cr.
CHM 109	Chemistry and Art	4-cr.
ENV 106	Introduction to Environmental Science*	3-cr.
PHY 103	Physics Today	4-cr.
PHY 110	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 207	General Physics I w/ Lab	4-cr.
PHY 208	General Physics II w/ Lab	4-cr.
PHY 209	General Physics II w/Lab	3-cr.
PSC 105	General Physical Science w/ Lab	4-cr.
PSC 120	Physical Geology	4-cr.
PSC 135	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 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 101	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 220	American Government	3-cr.
PSY 101	Introduction to Psychology	3-cr.
PSY 201	Human Growth and Development	3-cr.
SOA 101	Introduction to Social Work	3-cr.
SOC 101	Introduction to Sociology	3-cr.
SOC 103	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.

Degrees

Business, Accounting
Business, Accounting, Computerized
Business, Administration
Business, Human Resources
Business, Leadership and Management
Business, Management
Business, Marketing
Business, Office Management
Business, Public Relations
Biology
Ceramics
Chemistry
Communications
Computer, Cyber Security
Computer Aided Drafting and Design
Computer Applications
Computer Programming
Computer Science
Criminal Justice, Corrections
Criminal Justice, Law Enforcement
Drawing/Painting
Education, Early Childhood (AAT)
Education, Early Childhood (AAS)
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
Government Logistics
Graphic Design
Graphic Design and Multimedia
Healthcare Sciences
Horticulture Science
Logistics, Materials Management
Logistics, Supply Chain Management
Logistics, Transportation Management
Mathematics
Meteorology
Music
Music/Voice
Nursing
Ocean Studies
Paralegal
Paramedic, Emergency Medical Technology
Photography, Professional
Physics
Pre-Med/Dental
Psychology
Simulation Design and Gaming
Social Work
Theatre Design and Production
Theatre Performance/Acting
Video Production
Web Design and Multimedia
Web Development

Certificates

Business, Accounting
Business, Accounting, Computerized
Business, Management
Business, Marketing
Business, Office Management
Biotechnology
Ceramics
Computer, Oracle, Certified Associate
Computer, Oracle, Certified Professional
Computer Applications
Computer Programming
Digital Imaging
Drawing/Painting
Engineering, Technology Software
Equine Studies
Equine Studies, Management
Government Contracting
Government Logistics
Graphic Design
Horticulture Science
Logistics, Commercial Transportation
Logistics, Materials Management
Logistics, Transportation Management
Nursing, Practical
Personal Trainer/Fitness Manager
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Photography, Portfolio Production
Photography, Professional
Photography, Studio
Photography, Lab
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Video Production
Video Technology
Web Design and Multimedia
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Business and Commerce Technology – Accounting Option

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

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	4
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	**(18 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 and Commerce Technology – Computerized Accounting Option

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

Program Description

This program option prepares students for entry-level accounting positions involving the recording of transactions and data using electronic accounting software. Students are trained on the current accounting software programs. In addition to the specialized software, students are taught basic theory for the single proprietorship, partnerships, and corporations.

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
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
ACC 103	Accounting with QuickBooks	3
ACC 105	Accounting with Peachtree Software	3
BUS 187	Business Ethics	3
ACC 204	Payroll Accounting	4
BUS 210	Business Law	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 or Sociology Elective
ACT	Activity Elective
Spring I	**(19 credits)**
MAT	Math Elective (Select from MAT121, 127, 128 or 201)
ACC 102	Accounting II
EGL 102	Composition and Literature
BUS 111	Business Communications
BUS 187	Business Ethics
ACC 103	Accounting with QuickBooks
Fall II	**(17 credits)**
ECO 222	Economics – Macro
SCI	Lab Science Elective
ACC 105	Accounting with Peachtree Software
ACC 205	Business Spreadsheet Applications
BUS 131	Principles of Management
ACT	Activity Elective
Spring II	**(15 credits)**
ACC 204	Payroll Accounting
BUS 210	Business Law
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. 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	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 – Human Resources

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

Program Description

This program is designed to prepare individuals aspiring to become human resource professionals to deal with the complexities and challenges of managing today's workforce. As such, this program provides students with a solid foundation in the liberal arts from which the fundamentals of Human Resource Management can be laid.

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
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
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
PSY 222	Organizational Psychology	3
SCI	Science Elective with Lab [SL]	4
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 191	Introduction to Finance	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 225	Customer Relations	3
BUS 231	Management of Human Resources	3
BUS 238	Human Resources Experiential Learning	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)
ACC 101	Accounting I
BUS 103	Introduction to Business
CIS 101	Introduction to Computer Concepts
EGL 101	Freshman Composition
SPH 121	Interpersonal Communications
Spring I	**(19 credits)**
BUS 111	Business Communications
BUS 187	Business Ethics
ECO 222	Economics - Macro
EGL 211	Technical Writing
HST 201 or HST 202	History of the United States (to reconstruction) History of the United States II (reconstruction to the present)
MAT 127	Introduction to Statistics
Fall II	**(19 credits)**
BUS 131	Principles of Management
BUS 207	Introduction to Public Relations
BUS 216	Organizational Leadership
BUS 225	Customer Relations
PSY 222	Organizational Psychology
SCI	Science Elective with Lab
Spring II	**(15 credits)**
BUS 191	Introduction to Finance
BUS 210	Business Law
BUS 212	Principles of Marketing
BUS 231	Management of Human Resources
BUS 238	Human Resources Experiential Learning

Career Opportunities

Various organizational departments, such as human resources, labor relations, benefits and training.

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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. 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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Business and Commerce Technology – Management Option

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

Program Description

This program option 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. Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
BUS	Business Elective[1]	3
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
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 [E]	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 [SL]	4
SPH 121	Interpersonal Communications [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	(18 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
SPH 121	Interpersonal Communications
Spring I	**(17-18 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
ACT	Activity Elective(s)
Fall II	**(17 credits)**
ECO 222	Economics - Macro
SCI	Lab Science Elective
BUS 131	Principles of Management
BUS 212	Principles of Marketing
BUS	Business Elective
ACT	Activity Elective
Spring II	**(15 credits)**
BUS 210	Business Law
BUS 216	Organizational Leadership
BUS 231	Management of Human Resources
BUS 221	Economics - Micro
BUS 289	Business Practicum

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. 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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Business and Commerce Technology – Office Management Option

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

Program Description

This program option is designed to prepare students for entry-level and higher level job opportunities including management, supervision and administrative levels. The program prepares students with no previous experience, as well as workers who desire additional training.

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
ACC 101	Accounting I	3
BUS 103	Introduction to Business	3
BUS 111	Business Communications	3
BUS 131	Principles of Management	3
BUS 175	Administrative Office Procedures	3
BUS 187	Business Ethics	3
BUS 210	Business Law	3
BUS 219	Integrated Document Applications	3
BUS 231	Management of Human Resources	3
BUS 289	Business Practicum	3
CIS 101	Introduction to Computer Concepts [I]	3
CIS 111	Microsoft Applications	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 [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(s)
Spring I	**(17 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
CIS 111	Microsoft Applications
ACT	Activity Elective
Fall II	**(16 credits)**
ECO 222	Economics - Macro
SCI	Lab Science Elective
BUS 131	Principles of Management
BUS 175	Administrative Office Procedures
BUS 219	Integrated Document Applications
Spring II	**(15 credits)**
SPH 121	Interpersonal Communications
BUS 210	Business Law
BUS 231	Management of Human Resources
ECO 221	Economics - Micro
BUS 289	Business Practicum

Career Opportunities

Business office manager, executive assistant, administrative assistant.

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Business and Commerce Technology – Public Relations Option

Award: Associate of Applied Science
Degree Code: BPRZ
Number of Credits: 64

Program Description

Students completing this program option will be prepared to enter entry-level positions in public relations in various fields of business. Public Relations requires a strong sense of ethics, the skill to handle media relations, and the ability to practice a craft that calls for the mix of human behavior skills and communication techniques.

Transfer Information

Cecil College has articulation agreements with Maryland and regional four-year colleges and universities. Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ACT	Activity Electives	2
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 244	Organizational Behavior	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 [SL]	4
SPH 121	Interpersonal Communications [H]	3
VCP 144	Web Design I - Design Fundamentals	3

Program Electives - Select 3 Credits

Number	Title	Credits
EGL 214	Introduction to Journalism	3
EGL 211	Technical Writing	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	(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(s)
Spring I	**(19 credits)**
MAT	Math Elective (Select from MAT 121, 127, 128 or 201)
EGL 102	Composition and Literature
BUS 207	Introduction to Public Relations
BUS 187	Business Ethics
VCP 144	Web Design I - Design Fundamentals
Fall II	**(16 credits)**
ECO 222	Economics - Macro
SCI	Lab Science Elective
BUS 131	Principles of Management
BUS 111	Business Communications
EGL 211 or EGL 214	Technical Writing Introduction to Journalism
Spring II	**(15 credits)**
SPH 121	Interpersonal Communications
BUS 210	Business Law
BUS 244	Organizational Behavior
ECO 221	Economics - Micro
BUS 289	Business Practicum

Career Opportunities

Media relations, advertising, government lobbying, copy writer, reporting, editor/ writer, government relations, direct marketing.

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Arts and Sciences Transfer – Biology Option

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. 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	Organic Chemistry I with Lab Introductory College Physics I with Lab [SL]	4-5
PHY 207	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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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. 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]	3

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 [H]	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 – 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. 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	General Biology I [S]	3
BIO 111 or	General Biology Lab II	1
BIO 130 and	Principles of Biology I [S]	
BIO 131	Principles of Biology I Lab	
CHM 103 and	General Chemistry I [S]	3
CHM 113	General Chemistry I Lab	1
CHM 104 and	General Chemistry II [S/SL]	3
CHM 114	General Chemistry II Lab	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 [E]	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 Electiies[1] [SS]	6
SPH 121 or	Interpersonal Communications [H]	3
SPH 141	Public Speaking [H]	

[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	General Chemistry I
CHM 113	General Chemistry I Lab
BIO 101 and	General Biology
BIO 111 or	General Biology Lab
BIO 130 and	Principles of Biology I
BIO 131	Principles of Biology I Lab
EGL 101	Freshman Composition
MAT 201	Calculus I with Analytic Geometry
Spring I	**(17 credits)**
CHM 104 and	General Chemistry II
CHM 114	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	Interpersonal Communications
SPH 141	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. 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
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [E]	3
GEN ED	General Education Elective	3
MAT	Math Elective [M]	3-4
PSY or SOC	Psychology Elective 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 119	Computer Animation	3
CSC 160	Introduction to Data Communications	3
CSC 219	Computer Animation II	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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Arts and Science Transfer – Cyber Security Option

Award: Associate of Science
Degree Code: ASCY
Number of Credits: 65-67

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. Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ARTS/HUM	Arts and Humanities Elective[1] [H]	3
CSC 104	Computer Science Fundamentals [I]	3
CSC 110	Ethics in Information Technology [I]	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [H]	3
MAT 121	Precalculus [M]	4
PHE and PHY or PSC	Engineering Elective (any PHE course) Physics with Lab Elective [SL] Physical Science with Lab Elective	7-9
SOC SCI	Social Science Elective[2] [SS]	6

Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
CSC 109	Introduction to Programming	3
CSC 140	Introduction to Networking[3]	3
CSC 141	Computer Network Security Fundamentals[3]	3
CSC 156	Introduction to Windows Server 2008[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
SPH 121 or SPH 141	Interpersonal Communications [H] Public Speaking	3
ELECT	Computer Science Elective (any CSC course)[4]	3

[1] Selection may not include EGL designation.
[2] Courses must be from two different disciplines.
[3] Certification option courses.
[4] Course must be approved by the department.

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	(15-18 credits)
EGL 101	Freshman Composition
CSC 104	Computer Science Fundamentals
CSC 109	Introduction to Programming
PHE	Engineering Elective (any PHE course)
SOC SCI	Social Science Elective
Spring I	**(15-18 credits)**
EGL 102	Composition and Literature
CSC 110	Ethics in Information Technology
CSC 140	Introduction to Networking
MAT 121	Precalculus
PHY	Physics with Lab Elective
ACT	Activity Electives
Fall II	**(15-18 credits)**
SPH 121 or SPH 141	Interpersonal Communications Public Speaking
CSC 151	Introduction to Computer Forensics and Investigations
CSC 156	Introduction to Windows Server 2008
CSC 141	Computer Network Security Fundamentals
PSC	Physical Science with Lab Elective
SOC SCI	Social Science Elective
Spring II	**(15-18 credits)**
ARTS/HUM	Arts and Humanities Elective
ELECT	Computer Science Elective (any CSC course)
CSC 225	Tactical Perimeter Defense
CSC 235	Strategic Infrastructure Security
CSC 258	Cisco Certified Network Associate

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Computer Science – 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. 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 Science – Applications Option

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

Program Description

This program option is designed to provide students with a knowledge and familiarization of application software packages and operating systems. In addition to the applications, students are trained in computers, peripheral devices and special application software. The program also trains students in the construction, modification, implementation, evaluation, and the maintenance of software and computers to meet business needs.

Transfer Information

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

Required Courses

General Education Requirements

Number	Title	Credits
CSC 110	Ethics in Information Technology [I]	3
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [E]	3
MAT	Math Elective [M]	3-4
SOC SCI	Social Science Elective [SS]	3
SCI	Lab Science Elective [S/SL]	3-4
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 104	Computer Science Fundamentals [I]	3
CSC 140	Introduction to Networking	3
CSC 203 or CSC 204	Seminar in Information Systems	1
CSC 273	CBWEP - College Based Work Experience Program[1]	3
CSC or CIS or PHE	Computer Science Electives (any CSC course) Computer Information System Electives (any CIS course) Engineering Electives (any PHE course)	27
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
EGL 101	Freshman Composition
MAT	Math Elective
CSC or CIS or PHE	Computer Science Electives (any CSC course) Computer Information Systems Electives (any CIS course) Engineering Electives (any PHE course)
SOC SCI	Social Science Elective
Spring I	**(17 credits)**
ACT	Activity Elective
CSC or CIS or PHE	Computer Science Electives Computer Information Systems Electives Engineering Electives
CSC 110	Ethics in Information Technology
CSC 140	Introduction to Networking
EGL 102	Composition and Literature
SCI	Lab Science Elective
Fall II	**(19 credits)**
ACT	Activity Elective
CSC or CIS or PHE	Computer Science Electives Computer Information Systems Electives Engineering Electives
VCP 144	Web Design I - Design Fundamentals
Spring II	**(13 credits)**
CSC or CIS or PHE	Computer Science Electives Computer Information Systems Electives Engineering Electives
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, software engineering, systems analysis, applications development.

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Computer Science – 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. 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 Option

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. 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	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
CHM or	Chemistry with Lab Elective [S/SL]	3-1
PHY	Physics with Lab Elective [SL]	4
PSC	Physical Science with Lab Elective [SL]	4
PHY 207	General Physics I with Lab [SL]	5
EGL 101	Freshman Composition [E]	3
EGL 102	Composition and Literature [E]	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	3
MAT 240	Introduction to Linear Algebra [M]	4
PHY 208	General Physics II with Lab [SL]	5
SPH 121 or	Interpersonal Communications [H]	3
SPH 141	Public Speaking [H]	

[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	General Biology
BIO 111 or	General Biology Lab
BIO 130 and	Principles of Biology I
BIO 131	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	Chemistry with Lab Elective
PHY or	Physics with Lab Elective
PSC	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	Interpersonal Communications
SPH 141	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 – Corrections

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. 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 Problems [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
LAE 106	Introduction to the Criminal Justice System	3
LAE 130	Introduction to Corrections	3
LAE 125	Issues in Corrections	3
LAE 205	Criminal Law	3
LAE 206	Correctional Counseling	3
LAE 211	Probation, Parole and Community Corrections in the United States	3
LAE 214	Delinquency and Juvenile Justice	3
LAE 221	Criminology	3
LAE 235	Corrections Administration	3
LAE 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
LAE 106	Introduction to the Criminal Justice System
LAE 130	Introduction to Corrections
PED 135	First Aid and CPR
PSY 101	Introduction to Psychology
Spring I	**(18 credits)**
EGL 211	Technical Writing
LAE 125	Issues in Corrections
LAE 205	Criminal Law
LAE 221	Criminology
SOC 101	Introduction to Sociology
SPH 141	Public Speaking
Fall II	**(16 credits)**
LAE 206	Correctional Counseling
LAE 214	Delinquency and Juvenile Justice
LAE 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)
LAE 211	Probation, Parole and Community Corrections in United States
PHI 201	Ethics Contemporary Moral Problems
LAE 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. 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 Problems [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
LAE 102	Police Community Relations	3
LAE 105	Police Organization and Administration	3
LAE 106	Introduction to the Criminal Justice System	3
LAE 108	Police Supervision and Personnel Management	3
LAE 133	Forensic Science I	3
LAE 233	Forensic Science II	3
LAE 201	Criminal Investigation	3
LAE 205	Criminal Law	3
LAE 214	Delinquency and Juvenile Justice	3
LAE 221	Criminology	3
LAE 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
LAE 106	Introduction to the Criminal Justice System
LAE 221	Criminology
PSY 101	Introduction to Psychology
BIO	Biology Elective
Spring I	**(18 credits)**
EGL 211	Technical Writing
LAE 105	Police Organization and Administration
LAE 205	Criminal Law
LAE 201	Criminal Investigation
SOC 101	Introduction to Sociology
SPH 141	Public Speaking
Fall II	**(19 credits)**
LAE 108	Police Supervision and Personnel Management
LAE 133	Forensic Science I
LAE 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)**
LAE 102	Police Community Relations
LAE 233	Forensic Science II
LAE 299	Criminal Justice Externship
PHI 201	Ethics Contemporary Moral Problems
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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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. 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	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	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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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 I Exam[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. 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 [M]	4
MAT 134	Mathematical Concepts and Structures II [M]	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 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	(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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Early Childhood Education

Award: Associate of Applied Science
Degree Code: ECEZ
Number of Credits: 66

Program Description

This degree is designed for students interested in a career in the childcare profession. Early Childhood Education emphasizes the study of child development, early childhood curriculum/ strategies and classroom management. In addition, the program requires field-based experiences in early childhood learning environments. Students must meet any additional state requirements regarding age and experience for employment in the childcare field. Students interested in teaching pre K-3rd grade should enroll in the Early Childhood Education AAT 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
ART 195	Integrated Arts	3
BIO 101 and BIO 111	General Biology [S] General Biology Lab	3 1
CSI 101	Introduction to Computer Concepts [I]	3
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	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
GEO 101	Physical Geography [SS]	3
HEA 130	Healthful Living [I]	3
MAT 127	Introduction to Statistics [M]	4
MAT 133	Mathematical Concepts and Structures I [M]	4
MAT 134	Mathematical Concepts and Structures II [M]	4
PSY 101	Introduction to Psychology [SS]	3
PSY 203	Child Growth and Development	3
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.

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
CIS 101	Introduction to Computer Concepts
Spring I	**(17 credits)**
EGL 102	Composition and Literature
MAT 134	Mathematical Concepts and Structures II
EDU 132	Early Childhood Curriculum and Methods
EDU 203	Early Childhood Curriculum and Methods - Field Experience
SPH 141	Public Speaking
HEA 130	Healthful Living
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
GEO 101	Physical Geography

Career Opportunities

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

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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. 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 [M]	4
MAT 134	Mathematical Concepts and Structures II [M]	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 I Exam[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. 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) 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 [M]	4
MAT 134	Mathematical Concepts and Structures II [M]	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 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	(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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Teacher Education Transfer – Outdoor Adventure Education Option

Award: Associate of Arts
Degree Code: EOAZ
Number of Credits: 65-66

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. Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ACT	Activity Electives	2
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
MAT	Math Elective [M]	3-4
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	(15-16 credits)
EGL 101	Freshman Composition
MAT	Math Elective
PSY 101	Introduction to Psychology
EDU 101	Introduction to Education
EDU 102	Introduction to Education - Field Experience
ACT	Activity Electives
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	**(17 credits)**
MAT 127	Introduction to Statistics
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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Teacher Education Transfer – Secondary Education Option

Award: Associate of Arts
Degree Code: ESAD
Number of Credits: 62-66

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. 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
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 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[3]	9-12
HST 201 or HST 202	History of the United States (to reconstruction) History of the United States II (reconstruction to present) [H]	3
MAT	Math Elective [M]	3-4
MAT 127	Introduction to Statistics [M]	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[4] [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] 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] Student should select three electives that relate to their intended area of concentration as a secondary level teacher.
[4] 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	(16 credits)
ACT	Activity Electives
EDU 101	Introduction to Education
EDU 102	Introduction to Education - Field Experience
EGL 101	Freshman Composition
ELECT	Discipline Elective
MAT 127	Introduction to Statistics
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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Teacher Education Transfer – Secondary Education Option – Art Concentration

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

Program Description

This program option 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. 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
ART 141	Survey of Art History [H]	3
SCI	Science Elective [S/SL]	3-4
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 [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[2]	3
EDU 253	Introduction to Exceptional Children and Youth - Field Experience[2]	1
PSY 207	Educational Psychology	3
ART 101	Fundamentals of Design [H]	3
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

Program Electives - Choose 9-10 Credits

Number	Title	Credits
ART 152	Sculpture [H]	3
ART 160	Beginning Ceramics [H]	3
ART 180	Basic Photography [H]	3
ART 183	Digital Illustration I	4
ART 232	Figure Drawing	3
ART 230	Drawing II [H]	3
ART 240	Painting II [H]	3
ART 201	Three-Dimensional Design [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.

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 141	Survey of Art History
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	**(16-19 credits)**
ART	Program Elective
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	**(17-18 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 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 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	General Chemistry I [S]	3
CHM 113	General Chemistry I Lab	1
CHM 104 and	General Chemistry II [S]	3
CHM 114	General Chemistry II Lab	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 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 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	General Chemistry I
CHM 113	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	General Chemistry II
CHM 114	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. 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 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. 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 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 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: ESMC
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 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.

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
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 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] 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 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. Contact your advisor for detailed information.

Required Courses

General Education and Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
CHM 103 and	General Chemistry I [S]	3
CHM 113	General Chemistry I Lab	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 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 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. 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	General Chemistry I [S]	3
CHM 113	General Chemistry I Lab	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 Elective[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. 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	General Chemistry I [S]	3
CHM 113	General Chemistry I Lab	1
CHM 104 and	General Chemistry II [S]	3
CHM 114	General Chemistry II Lab	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 Elective[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	General Chemistry I
CHM 113	General Chemistry I Lab
EGL 101	Freshman Composition
SOC SCI	Social Science Elective
Spring I	**(15 credits)**
CHM 104 and	General Chemistry II
CHM 114	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. 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	General Chemistry I [S]	3
CHM 113	General Chemistry I Lab	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 Elective[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	General Chemistry I
CHM 113	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. 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	General Chemistry I [S]	3
CHM 113	General Chemistry I Lab	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
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	General Chemistry I
CHM 113	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. 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. 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 Elective[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. 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
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, 201 or 201)	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, 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, 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: 67-69

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. 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. 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	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]	3

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 and 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: 64-65

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. 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 artweb.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. 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	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. 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	General Chemistry I [S]	3
CHM 113	General Chemistry I with Lab	1
CHM 104 and	General Chemistry II [S]	3
CHM 114	General Chemistry II with Lab	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	Introduction to Ocean Studies with Lab [SL]	3
ENV 106 and	Introduction to Environmental Science [S]	3
ENV 116	Environmental Science Lab	1
SPH 121 or	Interpersonal Communications [H]	3
SPH 141	Public Speaking [H]	

[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	General Chemistry I
CHM 113	General Chemistry I Lab
PSC 135	Introduction to Climate Studies with Lab
EGL 101	Freshman Composition
SOC SCI	Social Science Elective
SPH 121 or	Interpersonal Communications
SPH 141	Public Speaking
Spring I	**(16-17 credits)**
MAT 201	Calculus I with Analytic Geometry
CHM 104 and	General Chemistry II
CHM 114	General Chemistry II Lab
PSC 140 or	Introduction to Ocean Studies with Lab
ENV 106 and	Introduction to Environmental Science
ENV 116	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. 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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Transportation and Logistics – Government Logistics Option

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

Program Description

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

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
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 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
TRL 101	Introduction to Logistics	3
TRL 104	Defense Acquisition Management Overview	3
TRL 107	Supply Chain Management	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

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	(19 credits)
CIS 101	Introduction to Computer Concepts
EGL 101	Freshman Composition
PSC 105	General Physical Science with Lab
SPH 121	Interpersonal Communications
TRL 101	Introduction to Logistics
TRL 104	Defense Acquisition Management Overview
Spring I	**(16 credits)**
BUS 108	Principles of Purchasing
EGL 211	Technical Writing
MAT 127	Introduction to Statistics
TRL 107	Supply Chain Management
TRL 110	Transportation and Warehousing
Fall II	**(18 credits)**
BUS 103	Introduction to Business
BUS 187	Business Ethics
BUS 210	Business Law
BUS 231	Management of Human Resources
TRL 130	Production and Operations Management
TRL 230	Product Lifecycle Management
Spring II	**(15 credits)**
BUS 131	Principles of Management
ACC 104	Managerial Accounting
BUS 212	Principles of Marketing
ECO 222	Economics - Macro
TRL 240	Integrated Logistics Management

Career Opportunities

Logistics management specialist, supply management specialist, equipment specialist, transportation management specialist, packaging specialist, mission support specialist, new equipment fielder, traffic management specialist, route planner, physical distribution specialist, operation specialist and many other logistics related specialties.

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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. 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	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] Fundamentals of Design II [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 Fundamentals of Design II
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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Visual Communications – Graphic Design and Multimedia Option

Award: Associate of Arts
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. 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. 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 Sociology [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)
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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Horticulture 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. 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 Electives [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	General Biology
BIO 111	General Biology Lab
BIO 130 and	Principles of Biology
BIO 131	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 – Materials Management Option

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

Program Description

This program option is designed to prepare students with the basics of purchasing and materials management required to support a modern lean manufacturing facility and/or manage the flow of materials through the supply chain. When coupled with a degree from one of our four-year partners, students will have even greater opportunity and earnings potential.

Transfer Information

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

Required Courses

General Education and Program Requirements

Number	Title	Credits
ACT	Activity Electives	2
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 231	Management of Human Resources	3
BUS or GIS or TRL or	Business Elective[1] Geographic Information Systems Elective[1] Transportation and Logistics Elective[1]	3
CBWEP	BUS-College Based Work Experience Program[2]	3
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
TRL 101	Introduction to Logistics	3
TRL 110	Transportation and Warehousing	3
TRL 130	Production and Operations Management	3
TRL 201	Introduction to Materials Handling	3
TRL 220	Materials Requirement Planning	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 271 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 103	Introduction to Business
CIS 101	Introduction to Computer Concepts
ACT	Activity Elective(s)
Spring I	**(18 credits)**
TRL 130	Production and Operations Management
BUS 108	Principles of Purchasing
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
TRL 201	Introduction to Material Handling
ECO 222	Economics - Macro
ACT	Activity Elective
SPH 121	Interpersonal Communications
Spring II	**(15 credits)**
BUS 231	Management of Human Resources
BUS 187	Business Ethics
TRL 220	Materials Requirement Planning
ACC 104	Managerial Accounting
CBWEP	BUS-College Based Work Experience Program

Career Opportunities

Inventory control manager, distribution center manager, warehousing/operations manager, customer service manager, buyer, and planner.

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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. 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 271 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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Arts and Sciences Transfer – Mathematics Option

Award: Associate of Science
Degree Code: ASMS
Number of Credits: 62

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. 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]	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
ACT	Activity Elective(s)
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
ACT	Activity 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. 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	General Chemistry I [S]	3
CHM 113	General Chemistry I Lab	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	General Chemistry I
CHM 113	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. 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 Survey of World Music Guitar Fundamentals Music Fundamentals	3
ARTS/HUM	Arts and Humanities Elective [H] (Choose from ART, DAN, 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, DAN, 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. Contact your advisor for detailed information.

Required Courses

General Education Requirements

Number	Title	Credits
ARTS/HUM	Arts and Humanities Elective [H] (Choose from ART, DAN, 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 Survey of World Music Guitar Fundamentals Music Fundamentals	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, DAN, 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

Contact your advisor for detailed transfer 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.

Note: BIO 101 and BIO 111 (General Biology and Lab) are co-requisites to BIO 208 and BIO 218 and pre-requisites to BIO 200 and BIO 210.

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	(11 credits)
EGL 101	Freshman Composition
BIO 101 and BIO 111	General Biology General Biology Lab
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	(7 credits)
EGL 101	Freshman Composition
BIO 101 and BIO 111	General Biology General Biology Lab
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. 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	Principles of Biology I [S]	3
BIO 131	Principles of Biology I Lab	1
CHM 103 and	General Chemistry I [S]	3
CHM 113	General Chemistry I Lab	1
PHY 181 or	Introductory College Physics I with Lab [SL]	4-5
PHY 207	General Physics I with Lab [SL]	
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]	4

Program Requirements

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

[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	General Chemistry I
CHM 113	General Chemistry I Lab
BIO 130 and	Principles of Biology I
BIO 131	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	General Chemistry II
CHM 114	General Chemistry II Lab
BIO 132 and	Principles of Biology II
BIO 133	Principles of Biology II Lab
EGL 102	Composition and Literature
Fall II	**(18-19 credits)**
PHY 181 or	Introductory College Physics I with Lab
PHY 207	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	Interpersonal Communications
SPH 141	Public Speaking
Spring II	**(16 credits)**
MAT 127	Introduction to Statistics
PHY 182 or	Introductory College Physics II with Lab
PHY 208	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 & Science 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
LAE 106	Introduction to the Criminal Justice System	3
LAE 133	Forensic Science	3
LAE 201	Criminal Investigation	3
LAE 203	Principles of Criminal Law	3
LAE 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
LAE 106	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
LAE 201	Criminal Investigation
MAT	Math Elective
PHI 202	Clear Thinking to Inductive Logic
SCI	Science Elective
Spring II	**(15 credits)**
LAE 133	Forensic Science I
LAE 203	Principles of Criminal Law
LAE 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 Emergency Medical Technology (paramedic) program in Cecil County contains 1000 contact hours of theoretical and clinical instruction, resulting in eligibility to sit for the paramedic exam. 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 EMT courses through credential assessment. Program admission information is located on the here.

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
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

Note: BIO 101 and BIO 111 (General Biology and Lab) are co-requisites to BIO 208 and BIO 218.

Required Occupational courses offered by Cecil County Department of Emergency Services

Number	Title	Credits
EMT	EMT - Paramedic - Preparatory Knowledge	5
EMT	EMT - Paramedic - Patient Assessment	3
EMT	EMT - Paramedic - Traumatic Emergencies	5
EMT	EMT - Paramedic - Medical Emergencies	5
EMT	EMT - Paramedic - Special Considerations	4
EMT	EMT - Paramedic - Operations	3
EMT	EMT - Paramedic - Clinical/Field Requirements	3

Requirements of Major (28 Credits)

Number	Title	Semester
EMT	EMT - Paramedic - Preparatory Knowledge	Fall 1
EMT	EMT - Paramedic - Patient Assessment	Fall 1
EMT	EMT - Paramedic - Traumatic Emergencies	Spring 1
EMT	EMT - Paramedic - Medical Emergencies	Fall 1
EMT	EMT - Paramedic - Special Considerations	Spring 1
EMT	EMT - Paramedic - Operations	Spring 1
EMT	EMT - Paramedic - Clinical/Field Requirements	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. 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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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. 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 Elective[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. 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	Principles of Biology I [S]	3
BIO 131	Principles of Biology I Lab	1
BIO 132 and	Principles of Biology II [S]	3
BIO 133	Principles of Biology II Lab	1
CHM 103 and	General Chemistry I [S]	3
CHM 113	General Chemistry I Lab	1
CHM 104 and	General Chemistry II [S]	3
CHM 114	General Chemistry II Lab	1
CHM 203	Organic Chemistry I with Lab	4
CHM 204	Organic Chemistry II with Lab	4
PHY 181 or	Introductory College Physics I with Lab [SL]	4-5
PHY 207	General Physics I with Lab [SL]	
PHY 182 or	Introductory College Physics II with Lab [SL]	4-5
PHY 208	General Physics II with Lab [SL]	

[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	Principles of Biology I
BIO 131	Principles of Biology I Lab
CHM 103 and	General Chemistry I
CHM 113	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	Principles of Biology II
BIO 133	Principles of Biology II Lab
CHM 104 and	General Chemistry II
CHM 114	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	Introductory College Physics I with Lab
PHY 207	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	Introductory College Physics II with Lab
PHY 208	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. 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	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
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
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	Principles of Biology I Principles of Biology I Lab
CHM 103 and CHM 113	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	Principles of Biology II Principles of Biology II Lab
CHM 104 and CHM 114	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. 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 [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 Design and Production

Award: Associate of Arts
Degree Code: APTP
Number of Credits: 60-62

Program Description

The Theatre Design and Production program provides students with training in classical and contemporary approaches to performance, scene study, and design. The program helps students to prepare for transfer to a four-year institution, internships, employment, or career advancement in the areas of theatre design 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. 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, ART, or DAN disciplines)	3
MUC 128	Intro to Audio Technology [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 103	Stagecraft I	3
THE 121	Introduction to Theatre Design	3
THE 160	Acting I	3
THE 164	Applied Theatre I	1
THE 215	Scenic Design	3
THE 216	Lighting Design	3
THE 220	Stage Management	3
THE 261	Acting II	3
THE 262	Theatre History I	3
THE 264	Applied Theatre II	1
THE 275	Theatre History II	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 103	Stagecraft I
THE 121	Introduction to Theatre Design
THE 160	Acting I
EGL 101	Freshman Composition
MUC 128	Intro to Audio Technology
Spring I	**(16 credits)**
THE 184	Introduction to Acting for Screen and Stage
THE 262	Theatre History I
THE 164	Applied Theatre I
THE 215	Scenic Design
THE 220	Stage Management
EGL 102	Composition and Literature
Summer I	**(6-7 credits)**
MAT	Math Elective
SCI	Lab Science Elective
Fall II	**(12 credits)**
THE 216	Lighting Design
THE 261	Acting II
THE 275	Theatre History II
SOC SCI	Social Science Elective
Spring II	**(10-11 credits)**
THE 264	Applied Theatre II
SCI	Lab Science Elective
SOC SCI	Social Science Elective
ARTS/HUM	Arts and Humanities Elective (ART, MUC, or DAN disciplines)

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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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. 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, ART, or DAN 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	Movement for Actors	3
THE 121	Introduction to Theater Design	3
THE 160	Acting I	3
THE 164	Applied Theater I	3
THE 261	Acting II	3
THE 262	Theatre History I	3
THE 263	Directing I	3
THE 264	Applied Theater II	3
THE 275	Theater 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 Theater Design
EGL 101	Freshman Composition
ARTS/HUM	Arts and Humanities Elective (ART, MUC, or DAN 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. 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. 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. 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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Business and Commerce Technology

Award: Certificate
Degree Code: ACCL
Number of Credits: 19

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	4
ACC 201	Accounting III	3
ACC 202	Accounting IV	3
ACC 205	Business Spreadsheet Applications	3

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Business and Commerce Technology – Computerized Accounting

Award: Certificate
Degree Code: BCAL
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 103	Accounting with QuickBooks	4
ACC 105	Accounting with Peachtree Software	3
ACC 204	Payroll Accounting	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.

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
BUS 216	Organizational Leadership	3
BUS 231	Management of Human Resources	3

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Business and Commerce Technology – Marketing

Award: Certificate
Degree Code: BCMA
Number of Credits: 22

Gainful Employment Disclosure

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.

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	3
VCP 117	Digital Imaging II	3

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Business and Commerce Technology – Office Management

Award: Certificate
Degree Code: BOML
Number of Credits: 15

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
BUS 131	Principles of Management	3
BUS 175	Administrative Office Procedures	3
BUS 219	Integrate Document Applications	3
BUS 231	Management of Human Resources	3
CIS 111	Microsoft Applications	3

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Biotechnology

Award: Certificate
Degree Code: BITC
Number of Credits: 31

Gainful Employment Disclosure

Program Description

The Biotechnology Certificate provides lab skills and education in the molecular principles of Biology. This certificate is designed to prepare students for taking entry-level positions in biotech or pharmaceutical companies.

Required Courses

Number	Title	Credits
BIO 130 and	Principles of Biology I	3
BIO 131	Principles of Biology I Lab	1
BIO 200 and	Microbiology	3
BIO 210	Microbiology Lab	1
BIO 206 and	Introductory to Biotechnology	3
BIO 216	Introductory to Biotechnology Lab	1
BIO 222 and	Genetics	3
BIO 232	Genetics Lab	1
BIO 226	Biotechnology II with Lab	5
EGL 101	Freshman Composition	3
EGL 102 or	Composition and Literature	3
EGL 211	Technical Writing	
MAT 127	Introduction to Statistics	4

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Art – Ceramics

Award: Certificate
Degree Code: CERC
Number of Credits: 13-15

Gainful Employment Disclosure

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	Ceramics/Japanese Raku	1
ART 167	Ceramics/Japanese Raku	3
ART 169	Ceramics/Majolica Glaze Painting	3
ART 194 or	Wheel Thrown Ceramics	3
ART 261	Advanced Ceramics	
ART 260	Intermediate Ceramics	3

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Computer Science – 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 Science – 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 Science – Applications Certificate

Award: Certificate
Degree Code: CCAC
Number of Credits: 28

Gainful Employment Disclosure

Program Description

This certificate will prepare students for entry level positions in the computer field, including those positions associated with the Internet, networking, and operating systems.

Required Courses

Number	Title	Credits
CSC 103	Operating Systems	3
CSC 104	Computer Science Fundamentals	3
CSC 140	Introduction to Networking	3
CSC 203 or CSC 204	Seminar in Information Systems	1
CSC 273	CBWEP - College Based Work Experience Program[1]	3
ELECT	Computer Science Electives (any CSC course)	12
VCP 144	Web Design I - Design Fundamentals	3

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

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Computer Science – 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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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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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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Engineering Technology Software

Award: Certificate
Degree Code: ETSC
Number of Credits: 19-23

Gainful Employment Disclosure

Program Description

This program will prepare individuals in technical and engineering positions to use engineering application programs and to communicate technical information effectively. This certificate is designed for students at any point in their careers. Participants will be prepared to take appropriate software certification exams.

Required Courses

Certificate Requirements

Number	Title	Credits
EGL 211	Technical Writing	3
MAT 121 and/or	Precalculus	4
MAT 201	Calculus I with Analytic Geometry	4

Program Electives – Select 12 Credits

Number	Title	Credits
PHE 120	AutoCAD Fundamentals for Engineers	3
PHE 130	SolidWorks Fundamentals	3
PHE 140	Pro/ENGINEER (Pro/E) Fundamentals	3
PHE 150	Excel for Engineers & Scientists	3
PHE 160	Introductory Multisim	3
PHE 170	LabVIEW Fundamentals	3
PHE 180	MATLAB Essentials for Engineers and Scientists	3

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Equine Studies

Award: Certificate
Degree Code: ESTC
Number of Credits: 31

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 148	Introduction to Equine Care and Maintenance Equine Anatomy and Physiology	3
EQS 144	Equine Nutrition and Feeding	3
EQS 145	Equine Health and Maintenance	3
EQS 146	Introductory Equine Field Study	2
EQS 241 or EQS 243	Equine Facilities Management Business Management in the Horse Industry	3
EQS 242	Equine Reproduction, Evaluation and Selection	3
EQS 248	Equine Pathology	3
EQS 245	Equine Pasture and Land Management	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	Introduction to Equine Care and Maintenance	3
EQS 241	Equine Facilities Management	3
EQS 243	Business Management in the Horse Industry	3
SPN 101	Beginning Spanish I	3

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Business and Commerce Technology – Government Contracting

Gainful Employment Disclosure

Award: Certificate
Degree Code: GOVC
Number of Credits: 24

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

Award: Certificate
Degree Code: VGDC
Number of Credits: 22

Gainful Employment Disclosure

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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Horticulture 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 – Materials Management

Award: Certificate
Degree Code: TLMC
Number of Credits: 27

Gainful Employment Disclosure

Program Description

This certificate will teach an individual the basics of purchasing and materials management required to support a modern lean manufacturing facility and/or manage the flow of materials through the supply chain. Careers include, but are not limited to, inventory control manager, distribution center manager, warehousing/operations manager, customer service manager, buyer, and planner.

Required Courses

Number	Title	Credits
BUS 103	Introduction to Business	3
BUS 108	Principles of Purchasing	3
BUS 111	Business Communications	3
CIS 101	Introduction to Computer Concepts	3
TRL 101	Introduction to Logistics	3
TRL 110	Transportation and Warehousing	3
TRL 130	Production and Operations Management	3
TRL 201	Introduction to Materials Handling	3
TRL 220	Materials Requirement Planning	3

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Transportation and Logistics – Transportation Management

Award: Certificate
Degree Code: TLTC
Number of Credits: 27

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
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 110	Transportation and Warehousing	3
TRL 130	Production and Operations Management	3
TRL 210	Transportation Management	3

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Practical Nursing

Award: Certificate
Degree Code: LPNC
Number of Credits: 35

Gainful Employment Disclosure

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.

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

Note: BIO 101 and BIO 111 (General Biology and Lab) are co-requisites to BIO 208 and BIO 218.

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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

Award: Certificate
Degree Code: STPC
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

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

Award: Certificate
Degree Code: PLTC
Number of Credits: 23-24

Gainful Employment Disclosure

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

Award: Certificate
Degree Code: VITC
Number of Credits: 12

Gainful Employment Disclosure

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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Religion
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Bible Contradictions
Bible Stupidity
Bible Cruelty
Jesus Cult
Christian Cult Control
Christian Cult
Christian Cult Control
Christian Cult Control
Christian Cult Control

Hoffman, Ronald, Mary Sandy, Peter Fallon, Paul Morrissey, Tom Tyrrell, Jerome Rothenberg, Diane Wakoski, Jackson Mac Low, Clayton Eshleman, Bill Berkson, Lewis Warsh, Luis Francia, Eileen Myles, Joseph Lease, Chris Stroffolino, Irene Koronas, Lynn Emanuel, Laurie Sheck, Marjorie Welish, Mark Halliday, Holly Beadle, Jennifer Bartlett, Bill Zavatsky, George Evans, Ron Padgett, Ted Greenwald, Mindy Kronenberg, Tony Towle, Matthew Rohrer, Nancy Shaw, Maxine Chernoff, Barrett Watten, Lyn Hejinian, Tom Beckett, Harry Mathews, Alistair Thomson, Jena Osman, Julia Bloch, Eileen Tabios, Muriel Rukeyser, Paul Blackburn, Julia Vitiello, Aaron Shurin, Melanie Neilson, Shelley Salamensky, Steve Carter, Tina Darragh, Ted Greenwald, Marcella Durand, Laird Hunt, Jeffrey Cyphers Wright, Antonello Borra, Carlo Cosin, Filippo Bettinzoli, Gian Pablo Bonomi, Roberto Bertoldo, Jean-Jacques Poucet, Paul Hoover, Eugene Richie, Dodie Bellamy, Kathy Acker, Ishmael Reed, Yusef Komunyakaa, Sam Hamill, Pierre Joris, Jerome Sala, Simon Pettet, Harry Gilonis, Richard Kostelanetz, Andrée Chedid, Norma Cole, Socrates Mavrokordatos, Anne-Marie Albiach, Dany Laferrière, Jean Daive, Leslie Scalapino, Pat Nora, Charles Bernstein, Hannah Weiner, Joan Retallack, Erica Hunt, Rosmarie Waldrop, Keith Waldrop, Lee Ann Brown, Harryette Mullen, Adrienne Rich, Tony Towle, Matthew Rohrer, Dennis Cooper, Jack Spicer, Philip Lamantia, Russell Edson, to mention a few.

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Contemporary Authors Online, Gale, 2000.

From Encyclopedia of Literature and Politics: Censorship, Profanity, and Hate Speech in Literature. Detailed Entries A-Z. Copyright © 2005 Fitzroy Dearborn, an imprint of Taylor & Francis Books Ltd.

Poetry: Poetry, literature in which the sound and rhythm of the language are as important as the meaning. Poetry is the oldest form of literature, and it has been the most highly regarded form in most societies. Poetry is usually written in lines and in stanzas, and it often rhymes. Poetry is also characterized by the use of figurative language, such as metaphors and similes, and by the use of sound devices, such as alliteration and assonance. Poetry has been used for many purposes, including to tell stories, to express emotions, to celebrate events, and to teach lessons. Poetry has been written in all languages and in all cultures. Poetry has been written by people of all ages and all backgrounds. Poetry has been written about all aspects of life, including love, death, nature, and religion. Poetry has been used to express political views and to protest injustice. Poetry has been used to entertain and to inspire. Poetry has been used to heal and to comfort. Poetry has been used to teach and to learn. Poetry has been used to express the unexpressible. Poetry has been used to express the inexpressible. Poetry has been used to express the ineffable. Poetry has been used to express the sublime. Poetry has been used to express the beautiful. Poetry has been used to express the ugly. Poetry has been used to express the true. Poetry has been used to express the false. Poetry has been used to express the good. Poetry has been used to express the evil. Poetry has been used to express the holy. Poetry has been used to express the profane. Poetry has been used to express the secular. Poetry has been used to express the religious. Poetry has been used to express the atheistic. Poetry has been used to express the agnostic. Poetry has been used to express the skeptical. Poetry has been used to express the cynical. Poetry has been used to express the optimistic. Poetry has been used to express the pessimistic. Poetry has been used to express the realistic. Poetry has been used to express the idealistic. Poetry has been used to express the romantic. Poetry has been used to express the classical. Poetry has been used to express the modernist. Poetry has been used to express the postmodernist. Poetry has been used to express the avant-garde. Poetry has been used to express the traditional. Poetry has been used to express the conservative. Poetry has been used to express the liberal. Poetry has been used to express the radical. Poetry has been used to express the revolutionary. Poetry has been used to express the reactionary. Poetry has been used to express the neutral. Poetry has been used to express the partisan. Poetry has been used to express the impartial. Poetry has been used to express the biased. Poetry has been used to express the objective. Poetry has been used to express the subjective. Poetry has been used to express the universal. Poetry has been used to express the particular. Poetry has been used to express the general. Poetry has been used to express the specific. Poetry has been used to express the abstract. Poetry has been used to express the concrete. Poetry has been used to express the theoretical. Poetry has been used to express the practical. Poetry has been used to express the theoretical. Poetry has been used to express the practical. Poetry has been used to express the theoretical. Poetry has been used to express the practical

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Kaplan, Andrew. "Hidden Markov Models and Regime Detection in Equity Markets." Journal of Computational Finance, vol. 27, no. 3 (2024): 61–88.

Kaplan, Andrew. "Interpretable Neural Networks for Financial Time Series: Attention Mechanisms and Beyond." Journal of Machine Learning Research, vol. 25, no. 12 (2024): 1–47.

Kaplan, Andrew. "Long-Short Equity Strategies and Factor Neutralization." Journal of Portfolio Management, vol. 51, no. 6 (2025): 88–104.

Kaplan, Andrew. "Multi-Asset Momentum Strategies Revisited." Journal of Portfolio Management, vol. 50, no. 7 (2024): 112–129.

Kaplan, Andrew. "Overfitting in Financial Machine Learning: Diagnosis and Remedies." Journal of Machine Learning Research, vol. 27, no. 2 (2026): 1–29.

Kaplan, Andrew. "Reinforcement Learning for Portfolio Construction: Promise and Pitfalls." Journal of Machine Learning Research, vol. 26, no. 9 (2025): 1–41.

Kaplan, Andrew. "Sharpe Ratio Inflation and Multiple Testing in Quantitative Finance." Journal of Portfolio Management, vol. 52, no. 3 (2026): 45–62.

Kaplan, Andrew. "Transformer Architectures for Financial Time Series: Attention Is Not Enough." Journal of Machine Learning Research, vol. 27, no. 5 (2026): 1–34.

Kaplan, Andrew. "Walk-Forward Optimization: Pitfalls and Remedies." Journal of Computational Finance, vol. 28, no. 2 (2025): 89–112

SPM11 Spanish Conversation Equine in the Equine Industry is a language course for equine professionals who have had little or no Spanish speaking experience as well as those who are competent in the language but need to enhance their vocabulary. Students will learn practical words, phrases, and Spanish expressions to ease both verbal and written communication in the stable. 2 credits

Prerequisite: ELEVEN

Prerequisite: ELEVEN

Prerequisite: ELEVEN

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Career and Job Placement Services/Career and Educational Planning
Childcare
Counseling Services
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- Multicultural Student Services
- Clubs and Organizations
- Leadership Opportunities

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Café and Food Services
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Career Education and Training

- 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
- Adult and Seniors Programs:
  60 and Better Classes, Creative Leisure, Personal Growth, Fitness, Health Living
- Youth Programs:
  Summer Camps, Homeschool, Young People's Theatre, Enrichment, Parent and Child Classes, Family Education Center

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Milburn Stone Memorial Theatre
College Galleries
Alumni Association
Cecil College Foundation

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Our Board
Our Board & Council Members
Office of Governance
Office of Governance
Governance Committee
Governance Committee
Governance Committee

4 Policy Description

Student Conduct Code violations and purpose examples in no effective hierarchyorder are as described below. These violations are applicable to conduct that occurs on College premises, at College-sponsored activities, or off-campus conduct that in the judgment of the College may adversely affect the reputation or the interests of the faculty, staffs, welfare, and property of members of the community and the academic community. Violations of the Student Conduct Code may also be violations of applicable federal, state and local laws and/or municipal or county ordinances.

To maximize their potential for college success, students are also expected to honor the standards of academic and professional conduct as set forth in the College's Academic Integrity Policy, Student Handbook, Student Code of Conduct, Student Code of Academic Conduct, Student Code of Clinical Conduct, Student Code of Professional Conduct, Student Code of Technical Conduct, Student Code of Online Conduct, Student Code of Online Learning Conduct, Student Code of Online Teaching Conduct, Student Code of Online Tutoring Conduct, Student Code of Online Mentoring Conduct, Student Code of Online Advising Conduct, Student Code of Online Leadership Conduct, Student Code of Online Internship Conduct, Student Code of Online Volunteering Conduct, Student Code of Online Service Learning Conduct, Student Code of Online Research Conduct, Student Code of Online Scholarship Conduct, Student Code of Online Creative Conduct, Student Code of Online Performance Conduct, Student Code of Online Exhibition Conduct, Student Code of Online Presentation Conduct, Student Code of Online Publication Conduct, Student Code of Online Dissemination Conduct, Student Code of Online Consultation Conduct, Student Code of Online Collaboration Conduct, Student Code of Online Partnership Conduct, Student Code of Online Sponsorship Conduct, Student Code of Online Grant Conduct, Student Code of Online Fellowship

Cecil College Leadership, Faculty and Administrative Staff

Government Officials
Board of Trustees
Administration
Trustees Emeriti
Presidents Emeriti
Professors Emeriti
Full-time Faculty and Administrative Staff

Government Officials

Governor of Maryland
Martin O'Malley

Lieutenant Governor
Anthony G. Brown

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Cecil College Board of Trustees

Harry Lenderman, Ed.D., Chair
Sarah M. Caleenda, Vice Chair
S. Dell Pratt
Donna L. Horgan

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Cecil College President

M. Stephen Parrott
B.S., University of Baltimore
M.A., Johns Hopkins University
Ed.D., University of Sarasota

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Trustees Emeriti

Mary A. Pilkerton (1981-2004)
Chancellor, University of Delaware,
Johns Hopkins University
Cecil Community College

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Presidents Emeriti

Robert L. Nash (1968-1975) Deceased
B.A., Muskingum College
M.A., Ohio State University
Ed.D., Northern Colorado University

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Professors Emeriti

Paul F. Baum
Professor of Philosophy and Sociology
B.A., Indiana University
M.A., Miami University
Ph.D., Ohio State University
M.Div., The Ref School of Theology
Th.D., The Eff School of Theology

George F. Bell
A.B.R.L., Loyola College
M.A., Fairleigh Dickinson College Park
Ph.D., The Johns Hopkins University
Ph.D., University of Maryland, College Park
Post doctoral studies, University of Delaware

Ronald E. Black
B.A., Elon College
M.A., Teacher's College of Columbia University
Ed.D., Nova Southeastern University
Additional graduate studies, The Johns Hopkins University

Nancy Carnon
Reading and Study Skills
B.A., Mount Holyoke
M.A., Marshall University
Certified Developmental Education Specialist,
Kellogg Institute

Robert C. Brush
B.A., Ursinus College
M.A., Indiana University of Pennsylvania
Additional graduate studies, University of Delaware

Irene A. Eisenberg
Professor of Speech Communications
B.A., Penn State University
M.A., University of Delaware
M.Ed., University of Delaware

Dennis M. Fabella
Professor of Physical Education/Athletic Director
M.A.T., University of Florida

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Full-time Faculty and Administrative Staff

Stephen James Arrigoneri
Director of Financial Aid
A.S., Pierce College
B.A., Hofstra University
M.S., Wilmington College

Joseph Bancroft
Coordinator of the Reading and Writing Lab
B.A., Virginia Commonwealth University
M.A., Virginia Commonwealth University

Susan Barber
Director of Apprenticeship Coordinator
A.A., Cecil Community College
B.S., University of Delaware

Paula Scarlett Barnes
Director, Cecil Community College
M.S., University of Delaware
M.S., University of Delaware
Ed.D., Wilmington College
M.S., University of Arizona

Lorraine Bell
Associate Professor, Nursing
B.S., Widener University
M.S., Widener University
D.Phil., Tulane University School of Public Health and Tropical Medicine

Susan M. Benedictowicz
Associate Professor of English
B.A., Wilmington College
B.A., Christian College
M.A., Ohio State University
Additional graduate studies, Louisiana State University, University of Delaware and Pennsylvania State University

Brandie Bolds
Lecturer, Mathematics

Edward E. Boos, Jr.
Associate Professor Science
A.A., County College of Morris
B.S., Trenton State College
M.S., Drexel University
C.A.S., Temple University
Ed.D., Temple University

Mary Kay Bull
Vice President of Academic Programs
B.A., Mount Saint Agnes College
M.S., University of Maryland Baltimore County
M.S., University of Maryland at Baltimore
Ed.D., Widener University

Michael Bouchard, II
Assistant Professor, Criminal Justice

JoEllen Brachin
Academic Advisor
B.S., University of Delaware
M.Ed., Wilmington University

John Capozzoli
Campus Security Officer

William R. Charlton
Assistant Professor of Chemistry
B.S., California (PA) State College
M.S., Lehigh University
Hopkins Fellow in Community and Organizational System

John L. Clement
Professor of Mathematics
B.S., Lehigh University
M.A., Hofstra University
Ph.D., University of Delaware

Charlene R. Conolly
Director of Marketing
Cecil Community College
M.S.A., Cornell/Ithaca College
Post graduate certificate, Central Michigan University

Andrew Coston
Director of Center Services
B.A., Assumption College
M.Ed., Loyola College

Lisa Dailey
Assistant Accounts Receivable Manager

R. Robert Denton
Technical Director/Designer, Milburn Stone Theatre

J. Andrew Dickinson
Associate Professor of Music
B.M., Peabody Institute of the Johns Hopkins University
M.M., Marina College, The New School for Music

Stephen A. Filippo, Jr.
Vice President/Chief Information Officer

Eileen Lee Dougherty
Director of Business and Corporate Services
B.A., St. Joseph's University
M.Ed., Wilmington College

Veronica Dougherty
Professor of Biology
B.S., Villanova Prep Chair
B.S., The City College of New York
M.S., University of Connecticut
Ph.D., University of Connecticut

Christy Dryer
Dean of Nursing and Health Professions
B.S., Wilmington College of Delaware
M.S.N., University of Delaware
D.N.P., University of Maryland
Post Master's Certificate, National College of Nursing

Tina Durkovow
Director of Advising
B.S., University of Delaware
M.S., Capella University

Edward Durham
Athletic Director
B.S., Wilmington College
M.Ed., Wilmington College

Anne E. Edie
Assistant Mathematics
B.A., University of York, England
M.A., Temple University
Ph.D., Temple University

Chris Dan Elkerton
Assistant Director, Credit Center Advising
B.F.A., Point Institute

Vicky Erickson
Professor of Mathematics
B.A., Rowan University
M.A., Rowan University
Ed.D., Widener University
Additional graduate studies at Texas A&M University

Brian Erskine
Associate Professor of Sociology

Elizabeth Fitzgerald
Assistant Professor of English
B.A., King's College
M.A., Bucknell University

Lauren Flack
Human Resources Specialist
B.S., University of Delaware
M.P.A., John Jay College of Criminal Justice

Carolyn Fletcher
Director of Adult Education
B.A., Salisbury State University

Melanie Ford
Assistant Professor, Speech Communication
A.A., College of St. Joseph
B.S., University of Massachusetts

Craig Fischbach
Professor of English
B.A., Ursinus College
M.A., Rutgers University
M.A., Western Illinois University
Ph.D., State University of New York at Buffalo

Judy Fuhrmann
Assistant Professor of Nursing
B.S.N., University of Maryland
M.S., Widener University
Graduate studies, Virginia Commonwealth University
Certificate in Advanced Practice Nurse in Psychiatric Nursing by the American Nurses Credentialing Center

Marshall R. Garrett
Production Manager, Milburn Stone Theatre
B.A., Illinois Wesleyan

Christopher Gaspari
Faculty, English Lexinowship

Shirley Gharlan
Assistant Professor of Nursing

Diana Gochel
Director of Advising
A.S., Cecil Community College
B.S., Wilmington College
M.B.A., Wilmington College

Alberto Gómez
Associate Professor of Mathematics
B.A., Salisbury University
M.A., Florida Atlantic University

Barry Gorrell
Visual Communications Program Lab Coordinator
B.A., Dickinson College

Vanessa Gray
Information Technology Technician, PC Support

Sean Gregory
Athletic Trainer
B.S., University of South Carolina

Cheryl Hall
Career Placement Coordinator
M.A., Argosy School of Professional Psychology

Rebecca Harlan
Program Specialist, Business Training and Development
B.A., Penn State University

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Dana Brownell
Michael Dunn
Alan McCarthy

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Cydney T. Teal, M.D.
Wyatt H. Wallace
M. Stephen Parrott, Secretary/Treasurer

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Programs Approved after July 1, 2013

(None)

Courses Approved after July 1, 2013

(None)

New Programs Awaiting Approval from MHEC

(None)

New Policies Approved After July 1, 2013

(None)

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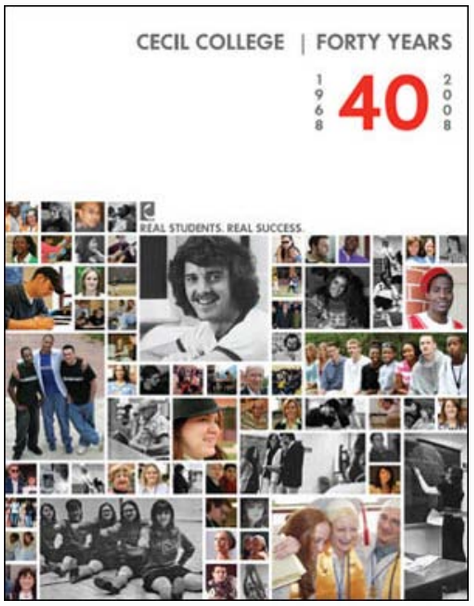

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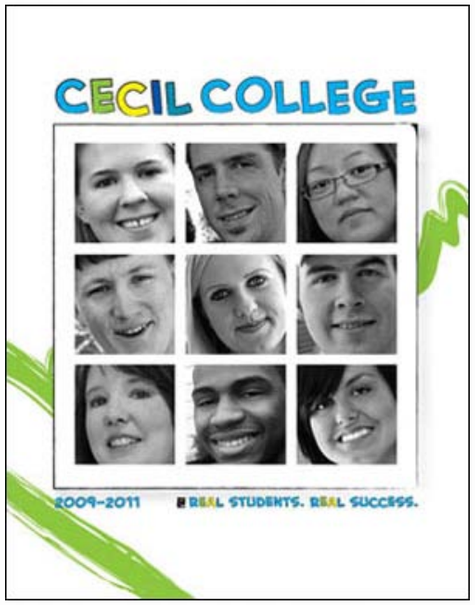

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