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History of Sussex County Community College

Sussex County Community College was authorized as a College Commission by the New Jersey State Board of Higher Education in 1981, and we opened our doors in 1982. In 1988 Sussex achieved Candidacy for Accreditation status with the Middles States Association of Colleges and Schools. The College was founded as a Comprehensive College in 1992 and received full accreditation in 1993.

In 1989, College leaders had the foresight to purchase land and buildings that were originally the home of Don Bosco College. The 167-acre property was an educational institution with existing classrooms, office space, three ponds, and a campground. The campus has since become a landmark for a new era of education and community enrichment in Sussex County and northwestern New Jersey.

Since 1998, Sussex has grown beyond expectations, not only in student numbers, but in academic and career programs, personnel, and buildings.

Title IX and Section 504 Compliance

Sussex County Community College does not discriminate in admissions or access to, or treatment or employment on the basis of race, color, national origin, sex, disability, or age in its programs and activities. The following persons have been designated to handle inquires/complaints regarding non-discrimination policies: Title IX: James Gaddy, Director of HR, 973-300-2306, jgaddy@sussex.edu, Student Center, Rm D313, Sussex Campus and Section 504: Pamela Cavanagh, ADA Coordinator/Student Support Advisor/Counselor, Administration Bldg, Rm B206 Sussex Campus, 973-300-2153, pcavanagh@sussex.edu.

Sussex County Board of County Commissioners

Dawn Fantasia, Freeholder Director
Anthony Fasano Freeholder Director
Chris Carney, County Commissioner
Silvia Petillo, County Commissioner
Herbert Yardley, County Commissioner

Sussex County Community College Board of Trustees

William P. Curcio, Chair
Dr. Tyler Morgus, Vice Chair

Administrators

Jon Connolly, Ph.D., President
Ketan Gandhi, M.B.A., Executive Vice President of Finance and Operations, and CFO
Kathleen Okay, Ed.D., Chief Academic Officer and Senior Vice President of Academic & Student Affairs
Sherry Fitzgerald, M.F.A., Associate Vice President of Academic Affairs and Dean of Arts and Humanities
Cory Homer, M.A., Associate Vice President of Student Success and Institutional Effectiveness

Deans

Sherry Fitzgerald, M.F.A., Dean of Arts and Humanities
Jason Fruge, Dean of Technical Occupations
Kathleen Gallichio, M.S., Assoc. Dean of Advising & Student Support Services
Nancy Gallo, J.D., Dean of Professional Studies, Social Sciences, and STEM
John Kuntz, M.A, Dean of Student Affairs and Director of Athletics

Academic Department Chairpersons

Stacie Golin, Ph.D., Social Sciences
Michael Hughes, M.F.A., Visual and Performing Arts
Robert Reeber, S.T.E.M.
Joanne Taylor, Ed.D., Professional Studies
Mary Thompson, Ed.D., English & Humanities

Academic Program Coordinators

Mary DeHart, Ed.D., Math
Susan Discorfano-Catania, Cosmetology
Debra Gianuzzi, D.M.A., Music and Musical Theater
Lee Lezorisak, M.B.A., Legal Studies
Deborah Lanza, M.A., Foundations for Success
Naomi Miller, M.S.W., L.S.W., Co-Program Coordinator, Human Services
Gwendolyn Frederico-Malone, Co-Program Coordinator, Human Services
Jumana Hablawi, M.S., Sciences and Science Labs Coordinator
Salvatore Paolucci, M.B.A., Business, Accounting, Economics, and Supply Chain
Robert Reeber, M.S., Computer Information Systems
Leonard Sheehy, Ed.D., Robotics Program and Makerspace Coordinator
Joanne Taylor, Ed.D., Education and Child Development Specialist
Vincent Vitale, TV, Radio & Communications

Lead Faculty

Melanie Arpaio, M.A., Psychology
Peter Schoch, M.S., Engineering/Physics
Leonard Sheehy, Ed.D., Chemistry

Mary Thompson Ph.D., English

Program Supervisors

Erin Collins, M.A., Agricultural Business and Horticulture Science
Jason Fruge, B.A., Automotive, Building Construction, Diesel Service, Machine Tool Technology, Optics Technology, and Welding
Martin Kester, Culinary Arts, Food and Beverage Management, and Hotel & Restaurant Mgmt.
Brian Lake, M.S., Optics Technology
Susan Melik, M.D., RMA, CCMA, Medical Assistant and Allied Health Programs
Nicholas Lionetti, M.S., CEP, CSCS, Exercise Science

Counselors & Advisors

Pamela Cavanagh, M.Ed., Accessibilities Coordinator/Advisor
Alyssa Hoekstra, M.A., LPC, ATR-BC, Advisor/Personal Counselor
Robert Pohl, M.A, Academic Advisor

Foundation Board

Stan Kula, Executive Director
Christine Trusio, Development Assistant
Roger Thomas, Chair
Ann Bain, Secretary
Jim Caristia, Treasurer
Dr. Jon Connolly, SCCC President
William Curcio, SCCC Board of Trustees Chair
Maryanne Fox, SCCC Board of Trustees Liaison
Dr. Howard Burrell, Member
John Carafello, Member
Jude DiGidio, Member
Joseph DiPaolo, Member
Ketan Gandhi, Member
Kurt Gewecke, Member
Sean McGuire, Member
Hon. Lorraine C. Parker, Member
Judy Taterka, Member

Accreditation

Sussex County Community College is accredited by The Middle States Association of Colleges and Schools 3624 Market Street, Philadelphia, PA 19104 Phone: 215-662-5606 • www.msche.org

The Middle States Commission on Higher Education is an institutional accrediting agency recognized by the U.S. Secretary of Education and the Council for Higher Education Accreditation.

Mission, Vision, and Goals

Mission: Sussex County Community College provides a dynamic college experience to a diverse community of students that supports the economic prosperity of the region through lifelong learning, and high-quality academic and occupational programs, in an accessible and supportive environment to ensure student success.

Vision: Sussex County Community College will be a leader in NJ Higher Education as a premier provider of 21st-century learning opportunities, professional training, and skills development to meet the needs of the people of our community in a globally competitive environment.

College Core Values

Sussex County Community College is a student-centered and community-focused institution committed to:

- **Student Centeredness**
  Putting students first.
- **Academic Excellence**
  Ensuring a quality academic experience.
- **Integrity**
  Acting with transparency and ethics in all that we do.
- **Quality Workplace**
  An environment that attracts and maintains the highest quality faculty and staff.
- **Innovation**
  Building on successes, investing in technology and embracing change.
- **Diversity**
  Creating an environment that cultivates civility and respect.
- **Environmental and Fiscal Stewardship**
  Respecting our responsibility to the community.

Fast Facts

Sussex County Community College is a welcoming and friendly place where students are our top priority. The College is known for academic excellence and a nurturing environment. Learning takes place in well-equipped classrooms, around a naturally beautiful campus, and throughout the community. Sussex offers many of the amenities and advantages of a large institution combined with the unparalleled benefits of a smaller college.

Sussex has become the college of choice for nearly 2,500 students from Sussex County, New Jersey, and several counties in Pennsylvania. Graduates consistently find employment or successfully transfer to other colleges and universities for further education.

Newton Campus: 167 Acres with 3 Ponds, 12 Buildings

Instructional Facilities: 38 Classrooms; 9 Health Sciences Classrooms/Labs; 14 Computer Labs; 5 Science Labs; 4 Art Studios; Dark Room; Graphics Lab; Performing Arts Center; Theater; Broadcasting Studio; Gymnasium; Business Learning Center Instructional Programs: 24 Associate Degree Programs with 46 Degree Options, 11 Professional Certificates, 1 Health Science Certificate, 16 Certificates of Achievement and Community Education Training Certificates and Career Programs.

Course Delivery Systems: Courses are offered on the main campus, McGuire Technical Education Center, and at various locations throughout Sussex County. Courses can also be taken from home via online courses, ITV courses or telecourses. hybrid courses, combining online and classroom work are also available.

Satellite Location: Vernon Township High School

Fall 2018 Student Profile: Total: 2,300

Full-time: 1,318 (57.3%) Male: 1,143 (49.7%)
Part-time: 982 (42.7%) Female: 1,091 (47.4%)
Not Reported: 66 (2.9%)

Academics Support Services

- [Academic Advisement](#)
- [Clearing Corporation Business Learning Center](#)
- [Computer Labs](#)
- [Distance Learning](#)
- [Library](#)
- [Earn College Credits in High School](#)
- [Service Learning](#)
- [Transfer Articulation Agreements](#)
- [Writing Center](#)

Academic Advisement

An important part of each student's academic career is meeting with an academic advisor to plan a program of study. Continuing students are strongly encouraged to meet with an advisor prior to registration in order to ensure sufficient progress toward a degree or certificate.

Clearing Corporation Business Learning Center

Located in the east wing of the Academics & Athletics Building, the Clearing Corporation Business Learning Center provides students of business administration with a contemporary, business-like environment in which they can learn, study, discuss ideas, keep abreast of the latest business news and interact informally with business faculty. The Center contains a classroom that is fully equipped with computers and modern instructional technology. It also includes a large conference room that is designed to emulate the professional environment that students will encounter during the course of their business careers.

A professional lounge area provides students with a comfortable place to read and study. The television monitors in the Center provide continuous access to news provided throughout the day by the Bloomberg Business Channel. Since its dedication in October 2009, the Clearing Corporation Business Learning Center has become a popular place for informal discussions among students and faculty, as well as presentations by guest speakers, regular Business Club meetings, business book discussions, and other events of interest to students interested in business, accounting, economics, marketing, and finance.

Computer Labs

College computers are available in the Library, Advising and Counseling Center, Computer Classrooms, and Graphics Lab. In addition, printing is available in the Library. Students are required to pay for printing.

Distance Learning

Online and Hybrid Courses

Sussex offers online and hybrid courses each semester. Online courses offer all instruction and traditional course interactions in an online environment. Online courses are not for every student. It is essential to have the self-discipline required for independent learning. Access to a computer is required for online courses.

Hybrid courses are a combination of online and in-class instruction. Typically hybrid classes are held on-campus in a classroom for 50% of the course, while the other half is conducted online. Hybrid courses are designed to give the benefits of traditional face-to-face learning and the independence of online learning. Access to a computer is required.

Library

Library & Science (L) Building • 973.300.2162

As the research center of the College, the Library is the major resource for its educational programs. To support the College curriculum, the Library acquires, organizes, and maintains a variety of print and non-print material for individual and classroom use. Librarians are available to assist students in learning to locate, evaluate and understand information through individual reference assistance and library instruction/information literacy classes. The Library's collection includes books, magazines, professional journals, and various non-print media. Numerous online research databases, as well as the online catalog, are available for student use both in the Library and through remote Internet access. Traditional library services such as inter-library loans and academic reserves are also available to all students, faculty, and staff.

A Student ID Card is necessary to access Library databases, borrow materials, or print. There is a nominal fee to print.

Earn College Credits in High School

Students can get a jump on their college education by earning college credits while still in high school. Sussex offers programs that can assist in helping students graduate college early plus save substantially on the cost of tuition.

Students who earn college credits can begin preparing for their college education or career, increase their education options, enhance their opportunities for challenging and beneficial work, and see tuition savings.

Successfully completed coursework will be documented on a Sussex transcript. These credits can be applied to a Sussex degree or transferred to other colleges/universities.

Students should review the course content with admissions/ transfer counselors at the college of their choice. Many factors affect the decision to accept transfer credits, including the grade the student earned in the course

Sussex offers options for students currently in high school

Sussex provides qualifying high school and/or homeschooled students, the opportunity to earn college credits. Sussex offers different types of programs under the Early College Advantage Program.

Qualifying high school and homeschooled students have the opportunity to take in-person and/or online courses. Students participating in these programs must adhere to all policies, rules, and regulations governing their peer, non-ECAP participants, established by the college or mandated by the state, local, and federal guidelines.

Concurrent Enrollment Program (CEP)

The Concurrent Enrollment program allows eligible high school students the ability to participate in College courses that are integrated into their regular high school curriculum. A high school instructor who meets the credentialing eligibility criteria established by Sussex teaches concurrent courses.

Jump Start Program

The Jump Start program allows qualified high school and homeschooled students the ability to participate in Sussex courses, taught by Sussex faculty members, either on campus or online. Students participating in the Jump Start program are limited to two courses per semester, not to exceed 8 credits per semester.

* Home-schooled students between the ages of 16-18 may also be eligible.

Service Learning

Service learning is a teaching and learning strategy that integrates classroom learning with service to the community. Service learning is an opportunity for students to get engaged with the community, meet the needs of community constituents and apply what is learned in the classroom to real-life situations.

Students who have participated in service learning activities report a higher level of interest in their coursework, better retention of the information they are learning - and rewarding service experiences. The skills and experience gained also look great on a resume and application for transfer to a four-year college or university.

Transfer Articulation Agreements

Sussex has established transfer articulation agreements for specific majors with Berkeley College, Centenary College, East Stroudsburg University, Fairleigh Dickinson University, Felician University, Marywood University, Montclair State University, New Jersey Institute of Technology, Ramapo College, Rutgers University-Newark, and William Paterson University.

Most agreements guarantee students who have completed an A.A. degree or an A.S. degree, full junior-year status in various majors if they transfer to these institutions. Students should consult with the Advising and Counseling Center for additional information. Writing Center.

4-Year Colleges	Programs

Berkeley College Woodland Park, NJ New York, NY	• Accounting • Business Administration • Fashion Marketing & Management • Financial Services • Health Services Management • International Business • Justice Studies • Legal Studies • Management • Marketing Communications
Centenary College Hackettstown, NJ	Human Services
Fairleigh Dickinson University - Madison, NJ	• Graphic Design • Film and Animation
East Stroudsburg University East Stroudsburg, PA	• Business Management • History • Human Services • Psychology • Political Science • Social Work
Felician University Lodi, NJ	• Business Administration • Education
John J College of Criminal Justice Manhattan NY	• Criminal Justice
Marywood University Scranton, PA	Graphic Design
Montclair State University Montclair, NJ	• Biochemistry • Biology • Chemistry • Environmental Science • Marine Biology & Coastal Science • Molecular Biology
New Jersey Institute of Technology Newark, NJ	• Business Administration • Computer Science • Information Systems
Ramapo College Mahwah, NJ	• Chemistry • Human Services • Mathematics
Rutgers University-Newark Newark, NJ	Human Services
Suny Cobleskill	• Agricultural Business Management • Plant Science
William Paterson University Wayne, NJ	• Accounting • Biology-General • Biology Ecology • Biology/Physiology/Behavior • Biotechnology • Chemistry • Computer Science

- Criminal Justice
- Criminology
- Economics
- Education
- Environmental Science
- Finance
- Financial Planning
- Global Business
- Management
- Marketing
- Mathematics
- Professional Sales

Writing Center

The [Writing Center](#) offers free sessions with peer writing tutors to discuss all aspects of the writing process, from brainstorming to composition and revising/editing skills. Writers at any level are encouraged to develop their ideas and engage in interactive discussions about their writing.

Admissions & Registration

- Admissions
- Registration

Financial Aid and Tuition

The following information is for the 2020-2021 academic year. Sussex County Community College reserves the right to change the tuition and fees for subsequent semesters.

- Tuition
- Fees
- Financial Aid

Student Services

- [Advising and Counseling Center](#)
- [Athletics](#)
- [Campus Life Center](#)
- [Learning Resources](#)
- [Online Tools for Students](#)
- [Students Rights and Responsibilities](#)
- [Textbooks](#)
- [Veterans Affairs](#)

The Office of Student Services coordinates the delivery of outstanding services and activities which enhance a student's academic experience. Services include Athletics, Campus Life, Advising and Counseling Center, Financial Aid, Disabilities Program, EOF, Testing Services, International Students, Adult Basic Education Program and Veterans Services.

Advising and Counseling Center

Administration (B) Building • 973.300.2207

The Center provides a supportive and professional environment promoting the exploration and development of individual strengths that encourage academic success and personal growth.

The Center is dedicated to furthering the educational mission of Sussex County Community College by assisting students to be

academically successful. Take advantage of the knowledge and resources available at the Advising and Counseling Center. Students can take advantage of:

Academic Planning and Advising

Academic Planning and Advising is an essential part of a student's education and goal planning.

- Explore programs of study
- Select a program that matches your professional goals and creating an academic plan
- Choose the right courses each semester
- Find the services and support needed

Students should seek advisement in advance of the upcoming registration dates. Advising is ongoing and students should connect with their advisor to map out their academic plan early.

Following the Program Course Sequencing will help students to keep track of which courses they have taken and which courses are still required. Program Course Sequencing are available on the Colleges website under Academics, as well as in the Advising and Counseling Center.

The Center provides a supportive and professional environment promoting the exploration and development of individual strengths that encourage academic success and personal growth.

The Center is dedicated to furthering the educational mission of Sussex by assisting students to be academically successful.

Students can get assistance with:

Career Exploration

Finding a career path is a process that requires self-awareness and self-assessment. The Advising & Counseling Center can assist students with career exploration to help identify a career path and the occupations and majors in that path.

Personal Counseling

Short-term personal counseling is available to assist students in addressing non-academic problems that can adversely impact their ability to achieve personal and academic growth. All personal Sussex counseling sessions are confidential and free.

Relationship issues, anxiety, concern over alcohol or drug abuse and abusive situations are examples of the kinds of issues addressed. Referrals to community services or private practitioners may be made. ULifeline, a web-based mental health site, is available at www.ulifeline.org/schools/sccc. Counselors abide by the Code of Ethics for the American Counseling Association and the National Association of Social Workers.

Transfer Counseling

Transfer information, including applications, transfer articulation agreements, catalogs and videos, transfer scholarships, and internet access to U.S. college sites, is available in the Advising and Counseling Center. Transfer Fairs of tri-state four-year colleges and universities are held on campus. Local colleges provide Instant Decision Transfer Days on our campus. Counselors use njtransfer.org, a web-based articulation system, for transfer within NJ.

Students should work closely with their counselor to ensure they are following the guidelines of the NJ Statewide Transfer Agreement.

Athletics

Academic and Athletic (E) Building • 973.300.2230
Nickname: Skylanders

Sussex County Community College enhances the academic college experience with a wide array of extracurricular activities including a competitive intercollegiate athletics program. SCCC's intercollegiate sports include:

Fall:	Men's and Women's Soccer, Football
Winter:	Men's and Women's Basketball, Wrestling
Spring:	Baseball, Men's and Women's Lacrosse & Softball

Other:	ESports

Sussex offers scholarship opportunities for participation in the Women's Soccer program and Men's Baseball. Sussex also offers Intramural programs based on student interest.

The College is a member of the National Junior College Athletic Association (NJCAA) and the Garden State Athletic Conference (GSAC). Athletic participation eligibility is determined by the NJCAA and adopted by the GSAC. The College adheres to all the rules set forth by the NJCAA and the GSAC.

The Campus Fitness Center is open Monday-Friday, 8am to 9 pm.

Campus Life Center

Student Center (D) Building • 973.300.2200

We believe that co-curricular learning ensures student success and we work hard to deliver quality programming for all students.

Throughout the year the Office of Campus Life offers leadership opportunities and plans events to meet the recreational, cultural and social interests of students. These activities include Broadway shows, dance performances, art exhibits, concerts and lectures. Most of these events are offered for free or at reduced prices to students.

Student Ambassadors

Selected students represent the College as Student Ambassadors. Applications for the Student Ambassador Program are available in the Office of Campus Life located in the Student Center (D) Building. Ambassadors are selected based upon their academic performance and commitment to Sussex. They serve the College in recruitment and public relations activities. They also conduct campus tours and provide assistance at various college events and activities. Ambassadors are awarded tuition aid for their service to the College.

Student Clubs and Organizations

Student clubs and organizations are a major part of campus life at SCCC. The College encourages the active formation of and participation in departmental and/or interest clubs and organizations. Campus clubs will be chartered by the Student Government Association and approved by the Senior Vice President of Academic & Student Affairs. Clubs are organized by and for students. A complete listing of student clubs and organizations is posted online at sussex.edu/campuslife.

Student Government Association (SGA)

The SGA is a formal student group which provides the College with input on the college experience and is committed to enriching the campus life at Sussex. All enrolled students at Sussex are members of the SGA and have the rights, privileges and responsibilities as set forth in the by-laws. SGA meetings are open to all students and are typically held on the 1st Thursday of every month during College Hour from 10:50 am-12:05 pm.

Student Publications

The College Hill is SCCC's online student newspaper. *The College Hill* is committed to providing a vehicle for the exchange of ideas, opinions and perspectives about events and activities affecting Sussex students. *The College Hill* is available at: sussex.edu/collegehillnews.

Learning Resources

The College's Learning Resources are designed to enhance the pursuit of academic excellence for the entire College community. This is accomplished through a variety of special programs and services.

ABE/HSE Study Programs

973.300.2158

The ABE/HSE program provides individualized instruction tailored to the specific needs of each student and designed to improve skills in reading, writing, math, social studies and science. Students have the opportunity to increase their basic skills in these academic areas and to continue learning more advanced skills in order to prepare for the High School Equivalency (HSE) Exam. Assistance is also provided to connect students with information and resources for college enrollment, workforce development, employment and training services.

Disabilities Assistance Program (DAP)

973.300.2153

The Disabilities Assistance Program provides services for students who require academic and facilities accommodations to fulfill their higher education goals. The Disabilities Coordinator/ Advisor works with academic departments and student services offices to engage and support the intellectual and social development of students with disabilities.

English for Speakers of Other Languages (ESOL)

Administration Building I 973.300.2157

Non-native speakers of English will find a variety of courses in our program designed to fit the needs of English language learners in achieving academic, career, and personal goals.

Incoming students meet personally with the program coordinator and are administered the Accuplacer for ESOL to assure proper placement.

Academic ESOL classes in grammar, writing, reading and vocabulary development, and listening and speaking are offered in beginner, intermediate, and advanced levels. Students are taught in small groups to enhance the learning experience and focus on preparing for transition into college courses.

The ESOL program also offers free life skills English classes in "American Language and Civics" in four levels; literacy, beginner, intermediate, and advanced.

Tutoring

Tutoring is offered in all levels of math and science. Tutoring is offered in the College Library. Additional tutoring resources may be found at the Writing Center in the Student Center and in Degree Up in the Academic/Athletic Bldg. Schedules for tutoring are posted online at sussex.edu/tutoring.

Online Tools for Students

Student Email - All registered students are issued an official Sussex email account. The account details are sent to new students in the mail prior to the start of the semester. All College communication including messages from faculty will be sent to the college issued email address.

Student Portal: my.sussex.edu - The student portal is a password protected student website where Sussex students can view grades, unofficial transcripts, schedules and financial aid records. Students can also register for classes and pay tuition through the portal.

Regroup Alert - Sussex utilizes a broadcast alerting service, Regroup Alert, to communicate timely information to students, faculty, staff and other members of the campus community by sending text alerts, email and/or recorded voice messages to participating students, faculty and staff. Sign up is required by the individual.

Pay Online and E-refund - Students are encouraged to pay tuition online with their student assigned ID and password. There is an interest-free payment plan for the spring and fall semesters. E-refund offers a convenient way for students to receive electronic refund checks back into their bank account.

Distance Learning Site - All students enrolled in online and blended (hybrid) classes will use this site for communication with instructors.

Students Rights and Responsibilities

The central functions of an academic community are learning, teaching, research and scholarship. By accepting membership in the College, an individual joins a community ideally characterized by free inquiry, intellectual honesty, respect for the dignity of others and openness to constructive change. The rights and responsibilities exercised within the community must be compatible with these qualities.

The College places emphasis upon certain values which are essential to its nature as an academic community. Among these are freedom from personal force and violence and freedom of movement. Interference with any of these freedoms must be regarded as a serious violation of the personal rights upon which the community is based. Furthermore, the administrative processes and activities of the College cannot be ends in themselves, as such functions are vital to the orderly pursuit of the work of all members of the College. Therefore, interference with members of the College in performance of their normal duties and activities must be regarded as unacceptable obstruction of the essential processes of the College. Theft or willful destruction of the property of the College or its members must also be considered an unacceptable violation of the rights of individuals or the community as a whole. Physical violence or the threat of same is also considered to be an unacceptable violation of rights.

Moreover, it is the responsibility of all members of the academic community to maintain an atmosphere in which violations of rights are unlikely to occur.

All students accepted at Sussex County Community College acknowledge with their enrollment an obligation to abide by the College regulations and policies as established by the Board of Trustees, by the faculty and administration of the College.

Students are responsible for their own actions and are expected to maintain the highest standard of conduct at all times and in all places. Each must, of course, respect the rights and privileges of all instructors and other students.

The essential and unavoidable condition of the mutual commitment to personal and academic integrity must be respected at all times and in all situations. Implicit in this mandate is the expectation that all work submitted by the student as his/her own is the result of independent effort. Any attempt to plagiarize or copy another's work, during examinations or in class work, will render the record of the student suspect and may warrant academic penalty or other disciplinary action.

The College reserves the right to dismiss any student whose continued attendance, in the judgment of the administration, is detrimental to the College or its students. Rules and regulations pertaining to student behavior are provided in the Student Code of Conduct which is appended to this statement.

Furthermore, Sussex County Community College respects the rights of students in its firm commitment to a policy of Equal Opportunity and Affirmative Action and will implement this policy to assure that the benefits, services, activities, programs and employment opportunities offered by this institution are available to all persons regardless of race, religion, color, national origin, ancestry, sex, handicap, marital or veteran status and in accordance with state and federal laws: Title VI, Title VII, Civil Rights Act of 1964; Executive order 11246, as amended; Title IX, Educational Amendments of 1972; section 503 and 504, ehabilitation Act of 1973, as amended; Veterans Assistance Act of 1972 as amended.

Sussex County Community College also respects the rights of students in its firm commitment to the provisions of the Federal Family Educational Rights and Privacy Act of 1974 (FERPA) which gives students the right to inspect educational records maintained about them by the College, the right to a hearing to challenge the contents of these records and the right to make explanation for challenged information. The College will maintain the confidentiality of student records except with respect to those special cases noted in the legislation.

Finally, all students at Sussex County Community College have attendant financial rights and responsibilities.

Students have the following financial rights:

1. To know what financial aid programs are available at the school;
2. To know the deadlines for submitting applications for each of the financial aid programs;
3. To know how financial aid is distributed; how distribution decisions are made and the basis for these decisions;
4. To know how the financial need was determined, including how costs for tuition and fees, room and board, travel, books and supplies, personal and miscellaneous expenses, etc., are considered in student budgets;
5. To know what resources (such as parental contribution, other financial aid, student's assets, etc.) were considered in the calculation of their needs;
6. To know how much of the financial need as determined by the institution has been met;
7. To request an explanation of the various programs in the student aid package;
8. To know the school's refund policy;
9. To know what portion of the financial aid received must be repaid and what portion is grant aid. If the aid is a loan, students have the right to know what the interest rate is, the total amount that must be repaid, the payback procedures, the length of time available to repay the loan and when repayment begins;

10. To know how the school determines whether students are making satisfactory progress and what happens if they are not.

Students have the following responsibilities:

1. To complete all application forms accurately and submit them on time to the appropriate office.
2. To provide correct information. In most instances misreporting information on financial aid application forms is a violation of law and may be considered a criminal offense which could result in indictment under the U.S. Criminal Code.
3. To return all additional documentation, verification, corrections and/or new information requested by either the Financial Aid Office or the agency to which the application was submitted;
4. To read and understand all forms they are asked to sign;
5. To accept responsibility for all agreements they sign;
6. To perform the work agreed upon when accepting a college work-study award;
7. To be aware of and comply with deadlines for application or reapplication for aid;
8. To be aware of the school's refund procedures;
9. To consider this information carefully before deciding to attend a school. All schools must provide information to prospective students about the schools' programs and performance.

Textbooks

Textbooks can be ordered from the eCampus online store. sussex.edu/campus-store.

Veterans Affairs

Student Center (D) Building D110B • 973.300.2109

The Veterans Services Coordinator is available to assist veterans and their dependents in the application and processing of requests for veterans' benefits and to provide support and resources in the transition to civilian and campus life.

A Veterans Resource Center and lounge, the Student Veterans Organization (SVO), SALUTE - the national honor society for veterans are some the of services offered. Contact the Veterans Services Coordinator at (973) 300-2109. Information on the Post 911/GI BILL® is also available at https://www.benefits.va.gov/gibill/post911_gibill.asp

Academic Requirements

- Developmental Studies
- General Education Requirements

Academic Policies

- Academic Fresh Start
- Academic Integrity
- Academic Probation
- Attendance
- Life/Work Experience Credit
- Dean's List
- Grading
- Grade Appeal

Academic Fresh Start

The Academic Fresh Start program is designed for students who attended SCCC, compiled an unsuccessful academic record, and subsequently left the College for an extended period of time. As a result of their work experience, maturity, or new interests, these student may now wish to return to college to pursue a program of student towards a degree.

Academic Fresh Start allows students tor restore their academic standing at Sussex by eliminating the previous academic credit from their Cumulative Grade Point Average (CGPA). Contact the Registrar's Office for additional information and the forms necessary to apply for the Academic Fresh Start program.

Academic Integrity

Students are required to perform all of the work specified by faculty and are responsible for the content and integrity of all academic work submitted, including term papers, reports and examinations. A student will be guilty of violating the Rule of Academic Integrity if he or she knowingly represents the work of others as his or her own, or if he or she uses or obtains unauthorized assistance in any academic work.

Cheating on examinations, through use of unauthorized aids or inappropriate resources, is forbidden. In addition, plagiarism or the unattributed use of another's words or ideas, through either direct appropriation or paraphrase, is a serious breach of academic standards. Students have an obligation to exhibit honesty in carrying out their academic assignments. They may be penalized by the following: written warnings and/or assignment of an "F" grade for the assignment/test or for the course. If the student is found guilty in more than one case, he or she may be dismissed from the College.

Academic Probation

Students who after 6 credits have a grade point average (GPA) that falls below 2.0 are placed on academic probation and are informed in writing of their probation status. Students pre-registered for a succeeding semester, will be notified to make an appointment with a Counselor in the Advising and Counseling Center. Failure to comply may result in cancellation of a student's existing course registration(s). Students may be required to take a reduced course load based on their level of probation.

It is the prerogative of the Academic Probation Committee to place special requirements and restrictions on the student in the succeeding semester. Such conditions may include, but are not limited to, not holding office in a student organization or participating in intercollegiate athletic functions. Students will be monitored and offered guidance and support in making satisfactory academic progress. The student has the right to appeal the decision of the Academic Probation committee.

Attendance

At Sussex, class attendance and academic achievement are recognized as being interrelated. Attendance in class is not used solely as a basis for grade determination; however, lectures, assignments, tests and class participation missed or inadequately made up as a result of class absences will jeopardize a student's grade.

- Students are expected to attend all classes and to adhere to the written requirements and consequences of nonattendance outlined in the syllabi of each instructor. Faculty are required to keep attendance records.
- Faculty are required to state their attendance requirements on their course outlines.
- While it is the responsibility of the student to notify the instructor after the student's first absence, the instructor may personally contact the student to discuss the effect of the absence and possible subsequent absences, on the successful completion of the course.
- If subsequent absences do occur, it is the student's responsibility to contact the instructor for guidance in completing missed work.
- The instructor determines if an absence is valid and if a student may complete missed assignments. If the absence is not valid or if work is made up without prior discussion with the instructor, said work may not be accepted.

Life/Work Experience Credit

Students who wish to receive college credit for life/work experience have the option of completing an official Application for Life/Work Experience Credit. The student must then meet with a Division Dean to receive approval to prepare a portfolio for evaluation. The portfolio will be evaluated by either the Division Dean, or their designee; with final approval for credit from the Senior Vice President of Academic & Student Affairs.

The student will be responsible to pay half the tuition for the course credits when they submit their portfolio. The initial application is found in the Student Advising and Counseling Center. Following the transfer credit policy, a student may only earn a maximum of half the credits towards a degree or certificate though life/work experience. The student is also responsible for recording fees.

Dean's List

Sussex County Community College acknowledges outstanding academic achievement of full-time students on a semester basis and the cumulative achievement of part-time students through the Dean's List designation (fall and spring semesters only).

Eligibility

1. Full-time students earning 12 or more college credits during the fall or spring semesters.
2. Part-time students having cumulatively earned 12 or more college credits in a fall or spring semester and thereafter upon completion of each additional cluster of 12 or more credits.

Academic Requirements

1. A semester grade point average of 3.5 for full-time students (based upon earned credit hours).
2. A cumulative grade point average of 3.5 for part-time students (based upon earned clusters of 12 or more credits)

Grading

Letter grades are given to students and posted to each student's transcript at the end of each semester. A grade represents an instructor's evaluation of a student's academic performance in a course and is determined by examinations and other criteria established by the College and the individual instructor. All grades are recorded on the individual transcript and remain as such unless revised and/or removed by action following from the College's Student Appeal of Grades Policy. (See Appeal of Grades.)

Grades are posted on the my.sussex.edu portal at the completion of each semester.

Grades Counted in the Grade Point Average (GPA)

Grade	Interpretation	Points
A	Excellent	4.0
B+	Very Good	3.5
B	Good	3.0
C+	Above Average	2.5
C	Average	2.0
D	Poor	1.0
F	Fail	0.0
FN	Fail no-show	0.0

Grades not counted in the GPA

Grade	Interpretation	Points
AI	Excellent	0
BI+	Very Good	0
BI	Good	0
CI+	Above Average	0
CI	Average	0
RI	Repeat	0
FI	Insufficient	0
FNI	Fail no-show	0
II	Incomplete	0
AU	Audit	0
I	Incomplete	0
IP	In Progress	0
W	Approved Withdrawal	0

Letter grades AI through FI represent institutional credit. Institutional credits do not count in the grade point average, nor do they fulfill graduation requirements. Students who earn a grade of AI-CI in developmental courses are eligible to move to the next course in the sequence or to the next level.

How to Calculate a Grade Point Average

The calculation of a grade point average is a simple mathematical process. Quality points earned, QP, also known as "grade points," are divided by the student's quality credits attempted.

Quality Points

Quality points (QP) earned are determined by multiplying the quality credits attempted of a course by the numerical value of the grade. For example, a "B" received in a three-credit course would yield nine quality points (3 x 3 = 9). When calculating quality points earned, some courses are excluded from the process. Transfer credits and grades received for exams (CLEP, AP, etc.) as well as grades for "IC" (institutional credit) courses are not counted.

Course	Credits Attempted	Quality Credits Attempted	Grade	Value of Points	QP Earned	GPA

Math	3	3	B	3	9	
Literature	3	3	F*	0	0	
Chemistry	4	4	A	4	16	
History	3	3	B	3	9	
Basic Algebra	0(3IC**0	0	BI	0	0	
Total	13	13			34	2.62

Grade Point Average = Quality Points Earned (34) divided by Quality Credits Attempted (13) = 2.62

* "F" points are counted as credits attempted but produce "0" quality points

** "IC" courses (Institutional Credits) are counted neither in quality credits attempted nor as quality points.

Quality Credits Attempted

Quality Credits Attempted (Q Cr. Attempted) consists of all the college credits attempted by a student (including those failed, but not the exclusions above).

Example: (GPA = QP Earned/Q Credits Attempted); Grade Point Average = Quality Points Earned (34) divided by Quality Credits Attempted (13) = 2.62

Grade Appeal

Educational institutions have the responsibility for evaluating students by standards and a grading system which is publicized and known to instructors and students. The responsibility for determining the final grade of each student rests with the faculty member who has responsibility for teaching the course in which the student is responsible for demonstrating the learning which results in a final grade. A student who feels that the final grade he/she received in the class is unfair is entitled to an appeal.

Any student pursuing a grade appeal must follow the procedure outlined below. Students are responsible for taking action within the procedural time line. Faculty secretaries are available to address student questions regarding the procedure. Grade appeals not following this procedure are not eligible for review.

Step One: The student must understand the policy and complete the appropriate form stating the exact nature of the appeal within two weeks from the end of the semester.

Step Two: The instructor must read the appeal, meet with the student and grant or deny the student's request.

Step Three: (a) If the professor is an adjunct or part-time instructor, the appropriate Program Coordinator or Department Chair must hear the appeal and attempt to resolve the problem. If no solution is reached, the appeal may be forwarded to the appropriate Division Dean whose decision is final.

OR

Step Three: (b) If the professor is a full-time instructor, the Division Dean must hear the appeal and attempt to resolve the problem within five days of the start of the next semester. The decision of the Division Dean is considered final.

Auditing

Students may choose to enroll in a course on an audit basis with the understanding that neither a grade nor credits can be assigned to the course(s) selected for audit. Audit status must be declared in the Registrar's Office by the tenth day of the semester. Students attempting to audit a course shall have satisfied all prerequisite requirements for that course on a credit basis unless they obtain a prerequisite waiver from the appropriate division dean or department chair. In those cases where no prerequisite is required, student requesting to audit a course must have obtained a satisfactory score on the appropriate placement test or present a one-course waiver from the Advising and Counseling Center exempting them from the placement test for the course selected for audit.

All standard tuition and fees are charged for courses audited. Senior citizens registering for credit courses on an audit basis will be charged tuition according to New Jersey statutory law. Students may not change from credit to audit status or from audit to credit status after the tenth day of the semester.

Audited courses appear on the student's transcript with a grade of "AU" and do not satisfy prerequisite requirements or indicate mastery of the subject material. Additionally, courses taken on an audit basis are not approved for veterans training, for financial aid or tuition waivers (with the exception of Sussex employees electing to audit a class as part of the standard tuition waiver benefit). Forms requesting a change from credit to audit and vice versa are available in the Registrar's Office.

Faculty members who are in charge of the course being audited shall be responsible for determining the extent to which auditing

students participate in class assignments and other activities.

Incomplete Grades

An incomplete grade "I," may be given at the initiation of a student and at the discretion of the faculty, only to students who have completed at least 80% of the required coursework with a grade of "C" or better. No "I" grade may be given without the submission of the signed form.

The completion date is determined by the instructor, but in no case may the date exceed February 15th for grades issued in fall and Winter semesters or terms and September 30th for grades issued in spring and summer semester or terms. After the deadline, if the "I" has not been changed by the instructor, the original "I" will be recorded as an "F."

Repeat Courses

Students may repeat courses in order to improve grade point averages. In a repeated course, the highest grade is calculated in the grade point average and appears on the transcript as "repeated course." All instances of repeated courses and grades remain on the transcript, however, credit will be awarded only once.

A course may be repeated twice, i.e., an initial registration plus two repeats for a total of three. Should a student attempt to repeat a course a third time (4th registration), he or she will be barred from registration except as noted: Special Topics, Chorus and English for Speakers of Other Languages. In the event a course is retired and a replacement course designated, the repeat logic will apply to the designated replacement course.

In the event a course is retired and a replacement course not designated, the student will lose the repeat option. Students may appeal this policy in writing to the Interim Assistant Vice President of Academic Affairs.

Satisfactory Academic Standing

To be classified as a student in satisfactory academic standing, any student, whether full-time or part-time, matriculated or non-matriculated, must maintain a grade point average of 2.0 or above.

Community Education & Activities

- Alumni Association
- Art Gallery
- Betty June Silconas Poetry Center
- EDTV, Channel 20
- Foundation
- Public Safety Training Academy
- Radio Station - WRSK LP 97.5 FM
- Teen Arts

Sussex offers Community Education and Activities to provide a variety of quality, relevant and essential educational programs to individuals, businesses and the community to help fulfill employer training needs, as well as individual career and/or personal training. Additional services include the Lace Program, NJ Small Business Development Center, NJBIA & NJCCC Workforce Development, Rider Education, Senior Life Center and Senior Walking.

Alumni Association

The Sussex Alumni Association exists to advance and promote the educational resources of the College and to provide opportunities for alumni to participate in various aspects of the campus community. All students who have completed 30 credits or more are eligible to become members. Events, fund raisers and meetings are posted on the College website or by calling 973.300.2121

Art Gallery

Art work from faculty, students and area artists is featured throughout the year in the Art Gallery, Building C, and in the Atrium of the Performing Arts Center. The schedule of shows is presented with the Performing Arts schedule and posted online.

Betty June Silconas Poetry Center

The Betty June Silconas Poetry Center (BJS) honors the memory of Betty June Silconas, a Sparta resident, who celebrated life in her poems. The joy and love she had for family, friends, and her home are evident in her work. Ms. Silconas never sought to be recognized. She wrote for the bliss she experienced as she chronicled the events in her life: seasons, celebrations, and her spirituality. Thanks to a generous donation from her family, the Center is a place where anyone can come to read and write poetry. Sponsored events such as readings and workshops are also held.

EDTV, Channel 20

Sussex hosts a local educational access television station on cable through the facilities of Service Electric Cable TV. EDTV provides educational programming, course support, college and high school programs, sports and local programming of community interest. Sussex broadcast students help support the programming and gain valuable experience in their field of interest.

Foundation

The College Foundation enhances the College's mission of providing educational excellence and cultural opportunities to the residents of Sussex County and beyond. The Foundation supports this mission through fund-raising and friendraising efforts on the College's behalf. Funds are generated through annual giving campaigns, special events, and direct contributions. The funds raised support student scholarships, infrastructure, and expansion.

Scholarships are available for the fall and spring semesters. The timeframe and process is posted on the website and applications can be submitted online.

Scholarships

The Advising and Counseling Center has information available on local, national and transfer scholarships. Internet access to specific scholarship sites is also available. The College Foundation maintains a number of locally endowed and in-house scholarships that are designed to assist qualified students with the cost of attending Sussex. These Foundation Scholarship applications are available online at sussex.edu/scholarships.

Public Safety Training Academy

Sussex County Public Safety Training Academy (PSTA) is located 5 miles from the SCCC's main campus in Frankford Twp. The Academy offers relevant, quality training, educational programs and opportunities to the fire service, law enforcement, emergency medical personnel, government employees and the general public in all aspects of public safety.

The facility is accredited by the State Division of Fire Safety to deliver state fire service courses and is also licensed for live burns and various simulators by the Division. The Fire Service trains over 1500 people annually in courses such as Firefighter 1, Firefighter 2, Firefighter 3, Strategies & Tactics and Incident Management, as well as other state & federally approved courses. It is also the hub for police service training as well as HAZMAT and Special Operations training and EMT Training.

The Academy also trains local businesses and institutions in various types of fire safety both at the Academy and at the employer's location. A Summer Fire Academy is held July for high school students, as well as an antique fire truck show in October.

Radio Station - WRSK LP 97.5 FM

The College offers listeners a College Radio Station that is broadcasted from the College campus. WRSK LP 97.5 FM, Radio Skylanders is the home for Cruzin Oldies, the voice of Sussex County Community College.

Teen Arts

SCCC hosts the annual Teen Arts Festival every spring featuring works from area Middle and High School Students. Works are displayed throughout the campus.

Programs Offered (A to Z)

3D Computer Arts Option, A.A.S. - Graphic Design

This program is designed to prepare students for entry-level positions in the game and graphics industry. Studio-intensive courses include the rapidly advancing technology of computer graphics and a wide spectrum of digital visual media including 3-D modeling and animation, texture and lighting, compositing, digital film and video effects, and creating graphics for the Internet utilizing industry-standard software. Graduates will have the introductions necessary to consider careers in graphic design, 2-D conceptual art, 3-D character building, 3-D object modeling, 2-D texture art, or interactive design.

Approximately one-half of all program graduates go on to complete a baccalaureate degree in game art, animation, graphic design, film, video, or illustration.

Upon completion of this program, graduates will be able to:

- Analyze the history of visual culture and design theory, and apply historical relevance in the context of modern industry issues and trends.
- Conceptualize, design, and plan animated works while exercising store development and artistic techniques.
- Execute technical, aesthetic, and conceptual decisions based on understanding the functions of traditional design and computer-based graphics.
- Use the principle techniques of 3-D modeling and animation for content related to film and game design.
- Collaborate with diverse teams of creative contributors, production personnel, and clients while working with creative constraints and deadlines.
- Produce a professional portfolio of representative projects.
- Apply knowledge of intellectual property issues.
- Introduction to a career in various industries including game art, illustration, video, film web, desktop publishing, and advertising.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- GRAD 101 - Design I **Credits: 3**
- GRAD 105 - Vector Graphics & Page Design **Credits: 3**
- GRAD 153 - Character Design **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- MAST 000 - Math/Science/Technology Gen Ed Requirement **Credits: 3**
- ARTA 103 - Art History I **Credits: 3**
- GRAD 107 - Drawing for Designers **Credits: 3**
- GRAD 128 - Digital Imagery & Editing **Credits: 3**
- GRAD 158 - 3D Modeling **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ENGL 201 - Effective Speaking **Credits: 3**
- ARTA 104 - Art History II **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- GRAD 162 - Character Modeling in 3D **Credits: 3**
- GRAD 163 - 3D Environments **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- GRAD 164 - Character Animation in 3D **Credits: 3**
- GRAD 202 - 3D Level Design **Credits: 3**
- GRAD 235 - Video and Motion Graphics **Credits: 3**
- GRAD 282 - Portfolio/Demo Reel Preparation and Presentation **Credits: 2**
- GRAD 283 - 3D Computer Arts Internship **Credits: 1**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Math, Science, Technology, Humanities, and Social Science Gen Ed Requirement

Choose from the list of approved General Education courses in the College catalog.

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Accounting, A.S.

This program is designed primarily for students who wish to pursue a baccalaureate degree in accounting or finance at a four-year institution. Graduates of this program have also successfully entered the workplace in a variety of entry-level accounting-related positions. The program offers not only an extensive background in accounting but also a strong fundamental knowledge of the major functions of business and industry.

Upon completion of this program, graduates will be able to:

- Demonstrate knowledge of generally accepted accounting principles (GAAP).
- Describe and implement all the steps in the accounting cycle.
- Construct and interpret basic financial statements (balance sheets, income statements, the statement of cash flow, etc.).
- Identify and develop effective internal control systems.
- Identify unethical accounting practices and describe the basic aspects of the Sarbane-Oxley Act as related to ethical accounting practices.
- Utilize computer spreadsheet programs to record various types of accounting information and perform basic day-to-day accounting operations.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- ACCT 101 - Accounting Princ. I Financial **Credits: 3**
- BUSA 101 - Intro. to Business **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
- ACCT 102 - Accounting Princ. II Managerial **Credits: 3**
- ECON 101 - Macroeconomics **Credits: 3**
- BUSA 205 - Business Law I **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

  - LSCI 000 - Science Gen Ed Requirement **Credits: 3**
  - MATH 900 - Math Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- ACCT 107 - Computerized Accounting **Credits: 3** (FA)
  - ACCT 000 - Program Elective **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- MATH 900 - Math Gen Ed Requirement **Credits: 3**
- ACCT 000 - Program Elective **Credits: 3**
- GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- ACCT 000 - Program Elective **Credits: 3**
- GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Science General Education Courses (Recommended)

Recommended courses are listed below but students can also choose from the list of approved General Education courses in the College catalog.

- BIOS 101 - General Biology **Credits: 4**
- BIOS 122 - Intro. to Environmental Science **Credits: 4**
- PHYS 107 - Introductory Meteorology **Credits: 4**

Humanities and Social Science General Education Courses

Choose from the list of approved courses in the College catalog.

MATH General Education Courses

Take two in sequence

- MATH 110 - Pre-Calculus I **Credits: 3**
- MATH 111 - Business Calculus **Credits: 3**
- MATH 112 - Pre-Calculus II **Credits: 3**
- MATH 113 - Calculus I **Credits: 4**
- MATH 114 - Calculus II **Credits: 4**

Accounting Program Electives

- ACCT 205 - Payroll Accounting **Credits: 3** (FA)
- BUSA 220 - Principles of Marketing **Credits: 3**
- ECON 102 - Microeconomics **Credits: 3**
- BUSA 190 - Business Applications using Electronic Spreadsheets **Credits: 3** (SP)

Developmental Courses

Sussex has embraced a practice of directed self-choice whereby students are encouraged, through guided conversations with an advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following

math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement.* Students should check with their advisor.

Agricultural Business, A.A.S.

The Associate in Applied Science Degree in Agricultural Business is designed for individuals with a strong interest in occupations that relate to farming, nursery production, landscape design, landscape maintenance, the production of organic fruits and vegetables, and similar agricultural endeavors.

Students interested in operating their own agricultural businesses need some knowledge of standard business practices, business planning, marketing, and supervision in addition to technical skills such as plant propagation, production at scale, greenhouse management, pest control, and related issues.

Upon completion of this program, graduates will be able to:

- Demonstrate proficiency in written and oral skills when communicating about agricultural business topics.
- Demonstrate the ability to analyze agribusiness data in the free market and global economies.
- Demonstrate the ability to retrieve and critically evaluate information from a variety of agribusiness sources.
- Research, develop, organize, and write a business/marketing plan for an agribusiness enterprise.
- Demonstrate readiness for employment in the field of agribusiness.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 104 - Contemporary Mathematics **Credits: 3**
- AGSC 101 - Intro. to Agricultural Science **Credits: 3**
- BIOS 101 - General Biology **Credits: 4**

Total Semester Hours: 16

Winter Session

Spring Semester

- ENGL 125 - Tech. Writing & Communication I **Credits: 3**
- CHEM 100 - Introductory Chemistry **Credits: 4**
- BUSA 101 - Intro. to Business **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 16

Summer Session

Second Year

Fall Semester

- AGSC 107 - Agriculture Pest Control & Mgmt. **Credits: 4** (FA)
- BUSA 211 - Mgmt. & Organizational Behavior **Credits: 3**
- COMS 120 - Computer Software Applications **Credits: 3**
- ECON 102 - Microeconomics **Credits: 3**
  - AGBS 000 - Option Elective **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- AGSC 201 - Agricultural Marketing **Credits: 3** (SP)
- AGSC 240 - Agricultural Science Internship **Credits: 3**
- BUSA 205 - Business Law I **Credits: 3**
  - AGBS 000 - Option Elective **Credits: 3**

Total Semester Hours: 12

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- SPAN 101 - Elementary Spanish I **Credits: 3**
- HUMN 101 - Survey of World Culture I **Credits: 3**

- HUMN 102 - Survey of World Culture II **Credits: 3**
- HIST 105 - U.S. History I **Credits: 3**
- HIST 106 - U.S. History II **Credits: 3**

Option Electives (Recommended)

In addition to the recommended courses students may also choose from any ACCT, BIOS, BUSA, HORT or MATH 108 courses listed in the College catalog.

- ACCT 101 - Accounting Princ. I Financial **Credits: 3**
- BUSA 110 - Business Communications **Credits: 3**
- BIOS 130 - Introduction to Botany **Credits: 4** (FA)
- HORT 102 - Plant Propagation **Credits: 4** (SP)
- HORT 201 - Introduction to Soil Science **Credits: 4** (FA)

Developmental Courses

Sussex has embraced a practice of directed self-choice whereby students are encouraged, through guided conversations with an advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement.* Students should check with their advisor.

Anthropology Option, A.A. - Liberal Arts

The Anthropology Option is primarily designed to prepare students to transfer into the junior year of a baccalaureate degree program in anthropology. In addition, students seeking admission into cultural area studies programs such as African-American Studies, Latina/o Studies, and Women's Studies would receive a solid academic foundation on which to build.

Upon completion of this program, graduates will be able to:

- Demonstrate critical analysis and empathy skills.
- Identify ethical issues in anthropological research.
- Demonstrate an understanding of human origins and past and present cultures.
- Apply classroom knowledge to issues of globalization, human diversity, human ecology, language, and religion.
- View societies from evolutionary and cross-cultural perspectives.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- ANTH 101 - Introduction to Anthropology **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
  - HIST 001 - History Gen Ed Requirement **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ENGL 201 - Effective Speaking **Credits: 3**
- ANTH 120 - Cultural Anthropology **Credits: 3**
  - PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

  - ANTH 110 - Physical Anthropology **Credits: 3**

- - HIST 001 - History Gen Ed Requirement **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
  - ANTH 000 - Anthropology Option Elective **Credits: 3**
- COLL 201 - Capstone for Liberal Arts **Credits: 1**

Total Semester Hours: 14

Summer Session

Total Program Hours: 60

Philosophy and Social Science General Education Courses

Choose from the list of approved courses in the College catalog.

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Humanities General Education courses in the College catalog.

- AMSL 101 - American Sign Language I **Credits: 3**
- AMSL 102 - American Sign Language II **Credits: 3**
- SPAN 101 - Elementary Spanish I **Credits: 3**
  - SPAN 101 - Elementary Spanish I **Credits:** 3

Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Science General Education courses in the College catalog.

- BIOS 101 - General Biology **Credits: 4**
- BIOS 102 - Intro. to Human Biology **Credits: 4**
- BIOS 122 - Intro. to Environmental Science **Credits: 4**
- BIOS 130 - Introduction to Botany **Credits: 4**
- CHEM 100 - Introductory Chemistry **Credits: 4**
- GEOL 110 - Historical Geology **Credits: 4**

History General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved History General Education courses in the College catalog. Must choose a level I & II sequence.

- HIST 101 - Hist of Western Civilization I **Credits: 3**
- HIST 102 - Hist of Western Civilization II **Credits: 3**

Technology General Education Courses

Choose from the list of approved Technology General Education courses in the College catalog.

Anthropology Option Electives (Choose One)

- ANTH 131 - Principles of Archaeology **Credits: 3**
- ANTH 133 - Archaeology Field Methods **Credits: 3**
- ANTH 150 - Magic, Myth & Religion **Credits: 3**

Developmental Courses

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Architecture Design Option, A.F.A. - Studio Arts

The Architecture Design Option develops an understanding and ability to create within the discipline of architecture through the study of art, art history, theory, technology, and studio work. The degree is intended to provide students with the necessary portfolio to transfer seamlessly to a Bachelor of Fine Arts program majoring in Architectural Design.

Upon completion of this program, graduates will be able to:

- Use the techniques, skills, and modern engineering tools necessary for designing a physical structure.
- Analyze the strength and weaknesses of architectural designs in history.
- Examine connections between theory and practice in the field of Architecture
- Design a structure that meets the desired needs within realistic constraints, i.e., economic, environmental, social, political, ethical, health, safety, and sustainability.
- Create a portfolio of hand-drawn and digital drawings.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- ARTA 103 - Art History I **Credits: 3**
  - MATH 900 - Math Gen Ed Requirement **Credits: 3**
  - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- ARTA 108 - Basic Drawing **Credits: 3**
- ARTA 104 - Art History II **Credits: 3**
- ARTA 101 - Basic Design **Credits: 3**
  - ARTA 002 - Studio Art Elective **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

  - MATH 900 - Math Gen Ed Requirement **Credits: 3**
- ARTA 110 - Intro to Color **Credits: 3**
- ARTA 115 - Three Dimensional Design **Credits: 3**
- ARTA 150 - Life Drawing I **Credits: 3**
- COMS 225 - Computer Aided Design **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- SOCA 101 - Intro. to Sociology **Credits: 3**

- DESN 120 - History of Design **Credits: 3**
- PHYS 110 - Physics I **Credits: 4**
- ARTA 262 - Portfolio for Architecture Design **Credits: 2**
  - ARTA 002 - Studio Art Elective **Credits: 3**

Total Semester Hours: 15

Summer Semester

Total Program Hours: 60

Math General Education Requirement Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education Requirements courses in the College catalog.

- MATH 110 - Pre-Calculus I **Credits: 3**
- MATH 112 - Pre-Calculus II **Credits: 3**

Technology Gen Ed Requirement Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- COMS 110 - Computer Concepts & Applications **Credits: 3**

Studio Art Elective

Choose from any ARTA course designations.

Developmental Courses

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Art Education Option, A.F.A. - Studio Arts

Students enrolled in the Art Education Option Program acquire strong knowledge and skills through both Studio Arts and Art Education curricula employing a wide range of 2D and 3D as well as digital and graphic design media and processes. Students gain a conception of art education that integrates art making, art history, visual culture, art criticism, philosophies of art, art education theory, social-justice influences, and community-based artistic engagements. Also addressed in the curriculum are the ways interdisciplinary aspects of art education can affect societal beliefs, values, and behaviors.

Upon completion of this program, graduates will be able to:

- Exhibit a competency to lead visual art activities for children or adults.
- Exhibit knowledge of art history, art curriculum, and program development.
- Demonstrate the ability to design an individualized course of study that explores ways of reaching art students in and through the arts.
- Demonstrate through art education the intrinsic societal value of the visual arts.
- Demonstrate analytical skills and explore relationships of the arts to other sectors in education.
- Create a portfolio of visual art exercises to be used in classes.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- ARTA 103 - Art History I **Credits: 3**
- ARTA 101 - Basic Design **Credits: 3**
  - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- ARTA 104 - Art History II **Credits: 3**
- ARTA 108 - Basic Drawing **Credits: 3**
- ARTA 110 - Intro to Color **Credits: 3**
- EDUC 202 - Historical and Philosophical Patterns in Education **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- PSYC 101 - Introduction to Psychology **Credits: 3**
- ARTA 115 - Three Dimensional Design **Credits: 3**
- ARTA 150 - Life Drawing I **Credits: 3**
- ARTA 175 - Ceramics I **Credits: 3**
- ARTA 180 - Painting I **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- SOCA 101 - Intro. to Sociology **Credits: 3**
- EDUC 286 - Principles & Practices of Teaching as a Profession **Credits: 3**
- PSYC 280 - Educational Psychology **Credits: 3**
- ARTA 260 - Portfolio Development **Credits: 3**
  - ARTA 002 - Studio Art Elective **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Studio Art Elective Courses (Recommended)

Recommended courses listed below but student can also choose from any ARTA, PHOT or ARTA/PHOT designations

- ARTA 135 - Alternative Processes in Photography **Credits: 3**

Technology General Education Courses

Choose from the list of approved General Education courses in the College catalog.

Developmental Courses

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Automotive Service Technology, A.A.S.

This program is designed to meet the demand for trained automotive technicians. The student participates in hands-on experiences in testing, troubleshooting, and repairing automobiles. Learning is reinforced by a work-site cooperative employment experience at a local automotive company.

This program is offered in the evening on a part-time basis only.

Upon completion of this program, graduates will be able to:

- Evaluate, diagnose, and repair various automotive systems.
- Identify specifications related to the inspection, repair, and adjustment of automotive systems.
- Use various test equipment to diagnose and repair defects.
- Apply basic electrical theory using wiring diagrams and schematics to diagnose and repair automotive electrical circuits.
- Explain the operation of, and perform service on automatic and manual transmissions and transaxles, and differentials.
- Analyze defects of automotive air conditioning and climate control systems and identify necessary preventative maintenance or corrective repairs.
- Discuss the theory of alignment, braking, suspension and steering systems, problem diagnosis and correction of braking, suspension, steering, and alignment problems.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- AOTE 101 - Automotive Fundamentals **Credits: 3**
- AOTE 110 - Automotive Electrical Systems **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 201 - Effective Speaking **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
- AOTE 120 - Automotive Brake Systems **Credits: 3**
- AOTE 118 - Auto. Heating & Air Conditioning **Credits: 3**
    - AOTE 000 - Program Elective **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- AOTE 130 - Steering & Suspension Systems **Credits: 3**
- AOTE 203 - Engine Construction, Operation & Service **Credits: 3**
- AOTE 204 - Manual Trans. & Drivelines **Credits: 3**
- AOTE 206 - Auto. Transmissions & Transaxles **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- AOTE 208 - Advanced Automotive Electronics **Credits: 3**
- AOTE 215 - Automotive Engine Performance **Credits: 3**
- AOTE 262 - Service Center Internship **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities or Social Science General Education Courses

Choose from the list of approved Humanities or Social Science courses listed in the College catalog.

Program Electives (Recommended)

Recommended courses listed below but student can also choose from any course with a AOTE, BUSA or COMS designation.

- DESL 102 - Diesel Engines **Credits: 3**
- WELD 110 - Thermal Cutting and Oxyfuel Welding **Credits: 3**
- WELD 101 - Welding Safety **Credits: 1**
- AOTE 261 - Service Center Education Class **Credits: 1**

Developmental Courses

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Automotive Service Technology, Certificate

This program is designed to meet the demand for trained automotive technicians. The student participates in hands-on experiences in testing, troubleshooting and repairing automobiles.

This program is offered in the evening on a part-time basis only.

Upon completion of this program, graduates will be able to:

- Evaluate, diagnose, and repair various automotive systems.
- Identify specifications related to the inspection, repair, and adjustment of automotive systems.
- Use various test equipment to diagnose and repair defects.
- Identify the basic electrical circuits and diagnose automotive electrical systems.

- Apply basic electrical theory using wiring diagrams and schematics to diagnose and repair automotive electrical circuits.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- AOTE 101 - Automotive Fundamentals **Credits: 3**
- AOTE 110 - Automotive Electrical Systems **Credits: 3**

Total Semester Hours: 9

Winter Session

Spring Semester

- AOTE 120 - Automotive Brake Systems **Credits: 3**
- AOTE 208 - Advanced Automotive Electronics **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**

Total Semester Hours: 9

Summer Session

Second Year

Fall Semester

- AOTE 130 - Steering & Suspension Systems **Credits: 3**
- AOTE 203 - Engine Construction, Operation & Service **Credits: 3**
- AOTE 204 - Manual Trans. & Drivelines **Credits: 3**
- AOTE 206 - Auto. Transmissions & Transaxles **Credits: 3**

Total Semester Hours: 12

Winter Session

Spring Semester

- AOTE 118 - Auto. Heating & Air Conditioning **Credits: 3**
- AOTE 215 - Automotive Engine Performance **Credits: 3**

Total Semester Hours: 6

Summer Session

Total Program Hours: 36

Developmental Courses

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Biology Option, A.S. - Science/Mathematics

This program is designed for students who wish to pursue a bachelor's degree at a four-year institution, majoring in Biology or a related science.

According to the National Research Council, students should be able to demonstrate that:

- Science is an evidence-based way of thinking about the natural world and understanding how it operates.
- Science is a process with rules of operation that allow our understanding of the natural world to evolve.
- Science is based on reproducible evidence and observations that contain uncertainties.
- The sciences are related to each other, mathematics, and everyday life.
- Science is driven by globalization, technology, and new instrumentation and measurement tools.
- Scientific meanings of theory and law are different than popular meanings.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 110 - Pre-Calculus I **Credits: 3** *
- BIOS 110 - Biology I **Credits: 4**
- CHEM 110 - College Chemistry I **Credits: 4**

Total Semester Hours: 17

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
- BIOS 112 - Biology II **Credits: 4**
- CHEM 112 - College Chemistry II **Credits: 4**

Total Semester Hours: 14

Summer Session

Second Year

Fall Semester

- BIOS 124 - Ecology **Credits: 4**
- BIOS 130 - Introduction to Botany **Credits: 4**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 14

Winter Session

Spring Semester

- BIOS 210 - Microbiology **Credits: 4**
    - BIOS 000 - Option Elective **Credits: 4**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- COLL 210 - Capstone for Biological and Clinical Sciences **Credits: 1**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

*Students testing higher than MATH 110 on the CLM test may take MATH 111, MATH 112, MATH 113, MATH 114 or MATH 213 to satisfy this math requirement.

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- HUMN 101 - Survey of World Culture I **Credits: 3**
- HUMN 102 - Survey of World Culture II **Credits: 3**
- PHIL 205 - Contemporary Ethical Issues **Credits: 3**
- AMSL 101 - American Sign Language I **Credits: 3**
- SPAN 101 - Elementary Spanish I **Credits: 3**
- HIST 102 - Hist of Western Civilization II **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- ANTH 101 - Introduction to Anthropology **Credits: 3**
- POLS 101 - Intro. to Political Science **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Option Electives (Recommended)

Recommended courses listed below but student can also choose from the list of approved Biology Elective courses in the College catalog.

- BIOS 102 - Intro. to Human Biology **Credits: 4**
- BIOS 122 - Intro. to Environmental Science **Credits: 4**
- CHEM 107 - Forensic Science **Credits: 4**
- HORT 102 - Plant Propagation **Credits: 4**

- PHYS 110 - Physics I **Credits: 4**

Developmental Courses

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Bookkeeping, C.O.A.

This certificate is structured to build upon required prior coursework in financial and managerial accounting principles including computerized accounting and payroll accounting. Business applications using electronic spreadsheets will also be reviewed. The program will prepare students for entry-level bookkeeping positions and for positions as accounts receivable or accounts payable clerks.

First Year

Summer Session I

- ACCT 101 - Accounting Princ. I Financial **Credits: 3**

Total Semester Hours: 3

Winter Session

Fall Semester

- ACCT 102 - Accounting Princ. II Managerial **Credits: 3**
- ACCT 107 - Computerized Accounting **Credits: 3**
- ACCT 205 - Payroll Accounting **Credits: 3**

Total Semester Hours: 9

Spring Semester

- BUSA 190 - Business Applications using Electronic Spreadsheets **Credits: 3**

Total Semester Hours 3

Building Construction Technology Option, A.A.S. - Technical Studies

The Building Construction Technology Program is designed to provide students with the hands-on practice skills and training necessary to obtain employment in the Building Construction Industry. The program prepares students in leadership and planning, technical knowledge and emerging technologies, creative problem-solving sustainable practices, and ethical principles to successfully achieve academic and professional goals.

Upon completion of this program, graduates will be able to:

- Interpret and apply appropriate building and structural codes to industry standards.
- Interpret construction documents, blueprints, schematics, and sketches.
- Communicate information effectively, in both verbal and written forms.
- Demonstrate effective problem-solving skills based on knowledge and practice.
- Understand, integrate, and apply construction knowledge and skills professionally.
- Demonstrate professionalism with attitude, conduct and ethical work practices.
- Communicate skillfully with other industry professionals involved in the construction process.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
- BCST 101 - Intro. to Building Construction **Credits: 1**
- BCST 103 - Construction, Safety, Tools & Equipment **Credits: 2**
- BCST 112 - Print Reading and Sketching **Credits: 3**
- BCST 125 - Codes in Construction **Credits: 1**
- BCST 130 - Construction Site Preparation and Layout **Credits: 1**

Total Semester Hours: 14

Winter Session

Spring Semester

- COMS 110 - Computer Concepts & Applications **Credits: 3**
- BCST 142 - Construction Materials and Methods I **Credits: 3**
- BCST 150 - Intro. to Electrical and Mechanical Systems **Credits: 2**
- BCST 210 - Roof Structures and Stairs **Credits: 4**
  - GNED 000 - General Education Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ENGL 125 - Tech. Writing & Communication I **Credits: 3**
- BCST 230 - Construction Materials and Methods II **Credits: 3**
- BCST 255 - Interior Finishes **Credits: 2**
- BCST 260 - Trim and Millwork **Credits: 4**
  - GHMN 000 - Humanities **Credits: 3**
    OR
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- BCST 235 - Weather Resistant Barriers & Finishes **Credits: 2**
- BCST 245 - Masonry Principles & Concrete Construction **Credits: 4**
- BCST 270 - Estimating, Planning, Scheduling and Management **Credits: 4**
- BCST 280 - Building Construction Internship **Credits: 3**
  - GNED 000 - General Education Requirement **Credits: 3**

Total Semester Hours: 16

Summer Session

Total Program Hours: 60

Humanities, Social Science, and General Education Courses

Choose from the list of approved Humanities, Social Science, or General Education courses listed in the College catalog.

Technical Studies Core or Program Electives Courses (Recommended)

** Technical Studies credits may be earned for corporate, industrial, or military training programs after review by a faculty assessor of related program. Individuals without sufficient technical training experience must select courses in one of the programs/options listed below to satisfy the Technical Studies credit requirements. All courses should be selected with assistance from a faculty advisor.

- BCST 150 - Intro. to Electrical and Mechanical Systems **Credits: 2** (SP)
- BCST 210 - Roof Structures and Stairs **Credits: 4** (SP)
- BCST 230 - Construction Materials and Methods II **Credits: 3** (FA)
- BCST 255 - Interior Finishes **Credits: 2** (FA)
- BCST 260 - Trim and Millwork **Credits: 4** (FA)
- BCST 235 - Weather Resistant Barriers & Finishes **Credits: 2** (SP)
- BCST 245 - Masonry Principles & Concrete Construction **Credits: 4** (SP)
- BCST 280 - Building Construction Internship **Credits: 3** (SP)

Select Courses from One of the following Programs(P)/Options(O):

Business Management (P)

Computer Information Systems (P)

Engineering Science (O)

Graphic Design (P)

Machine Tool Technology (O)

Welding Technology (O)

Technology General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- COMS 110 - Computer Concepts & Applications **Credits: 3**

Developmental Courses

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Business Administration, A.S.

This program is structured to provide fundamental knowledge of business topics. Emphasis is placed on business theory and techniques used to solve contemporary business problems. This program is designed for students who intend to transfer to a four-year baccalaureate program.

Upon completion of this program, graduates will be able to:

- Explain the evolution of the private enterprise system in the American economy.
- Describe the impact of government, labor, free trade and globalization on U.S. business enterprises.
- Analyze contemporary business problems and propose effective solutions using case studies and business analysis applications.
- Examine ethical and legal implications of managerial decisions.
- Interpret basic financial statements and managerial reports.
- Identify the impact of leadership in defining organizational culture.
- Design and deliver effective presentations commonly used in business environments.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- ACCT 101 - Accounting Princ. I Financial **Credits: 3**
- BUSA 101 - Intro. to Business **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
- ACCT 102 - Accounting Princ. II Managerial **Credits: 3**
- ECON 101 - Macroeconomics **Credits: 3**
- BUSA 205 - Business Law I **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ○ LSCI 000 - Science Gen Ed Requirement **Credits: 3**
- MATH 110 - Pre-Calculus I **Credits: 3**
- COMS 120 - Computer Software Applications **Credits: 3**
  - ○ GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- BUSA 211 - Mgmt. & Organizational Behavior **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ○ GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- ENGL 201 - Effective Speaking **Credits: 3**
  - ○ GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- BUSA 220 - Principles of Marketing **Credits: 3**
- ECON 102 - Microeconomics **Credits: 3**

Total Semester Hours: 15

Summer Semester

Total Program Hours: 60

Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- BIOS 101 - General Biology **Credits: 4**

- BIOS 122 - Intro. to Environmental Science **Credits: 4**
- PHYS 107 - Introductory Meteorology **Credits: 4**

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- HIST 105 - U.S. History I **Credits: 3**
- HIST 106 - U.S. History II **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Developmental Courses

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Business Management, A.A.S.

This program is designed primarily to prepare students for immediate entry into the workforce. The program provides students with fundamental business knowledge and prepares them for careers in business, government, retail, and not-for-profit organizations.

Upon completion of this program, graduates will be able to:

- Analyze contemporary business problems and propose effective solutions using case studies and business applications tools.
- Examine ethical and legal implications of managerial decisions.
- Interpret basic financial statements and managerial reports.
- Identify the impact of leadership in defining organizational culture.
- Design and deliver effective presentations commonly used in contemporary business environments.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- ACCT 101 - Accounting Princ. I Financial **Credits: 3**
- BUSA 101 - Intro. to Business **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
  - MATH 900 - Math Gen Ed Requirement **Credits: 3**
- ACCT 102 - Accounting Princ. II Managerial **Credits: 3**
- ECON 101 - Macroeconomics **Credits: 3**
- BUSA 205 - Business Law I **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- COMS 120 - Computer Software Applications **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- BUSA 110 - Business Communications **Credits: 3**
- BUSA 211 - Mgmt. & Organizational Behavior **Credits: 3**
- BUSA 235 - Intro. to International Business **Credits: 3** (FA)

Total Semester Hours: 15

Winter Session

Spring Semester

- BUSA 220 - Principles of Marketing **Credits: 3**
- BUSA 125 - Principles of Supervision **Credits: 3** (SP)
- BUSA 120 - Small Business Management **Credits: 3** (SP)
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- HIST 105 - U.S. History I **Credits: 3**
- HIST 106 - U.S. History II **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Math General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- MATH 104 - Contemporary Mathematics **Credits: 3**
- MATH 108 - Statistics **Credits: 3**

Developmental Courses

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The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Chemistry Option, A.S. - Science/Mathematics

Students who wish to pursue a bachelor's degree at a four-year institution, majoring in chemistry or chemical engineering, should pursue the A.S. Science/Mathematics Chemistry Option. As part of this option, students can expect to make laboratory measurements, as well as do inorganic synthesis, organic synthesis, titration, pH, refractive index, gas chromatography, ultraviolet/visible spectroscopy, and infrared spectroscopy. Depending on your specific course of study, you may also learn polarimetry and gel electrophoresis.

Upon completion of this program, graduates will be able to:

- Conduct experiments using good safety practices, ethical methods, and modern lab equipment to collect observations and measurements of the natural world.
- Apply scientific theories and laws in chemistry that are consistent with observations of the natural world.
- Interpret and communicate scientific information in various forms including writing, graphs, tables, diagrams, and equations.
- Design all or part of an experiment.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 113 - Calculus I **Credits: 4**
- CHEM 110 - College Chemistry I **Credits: 4**

Total Semester Hours: 14

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- MATH 114 - Calculus II **Credits: 4**

- CHEM 112 - College Chemistry II **Credits: 4**
- COMS 114 - Intro. to Computer Science I **Credits: 3**

Total Semester Hours: 14

Summer Session

Second Year

Fall Semester

- CHEM 210 - Organic Chemistry **Credits: 5** (FA)
- MATH 213 - Calculus III **Credits: 4**
- PHYS 120 - Physics I with Calculus **Credits: 4**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- CHEM 212 - Organic Chemistry II **Credits: 5** (SP)
- PHYS 121 - Physics II with Calculus **Credits: 4**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- COLL 211 - Capstone for Mathematics and Chemistry **Credits: 1**

Total Semester Hours: 16

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- AMSL 101 - American Sign Language I **Credits: 3**
- HUMN 101 - Survey of World Culture I **Credits: 3**
- PHIL 205 - Contemporary Ethical Issues **Credits: 3**
- SPAN 101 - Elementary Spanish I **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- **ANTH 101 - Introduction to Anthropology Credits: 3**
- **PSYC 101 - Introduction to Psychology Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Developmental Courses

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The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Child Development Specialist, A.A.S.

The Associate of Applied Science degree program in Early Childhood Education (Child Development Specialist) prepares students to be education assistants and teacher aides in schools, child care centers, and similar settings. Students in the program will have successfully completed 300 hours of supervised field experience in which they worked effectively with children and their families, other staff, and administration.

Upon completion of this program, graduates will be able to:

- Use theories and knowledge of growth and development to understand the multiple influences that promote child development and learning.
- Build relationships with families and the community to create a respectful and reciprocal community of learning to support children and families.
- Support young children through the use of observation, documentation, and assessment techniques and strategies.
- Create, implement and evaluate effective early childhood curricula while implementing the philosophy of developmentally appropriate practices.
- Exhibit characteristics of an early childhood professional by following the National Association for the Education of Young Children (NAEYC) ethical guidelines, participating in professional organizations and professional development, and advocating for children and families.
- Program Goals are based on NAEYC Associate Degree Program Standards.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 104 - Contemporary Mathematics **Credits: 3**

  OR

- MATH 106 - Mathematical Concepts **Credits: 3**
- CDEV 101 - Intro. to Early Childhood Educ. **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- CDEV 160 - Child Health and Nutrition **Credits: 3** (SP)
- CDEV 260 - Methods of Teaching Infants & Toddlers **Credits: 3** (SP)
- PSYC 111 - Child Psychology **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

  - CDSC 000 - Program Elective **Credits: 3**
- EDUC 275 - Working with Special Needs Children **Credits: 3** (FA)
- CDEV 150 - Lang. Devel. & Lang. Arts in Early Childhood Education **Credits: 3** (FA)
- CDEV 270 - Curriculum Studies in Early Childhood Education **Credits: 3** (FA)
- CDEV 280 - Child Care Internship I **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- CDSC 000 - Program Elective **Credits: 3**
- CDEV 285 - Child Care Internship II **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**
- ENGL 201 - Effective Speaking **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities General Education Courses

- HIST 105 - U.S. History I **Credits: 3**
- ENGL 203 - American Literature I **Credits: 3**
- ENGL 204 - American Literature II **Credits: 3**
- HUMN 101 - Survey of World Culture I **Credits: 3**
- HUMN 102 - Survey of World Culture II **Credits: 3**

Program Elective Courses

- AMSL 101 - American Sign Language I **Credits: 3**
- CDEV 272 - Music & Art in Early Childhood Education **Credits: 3**
- EDUC 202 - Historical and Philosophical Patterns in Education **Credits: 3**
- SOCA 215 - Perspectives On Race, Gender, Class and Culture **Credits: 3**

Developmental Courses

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advisor.

Child Development Specialist, Certificate

This program prepares students for employment in child care centers and preschools as group teachers and assistant teachers working under the supervision of head teachers.

Upon completion of this program, graduates will be able to:

- Use theories and knowledge of growth and development to understand the multiple influences that promote child development and learning.
- Build relationships with families and the community to create a respectful and reciprocal community of learning to support children and families.
- Support young children through the use of observation, documentation, and assessment techniques and strategies.
- Create, implement and evaluate effective early childhood curricula while implementing the philosophy of developmentally appropriate practices.
- Exhibit characteristics of an early childhood professional by following the National Association for the Education of Young Children (NAEYC) ethical guidelines, participating in professional organizations and professional development, and advocating for children and families.
- Program Goals are based on NAEYC Associate Degree Program Standards.

First Year

Fall Semester

- PSYC 101 - Introduction to Psychology **Credits: 3**
- CDEV 101 - Intro. to Early Childhood Educ. **Credits: 3**
- CDEV 150 - Lang. Devel. & Lang. Arts in Early Childhood Education **Credits: 3** (FA)
- CDEV 270 - Curriculum Studies in Early Childhood Education **Credits: 3** (FA)
- EDUC 202 - Historical and Philosophical Patterns in Education **Credits: 3**

  OR

- EDUC 275 - Working with Special Needs Children **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 101 - English Composition I **Credits: 3**
- PSYC 111 - Child Psychology **Credits: 3**
- CDEV 160 - Child Health and Nutrition **Credits: 3** (SP)
- CDEV 260 - Methods of Teaching Infants & Toddlers **Credits: 3** (SP)

- CDEV 280 - Child Care Internship I **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 30

Developmental Courses

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Communication/Journalism Option, A.A. - Liberal Arts

This associate degree program prepares students for transfer to a four-year college with a major in Journalism and/or Communications. The Journalism major can also serve as a basis for careers in newspapers, magazines, radio and television stations, websites, as well as public relations, advertising, and marketing departments and organizations. Students are given the opportunity to contribute to and work on SCCC publications such as the *College Hill News*.

Upon completion of this program, graduates will be able to:

- Communicate with speed and accuracy.
- Understand how to interpret the source's information and quotes.
- Know how to use appropriate and trustworthy background information.
- Write according to style guide dictates.
- Compose with grammatical and mechanical precision.
- Distinguish among gossip, hearsay, innuendo, insinuation, and prediction.
- Adapt communicating styles to suit the particular demands of any medium.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
    - MATH 900 - Math Gen Ed Requirement **Credits: 3**
    - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
- COMM 101 - Intro. to Mass Communications **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
    - GMSC 000 - Math/Science Gen Ed Requirement **Credits: 3**
    - PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
    - HIST 001 - History Gen Ed Requirement **Credits: 3**
    - PHOT 220 - Photojournalism **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ENGL 201 - Effective Speaking **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- POLS 101 - Intro. to Political Science **Credits: 3**
- ARTA 104 - Art History II **Credits: 3**
- ENGL 215 - Journalism I **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- LSCI 000 - Science Gen Ed Requirement **Credits: 3**

- ○ GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - ○ HIST 001 - History Gen Ed Requirement **Credits: 3**
  - ○ GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- ENGL 217 - Journalism II **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Philosophy General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Philosophy General Education courses in the College catalog.

- PHIL 110 - Philosophy & the Meaning of Life **Credits: 3**

Technology & Humanities General Education Courses

Choose from the list of approved courses in the College catalog.

History General Education Courses

Recommended courses listed below but student can also choose from the list of approved History General Education courses in the College catalog. Must choose a level I & II sequence.

- HIST 101 - Hist of Western Civilization I **Credits: 3**
- HIST 102 - Hist of Western Civilization II **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Social Science General Education courses in the College catalog.

- POLS 105 - American Government **Credits: 3**

Math/Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Math and Science General

Education courses in the College catalog.

- MATH 104 - Contemporary Mathematics **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
- PHYS 107 - Introductory Meteorology **Credits: 4**
- BIOS 108 - Introduction to Environmental Sustainability **Credits: 4**

Developmental Courses

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Communications/Broadcast Option, A.A. - Liberal Arts

The Broadcasting Option is designed to empower students with the proper skills and knowledge to seek careers in the many phases of the media industry including television and film, radio and audio production, broadcast journalism, and video production. In addition, students are prepared for enrollment into four-year

institutions. Students acquire the technical knowledge supported by a strong basis in theory and creativity. They prepare for entry-level positions as directors, camera operators, composers, audio engineers, writers, and on-air talent within the industry. The Broadcasting option provides graduates with real-world experience through the facilities of EDTV20 the College's educational broadcast facility and our web-based radio station.

Production classes are hands-on, involving state-of-the-art studio and field audio and video production equipment, control room operation, sophisticated high-end digital video editing, lighting for video and film, writing, producing, and directing. This course of study will prepare students to utilize their learned technical skills to apply the theoretical and creative communications knowledge to sound and screen.

Upon completion of this program, graduates will be able to:

- Achieve entry-level competence for a position in cable television, professional commercial broadcast facilities, and commercial industrial instructional and web based video and audio production facilities.
- Create short program segments and shows for cable television.
- Write, produce, direct, and edit news and segments of a variety of television and radio programs.
- Write, produce and edit radio and television commercials.
- Perform all competencies of on-air talent in news, sports broadcasting, and interviewing.
- Produce and broadcast live and tape delay sporting events.
- Operate efficiently all video and audio production equipment.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
  - MATH 900 - Math Gen Ed Requirement **Credits: 3**
  - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
- COMM 101 - Intro. to Mass Communications **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
  - GMSC 000 - Math/Science Gen Ed Requirement **Credits: 3**
  - PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
  - HIST 001 - History Gen Ed Requirement **Credits: 3**
- COMM 130 - Television Production I **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ENGL 201 - Effective Speaking **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- ARTA 104 - Art History II **Credits: 3**
- COMM 203 - Writing for the Media **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ○ LSCI 000 - Science Gen Ed Requirement **Credits: 3**
  ○ GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  ○ HIST 001 - History Gen Ed Requirement **Credits: 3**
  ○ GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- COMM 205 - Radio & Television Performance **Credits: 3**

Total Semester Hours: 15

Summer Semester

Total Program Hours: 60

Philosophy General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Philosophy General Education courses in the College catalog.

- PHIL 110 - Philosophy & the Meaning of Life **Credits: 3**

Humanities & Technology General Education Courses

Choose from the list of approved General Education courses in the College catalog.

History General Education Courses

Recommended courses listed below but student can also choose from the list of approved History General Education courses in the College catalog. Must choose a level I & II sequence.

- HIST 101 - Hist of Western Civilization I **Credits: 3**
- HIST 102 - Hist of Western Civilization II **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Social Science General Education courses in the College catalog.

- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Math/Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Math and Science General Education courses in the College catalog.

- MATH 104 - Contemporary Mathematics **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
- PHYS 107 - Introductory Meteorology **Credits: 4**
- BIOS 108 - Introduction to Environmental Sustainability **Credits: 4**

Developmental Courses

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Communications/Film Study Option, A.A. - Liberal Arts

As a popular art form, film is a prominent medium in our society. Students invest a great deal of time and money enjoying a medium that is capable of shaping audiences' cultural lives. The academic rationale for the Film Studies Option is to combine creative and critical thinking. As a result, students will receive a rigorous understanding of film criticism, screenwriting, and filmmaking. Film Studies will investigate the psychological, social, technical, and critical aspects of this medium, particularly focusing on how the medium can manipulate audiences.

Film Studies completes and complements the existing Communications Options in Journalism and Broadcasting. It is designed to be interdisciplinary in nature, drawing on the combined skills of professors from the Journalism, Broadcasting, and Fine Arts options.

Other courses in the program will include "Cinematography," "Writing for the Media," and "Critical Analysis of the Cinema," a course which has been running for nearly a decade and which has enjoyed a 100 percent transfer record to Rutgers, Montclair, and William Paterson universities, to name only a few four-year institutions.

Upon completion of this program, graduates will be able to:

- Demonstrate an understanding of the cultural, social and political impact of film on contemporary society.
- Demonstrate an understanding of the technical and creative aspects of film.
- Exhibit an understanding of the history of cinematography.
- Demonstrate an understanding of the film industry in relation to journalism, broadcasting, and the fine arts.
- Strengthen and enhance the ability of individuals to write and think critically about the art of film in its cultural context.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
    - MATH 900 - Math Gen Ed Requirement **Credits: 3**
    - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
- COMM 101 - Intro. to Mass Communications **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
    - GMSC 000 - Math/Science Requirement **Credits: 3**
    - PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
    - HIST 001 - History Gen Ed Requirement **Credits: 3**
- COMM 223 - The Gothic in Liter. & Cinema **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ENGL 201 - Effective Speaking **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- ARTA 104 - Art History II **Credits: 3**
- COMM 230 - Crit. Analy. & Survey of Cinema **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ○ LSCI 000 - Science Gen Ed Requirement **Credits: 3**
- ○ GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- ○ HIST 001 - History Gen Ed Requirement **Credits: 3**
- ○ GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- COMM 132 - Cinematography **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Philosophy General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Philosophy General Education courses in the College catalog.

- PHIL 110 - Philosophy & the Meaning of Life **Credits: 3**

History General Education Courses

Recommended courses listed below but student can also choose from the list of approved History General Education courses in the College catalog. Must choose a level I & II sequence.

- HIST 101 - Hist of Western Civilization I **Credits: 3**
- HIST 102 - Hist of Western Civilization II **Credits: 3**

Humanities & Technology General Education Courses

Choose from the list of approved Technology General Education courses in the College catalog.

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Social Science General Education courses in the College catalog.

- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Math/Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Math and Science General Education courses in the College catalog.

- MATH 104 - Contemporary Mathematics **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
- PHYS 107 - Introductory Meteorology **Credits: 4**
- BIOS 108 - Introduction to Environmental Sustainability **Credits: 4**

Developmental Courses

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Computer Information Systems, A.A.S.

This program is structured to provide fundamental knowledge of information technology and the skills necessary to succeed in today's business environment. This degree is not for transfer. The program is designed to prepare students for entry-level positions in business, industry, government, and not-for-profit organizations.

Upon completion of this program, graduates will be able to:

- Demonstrate the ability to solve technical problems related to hardware and software.
- Demonstrate an understanding of operating systems.
- Develop effective communication skills within an organization.
- Demonstrate the ability to work both individually and as a team member.
- Exhibit professionalism and ethical behavior.
- Adapt to advancements in the area of technology.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**

- COMS 113 - Intro. to Information Systems **Credits: 3**
- BUSA 101 - Intro. to Business **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- COMS 114 - Intro. to Computer Science I **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
- COMS 230 - Networks and Telecommunications **Credits: 3** (SP)
- COMS 155 - Web Site Development I **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ECON 101 - Macroeconomics **Credits: 3**
- COMS 115 - Intro. to Computer Science II **Credits: 3**
- COMS 218 - Database Management Systems **Credits: 3** (FA)
  - COMS 000 - Program Electives **Credits: 6**

Total Semester Hours: 15

Winter Session

Spring Semester

- ECON 102 - Microeconomics **Credits: 3**
- COMS 210 - Systems Analysis & Design **Credits: 3** (SP)
  - COMS 000 - Program Electives **Credits: 9**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- HIST 101 - Hist of Western Civilization I **Credits: 3**

Elective Courses (Recommended)

Recommended courses listed below but student can also choose from any COMS course.

- COMS 120 - Computer Software Applications **Credits: 3**
- COMS 221 - Operating Systems **Credits: 3** (FA)
- COMS 225 - Computer Aided Design **Credits: 3**
- COMS 239 - Fund. of Computer Architecture **Credits: 3** (SP)
- COMS 240 - Computer Information Systems Internship **Credits: 3**

Developmental Courses

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The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Computer Information Systems, Certificate

This program is structured to provide fundamental knowledge of information technology and the skills necessary to succeed in today's business environment. This degree is not for transfer. The program is designed to prepare students for entry-level positions in business, industry, government and not-for-profit organizations.

Upon completion of this program, graduates will be

able to:

- Demonstrate the ability to solve technical problems related to hardware and software.
- Demonstrate an understanding of operating systems.
- Develop effective communication skills within an organization.
- Demonstrate the ability to work both individually and as a team member.
- Exhibit professionalism and ethical behavior.
- Adapt to advancements in the area technology.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- BUSA 101 - Intro. to Business **Credits: 3**
- COMS 113 - Intro. to Information Systems **Credits: 3**
- COMS 114 - Intro. to Computer Science I **Credits: 3**
- ECON 101 - Macroeconomics **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ACCT 101 - Accounting Princ. I Financial **Credits: 3**
  - CERT 000 - Certificate Electives **Credits: 9**
- MATH 106 - Mathematical Concepts **Credits: 3**

  OR

- MATH 110 - Pre-Calculus I **Credits: 3** *

Total Semester Hours: 15

Summer Session

Total Program Hours: 30

*Recommended for students planning to enter the degree program.

Certificate Electives Recommended

- COMS 115 - Intro. to Computer Science II **Credits: 3**
- COMS 120 - Computer Software Applications **Credits: 3**
- COMS 210 - Systems Analysis & Design **Credits: 3**
- COMS 218 - Database Management Systems **Credits: 3**
- COMS 221 - Operating Systems **Credits: 3**
- COMS 230 - Networks and Telecommunications **Credits: 3**
- COMS 239 - Fund. of Computer Architecture **Credits: 3**
- COMS 240 - Computer Information Systems Internship **Credits: 3**

Developmental Courses

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Computer Science Option, A.S. - Science/Mathematics

The Computer Science program is designed for students who wish to pursue a Bachelor's degree at a four-year institution, majoring in Computer Science or related field.

Upon completion of this program, graduates will be able to:

- Demonstrate the ability to solve problems, conduct research, and think critically.
- Exhibit an understanding of computer architecture.
- Utilize the proper data structures and algorithms with sound programming techniques.
- Demonstrate an understanding of the mathematical concepts utilized in algorithms.
- Develop effective communication skills within an organization.
- Demonstrate the ability to work both individually and as a team member.
- Exhibit professionalism and ethical behavior.
- Adapt to advancements in the area of information technology.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**

- ENGL 101 - English Composition I **Credits: 3**
- COMS 114 - Intro. to Computer Science I **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
  - GHUM 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- MATH 113 - Calculus I **Credits: 4**
- COMS 115 - Intro. to Computer Science II **Credits: 3**
- COMS 239 - Fund. of Computer Architecture **Credits: 3** (SP)
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 16

Summer Session

Second Year

Fall Semester

- MATH 114 - Calculus II **Credits: 4**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
- COMS 221 - Operating Systems **Credits: 3** (FA)
- COMS 218 - Database Management Systems **Credits: 3** (FA)

Total Semester Hours: 14

Winter Session

Spring Semester

- MATH 201 - Discrete Mathematics **Credits: 4**

  OR

- MATH 213 - Calculus III **Credits: 4**
    - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
- COLL 208 - Capstone for Computer Science & Information Systems **Credits: 1**
- COMS 210 - Systems Analysis & Design **Credits: 3** (SP)
- COMS 223 - Data Structures **Credits: 3** (SP)

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- HIST 101 - Hist of Western Civilization I **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- ECON 101 - Macroeconomics **Credits: 3**
- ECON 102 - Microeconomics **Credits: 3**

Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- PHYS 110 - Physics I **Credits: 4**
- PHYS 112 - Physics II **Credits: 4**
- PHYS 120 - Physics I with Calculus **Credits: 4**
- PHYS 121 - Physics II with Calculus **Credits: 4**

Developmental Courses

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Computer-Aided Design/Drawing Software, C.O.A.

Designed for individuals seeking hands-on experience with the digital tools used by mechanical engineers, drafters, and design-related professionals. 2D and 3D platforms used to automate design and expand visual concepts are covered as is collaborative work on CAD projects and software used to produce computer-aided drawings. Students will be prepared for entry-level positions as CAD operators, designers or 3D artists.

First Year

Fall Semester

- COMS 225 - Computer Aided Design **Credits: 3**

Total Semester Hours 3

Winter Session

Spring Semester

- COMS 226 - Computer Aided Design II **Credits: 3**
- GRAD 158 - 3D Modeling **Credits: 3**

Total Semester Hours: 6

Computerized Accounting, Certificate

This program provides students with knowledge and practical experience in accounting principles and the management of these principles through software package options. Students will learn financial and managerial accounting methods through the automated General Ledger function.

Upon completion of this program, graduates will be able to:

- Apply for entry-level employment in bookkeeping and accounting clerk positions.
- Analyze, journalize, and post transactions both manually and using computerized accounting software.
- Maintain a computerized accounting system.
- Create spreadsheets using electronic spreadsheet programs to be used in the planning and developing of budgets, cash flows, financial statements, and other business records.
- Maintain payroll records and comply with federal and state reporting requirements.
- Prepare the following financial statements: Income
- Statement, State of Retained Earnings, Balance Sheet, and Statement of Cash Flow.

First Year

Summer Session

- ACCT 101 - Accounting Princ. I Financial **Credits: 3**

Total Semester Hours: 3

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- ACCT 102 - Accounting Princ. II Managerial **Credits: 3**
- ACCT 107 - Computerized Accounting **Credits: 3** (FA)
- ACCT 205 - Payroll Accounting **Credits: 3** (FA)

Total Semester Hours: 15

Winter Session

Spring Semester

- MATH 900 - Math Gen Ed Requirement **Credits: 3**
- GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- BUSA 101 - Intro. to Business **Credits: 3**
- BUSA 190 - Business Applications using Electronic Spreadsheets **Credits: 3** (SP)

Total Semester Hours: 12

Total Program Hours: 30

Social Science General Education Courses:

Choose from the list of approved General Education courses in the College catalog.

Math General Education Courses (Recommended)

- MATH 106 - Mathematical Concepts **Credits: 3**
- MATH 110 - Pre-Calculus I **Credits: 3**

Developmental Courses

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Cosmetology Option, A.A.S. - Technical Studies

The Cosmetology program prepares students to become the creative, well-trained professionals demanded by today's beauty industry. This exciting program offers training in all aspects of professional cosmetology, from skin, nails, hair design, and sculpting to advanced coloring. Complete barbering skills with up-to-date cuts, including fades and straight blade shape-ups, are part of the curriculum. Students will explore salon operations, marketing and retail, hygiene and communication skills in this lecture and "hands-on" training program. After the first two semesters, students can qualify for a New Jersey State Student Permit, which will allow students to start as an entry-level stylist. Committed students can qualify to take the New Jersey Board licensing examinations in Cosmetology upon completion of the program. Our cutting-edge curriculum and learning community will keep students engaged while building the technical skills and expertise needed to be successful.

Upon completion of this program, graduates will be able to:

- Perform hair care services for all types of hair including hair analysis, cutting, styling, coloring and lightening, permanent waving, and chemical relaxing.
- Perform barbering services with up-to-date cuts, including fades and straight blade shape-ups.
- Perform nail services including manicuring and pedicuring.
- Perform basic skincare services including skin analysis, facials, makeup application, and superfluous hair removal.
- Exhibit knowledge of decontamination control, public hygiene, and special sanitation procedures used for the protection of the client and the operator.
- Demonstrate customer service skills, self-growth, and personal development.
- Perform salon business such as front desk operations, dispensary inventory and loss prevention, resume building and interviewing skills, self-marketing and basic knowledge of starting a salon business.
- Demonstrate critical thinking and communication skills.
- Possess the necessary skills to pass the New Jersey State licensure written and practical exams required for a professional license to work in the Cosmetology industry.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- COSM 101 - Principles & Procedures I **Credits: 7**
- COSM 105 - Principles & Procedures II **Credits: 7**

Total Semester Hours: 17

Winter Session

Spring Semester

- MATH 105 - Technical Mathematics **Credits: 3**
- COSM 108 - Principles & Procedures III **Credits: 7**
- COSM 110 - Science and Ethics for Cosmetology **Credits: 7**

Total Semester Hours: 17

Summer Session

Second Year

Fall Semester

- ENGL 125 - Tech. Writing & Communication I **Credits: 3**
- COSM 115 - Practical Application I **Credits: 4**
  - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
  - GNED 000 - General Education Requirement **Credits: 3**

Total Semester Hours: 13

Winter Session

Spring Semester

- COSM 201 - Practical Application II **Credits: 4**
    - GHMN 000 - Humanities **Credits: 3**

    OR

    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

    - GNED 000 - General Education Requirement **Credits: 3**

Total Semester Hours: 13

Summer Session

Total Program Hours: 60

Humanities/Social Science General Education Requirements

Choose from the list of approved courses in the College catalog

Technical Studies Core or Technical Studies Required Courses (Recommended)

Technical Studies credits may be earned for corporate, industrial, or military training programs after review by a faculty assessor of related program. Individuals without sufficient technical training experience must select courses in one of the programs/options listed below to satisfy the Technical Studies credit requirements. All courses should be selected with assistance from a faculty advisor.

- BUSA 120 - Small Business Management **Credits: 3**

Technology General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- COMS 110 - Computer Concepts & Applications **Credits: 3**

Developmental Courses

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The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following

math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement.* Students should check with their advisor.

Criminal Justice, A.S.

This program is designed primarily for students who plan to attend four-year baccalaureate programs, but approximately one-half of the graduates of this program have successfully found full-time employment in criminal justice-related field upon completion of the two-year degree. Graduates of two and four-year degree programs are employed in a variety of professional positions by federal, state, county, and municipal agencies as well as private security and loss prevention.

Upon completion of this program, graduates will be able to:

- Students will learn the major concepts, case law, theoretical perspectives, empirical findings and basic structures involved with law enforcement, the criminal court system, and corrections, including the causes of crime and delinquency.
- Students will understand and be able to use basic research methods in criminal justice and criminology including design, data analysis, and interpretation.
- Students will obtain realistic ideas and field experiences related to their pursuit of careers and advanced study in the field of criminal justice.
- Students will demonstrate research and information competency with traditional computer-based library systems, governmental resources, and media outlets to facilitate the study of criminal justice and criminology.
- Students will use and demonstrate critical thinking, skeptical inquiry, and the scientific approach to problem-solving.
- Students will learn to recognize, understand, and respect the complexity of sociocultural and international diversity to better prepare them for diverse people and ideas within criminal justice.
- Students will demonstrate effective oral and written communication skills within a liberal arts foundation to better prepare them for any career in criminal justice.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 104 - Contemporary Mathematics **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- CRJS 100 - Intro. to the Crim. Justice Sys. **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
- CRJS 101 - Law Enforcement **Credits: 3**
- CRJS 110 - Criminal Law **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- HIST 105 - U.S. History I **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**
- CRJS 105 - Criminology **Credits: 3**
  - CRJS 000 - Program Electives **Credits: 6**

Total Semester Hours: 15

Winter Session

Spring Semester

- HIST 106 - U.S. History II **Credits: 3**
  - GLCA 001 - Global & Cultural Awareness Gen Ed Requirement **Credits: 3**
- CRJS 180 - Corrections **Credits: 3**
  - CRJS 000 - Program Electives **Credits: 6**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Science General Education Courses

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- BIOS 122 - Intro. to Environmental Science **Credits: 4**
- CHEM 107 - Forensic Science **Credits: 4**

Electives

Choose any CRJS course designation except CRJS 120, CRJS 121, CRJS 122 & CRJS 123.

Global & Cultural Awareness General Education Courses

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- PSYC 237 - Multicultural Psychology **Credits: 3**
- SOCA 215 - Perspectives On Race, Gender, Class and Culture **Credits: 3**

Developmental Courses

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Culinary Arts Option, A.A.S. - Technical Studies

The Culinary Arts Option is designed for students who are interested in becoming a professional chef or obtaining skills for a career in the culinary industry. Student success is a priority in this student-focused program offering a comprehensive curriculum and actual practice in all aspects of the culinary arts. Emphasis will be on the technical and management skills needed to work in restaurants and food service operations. Students will have the opportunity to apply and practice skills acquired in a real-world environment. This program provides a solid foundation for a great and exciting culinary career.

Upon completion of this program, graduates will be able to:

- Demonstrate proficiency in basic industry terminology.
- Practice standards in behavior, grooming, dress, and safety that reflect the mature work attitude expected of an industry professional.
- Maintain high standards of sanitation and food safety as established by the ServSafe® program.
- Develop skills in knife, tool and equipment handling and care, apply principles of food preparation to produce a variety of food products.

- Demonstrate the overall concept of purchasing and receiving practices in quality food service operations.
- Demonstrate the ability to convert, weigh and measure recipes.
- Describe the characteristics, functions, and food sources of the major nutrients and maximize nutrient retention in menu planning, food preparation, and storage.
- Develop skills in the fabrication, portioning, and yield costing of protein products.
- Demonstrate proficiency in techniques for preparation and presentation of baking and pastry.
- Demonstrate quality customer service including supervisory management, dining room service, guest service, working with others, and multi-tasking.
- Apply the principles of menu planning, development, and execution.
- Communicate clearly and professionally, both verbally and in writing.
- Demonstrate creativity and problem-solving skills, based on operational theory and procedures.
- Demonstrate an understanding of organizational structures within hospitality and food service establishments.

First Year

Fall Semester

  - HOST 101 - Introduction to Hotel, Restaurant and Institutional Management **Credits: 3**
- CULA 103 - Food Service Sanitation **Credits: 1**
- CULA 105 - Basic Culinary Skills **Credits: 3** (FA)
- CULA 107 - Food Principles **Credits: 3** (FA)
- CULA 110 - Meat Fabrication for Culinarian **Credits: 3** (FA)
- CULA 118 - Garde Manger **Credits: 3** (FA)

Total Semester Hours: 16

Winter Session

Spring Semester

- CULA 122 - Basic Baking **Credits: 3** (SP)
- CULA 135 - Advanced Baking & Pastry **Credits: 3** (SP)
- CULA 140 - Breakfast & Lunch Cookery **Credits: 3** (SP)
- ENGL 101 - English Composition I **Credits: 3**
- HOST 280 - Hospitality & Culinary Arts Internship **Credits: 2**

Total Semester Hours: 14

Summer Session

Second Year

Fall Semester

- ENGL 125 - Tech. Writing & Communication I **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
  - GHMN 000 - Humanities **Credits: 3**

  OR

  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

- CULA 202 - Italian Cuisine **Credits: 3** (FA)
- CULA 210 - International Cuisine **Credits: 3** (FA)

Total Semester Hours: 15

Winter Session

Spring Semester

- GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
- GNED 000 - General Ed Education Elective **Credits: 3**

  - GHMN 000 - Humanities **Credits: 3**

  OR

  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

- CULA 235 - Classical French Cuisine **Credits: 3** (SP)
- CULA 255 - North American Cuisine **Credits: 3** (SP)

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities or Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- SOCA 101 - Intro. to Sociology **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
- HUMN 101 - Survey of World Culture I **Credits: 3**

Technology General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- COMS 110 - Computer Concepts & Applications **Credits: 3**

General Education Elective Courses

Courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- BUSA 120 - Small Business Management **Credits: 3** (SP)
  - HOST 108 - Hotel and Restaurant Operations **Credits: 3** (SP)
  - HOST 136 - Hospitality Marketing **Credits: 3** (FA)
  - HOST 201 - Food and Beverage Management **Credits: 3** (SP)

Developmental Courses

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Culinary Arts, Certificate

The Culinary Arts Certificate program is an intensive one-year certificate program that prepares students for food service positions in the hospitality field.

A mix of class and lab study, students leave the program with a solid understanding of food preparation and service, cultural and culinary trends, menu preparation, equipment usage, safety and sanitation procedures, and customer service and leadership skills.

Students in the program will learn the use and care of commercial kitchen equipment, high standards of sanitation and food safety, proficiency in techniques of baking and pastry, and skills in knife, tool, and equipment handling. They must apply the principles of food preparation to produce a variety of food products.

Upon completion of this program, graduates will be able to:

- Demonstrate proficiency in basic industry terminology.
- Practice standards in behavior, grooming, dress, and safety that reflect the mature work attitude expected of an industry professional.
- Maintain high standards of sanitation and food safety as established by the ServSafe® program.
- Develop skills in knife, tool, and equipment handling and care, apply principles of food preparation to produce a variety of food products.

- Demonstrate the overall concept of purchasing and receiving practices in quality foodservice operations.
- Demonstrate the ability to convert, weigh and measure recipes.
- Describe the characteristics, functions, and food sources of the major nutrients and maximize nutrient retention in menu planning, food preparation, and storage.
- Develop skills in the fabrication, portioning, and yield costing of protein products.
- Demonstrate proficiency in techniques for preparation and presentation of baking and pastry.
- Demonstrate quality customer service, including supervisory management, dining room service, guest service, working with others, and multi-tasking.
- Apply the principles of menu planning, development, and execution.
- Communicate clearly and professionally, both verbally and in writing.
- Demonstrate creativity and problem-solving skills based on operational theory and procedures.
- Demonstrate an understanding of organizational structures within hospitality and food service establishments.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- CULA 103 - Food Service Sanitation **Credits: 1**
- CULA 105 - Basic Culinary Skills **Credits: 3** (FA)
- CULA 110 - Meat Fabrication for Culinarian **Credits: 3** (FA)
- CULA 107 - Food Principles **Credits: 3** (FA)
- CULA 118 - Garde Manger **Credits: 3** (FA)

Total Semester Hours: 15

Winter Session

Spring Semester

  - GNED 000 - General Education Elective **Credits: 3**
- CULA 122 - Basic Baking **Credits: 3** (SP)
  - CULA 130 - Charcuterie **Credits: 3** (SP)
- CULA 135 - Advanced Baking & Pastry **Credits: 3** (SP)
- CULA 140 - Breakfast & Lunch Cookery **Credits: 3** (SP)

Total Semester Hours: 15

Summer Session

Total Program Hours: 30

General Education Elective

Choose from the list of approved General Education courses listed in the College catalog.

Developmental Courses

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Cultural Competence, C.O.A.

Gain competence in understanding cross-cultural relationships and multicultural interactions.

First Year

Fall Semester

Spring Semester

Winter Session

Cyber-Crime Investigation, C.O.A.

Focuses on cyber-based crimes which will prepare students to enter the field of computer crime investigations and private security.

First Year

Fall Semester

- CYBR 100 - Introduction to Cyber Crime **Credits: 3**
- CYBR 101 - Digital Forensics I **Credits: 3**

Total Semester Hours: 6

Winter Session

Spring Semester

- CYBR 102 - Cyber Law **Credits: 3**
- CYBR 103 - Digital Forensics II **Credits: 3**
- CYBR 110 - Practicum in Cyber Crime Investigation **Credits: 1**

Total Semester Hours: 7

Diesel Service Technology Option, A.A.S. - Technical Studies

The Diesel Service Technology program gives the students an opportunity to gain a broader knowledge and to achieve a higher skill level in Diesel Service Technology than is offered in other one-year certificate programs. There is also a general education component integrated into the program to satisfy demands for appropriate workforce skills. Upon completing the A.A.S. degree program, students have the necessary skills to become employed as entry-level Diesel Service Technicians.

Upon completion of this program, graduates will be able to:

- Employ safety skills in an industrial maintenance facility setting.
- Demonstrate professionalism with attitude, conduct, and ethical work practices.
- Evaluate, diagnose, and repair various Diesel systems.
- Identify specifications related to the inspection, repair, and adjustment of Diesel systems.
- Use various test equipment to diagnose and repair defects.
- Apply basic electrical theory using wiring diagrams and schematics to diagnose and repair Diesel electrical circuits.
- Explain the operation of, and perform service on, automatic and manual transmissions, axles, and differentials.
- Analyze defects of Diesel air conditioning and climate control systems and identify necessary preventative maintenance or corrective repairs.
- Discuss the theory of alignment, braking, suspension and steering systems, problem diagnosis and correction of braking, suspension, steering, and alignment problems

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
- DESL 102 - Diesel Engines **Credits: 3**
- DESL 106 - Electrical Systems **Credits: 3**
- AOTE 101 - Automotive Fundamentals **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 125 - Tech. Writing & Communication I **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- DESL 103 - Diesel Drivetrain **Credits: 3**
- WELD 101 - Welding Safety **Credits: 1**
  - GNED 000 - General Education Elective **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- DESL 104 - Brake Systems **Credits: 3**
- DESL 107 - Heating & Air Conditioning Systems **Credits: 3**
- WELD 115 - Shielded Metal Arc Welding I **Credits: 3**
- AOTE 203 - Engine Construction, Operation & Service **Credits: 3**
  - GHMN 000 - Humanities **Credits: 3**

  OR

  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- DESL 105 - Steering and Suspension **Credits: 3**

    - TSC 000 - Technical Studies Core **Credits: 3**

  OR

    - DESL 000 - Program Option Elective **Credits: 3**

    - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  DESL 000 - Program Option Elective **Credits: 3**

- WELD 110 - Thermal Cutting and Oxyfuel Welding **Credits: 3**
- AOTE 208 - Advanced Automotive Electronics **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Technical Studies Core or Program Electives Courses (Recommended)

Technical Studies credits may be earned for corporate, industrial, or military training programs after review by a faculty assessor of related program. In addition to the recommended courses, individuals without sufficient technical training experience can select courses in one of the programs/options listed below to satisfy the Technical Studies and Program Elective credit requirements. All courses should be selected with assistance from a faculty advisor.

- AOTE 101 - Automotive Fundamentals **Credits: 3**
- AOTE 110 - Automotive Electrical Systems **Credits: 3**
- AOTE 130 - Steering & Suspension Systems **Credits: 3**
- AOTE 204 - Manual Trans. & Drivelines **Credits: 3**
- AOTE 208 - Advanced Automotive Electronics **Credits: 3**
    - DESL 262 - Service Center Internship **Credits: 3**
- WELD 105 - Print Reading & Welding Symbols **Credits: 3**
- WELD 110 - Thermal Cutting and Oxyfuel Welding **Credits: 3**
- WELD 115 - Shielded Metal Arc Welding I **Credits: 3**

Technology General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- COMS 110 - Computer Concepts & Applications **Credits: 3**

Select Courses from One of the Following Programs(P)/Options(O)

(Courses must be approved by appropriate faculty advisor):

Automotive Service Technology (P)

Business Management (P)

Computer Information Systems (P)

Engineering Science (O)

Machine Tool Technology (O)

Welding Technology (O)

Humanities/Social Science Gen Ed Requirement

Choose from the list of approved courses listed in the College catalog.

Developmental Courses

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The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Digital Art and Illustration, C.O.A.

This certificate offers hands-on learning in the field of graphic and digital design to enhance design skills while providing intensive training. Acquire the knowledge and experience to produce aesthetically pleasing design projects. Students will be prepared for positions in design departments, graphic design firms, advertising, print, and multimedia design companies.

First Year

Fall Semester

- GRAD 107 - Drawing for Designers **Credits: 3**
- GRAD 153 - Character Design **Credits: 3**
- GRAD 105 - Vector Graphics & Page Design **Credits: 3**
- GRAD 139 - Children's Book Illustration **Credits: 3**

Total Semester Hours: 12

Winter Session

Spring Semester

- GRAD 128 - Digital Imagery & Editing **Credits: 3**
- GRAD 138 - Comic Book Illustration **Credits: 3**
- GRAD 230 - Directed Themes in Illustration **Credits: 3**

Total Semester Hours: 9

Digital Forensics Option, A.A.S. - Computer Information Systems

This program is designed as a terminal degree and prepares students for immediate entry into a career. This program provides students with fundamental business knowledge and prepares them for careers in forensic science to work for computer companies, consulting firms, businesses, financial companies, government, retail and not-for-profit organizations.

Upon completion of this program, graduates will be able to:

- Obtain entry-level and supervisory careers in the cyber industry, networking and security, systems development and management, government, retail or not-for-profit organizations.
- Analyze contemporary business problems and propose effective solutions using case studies and SWOT analysis (strengths, weaknesses, opportunities, and threats).
- Identify ethical and unethical business behaviors and explain the impact of each type of behavior on an organization's stakeholders (i.e., customers, competitors, investors, creditors, government regulators, employees, etc.).
- Design and deliver effective oral presentations as commonly used in contemporary business environments.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- COMS 113 - Intro. to Information Systems **Credits: 3**
- BUSA 101 - Intro. to Business **Credits: 3**
- CYBR 100 - Introduction to Cyber Crime **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- COMS 114 - Intro. to Computer Science I **Credits: 3**
- CYBR 101 - Digital Forensics I **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ECON 101 - Macroeconomics **Credits: 3**
- COMS 115 - Intro. to Computer Science II **Credits: 3**
- COMS 218 - Database Management Systems **Credits: 3**
- COMS 221 - Operating Systems **Credits: 3**
- CYBR 103 - Digital Forensics II **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ECON 102 - Microeconomics **Credits: 3**
- COMS 210 - Systems Analysis & Design **Credits: 3**
- COMS 230 - Networks and Telecommunications **Credits: 3**
- CYBR 102 - Cyber Law **Credits: 3**
- CRJS 210 - Criminal Investigation **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- HIST 101 - Hist of Western Civilization I **Credits: 3**

Developmental Courses

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Digital Journalism, Certificate

The Certificate in Digital Journalism prepares students to find employment in the media industry, or can benefit practicing journalists considering professional development. Students will focus on the use of the Internet and digital technology while exploring journalism fundamentals of reporting, writing, editing, and gain proficiency in Web content production, blogging, video production and editing, social media, and other developing trends.

The objectives of this program are to:

- Demonstrate skills necessary for work in public relations, media and communications organizations.
- Apply knowledge of ethical, legal and content issues to real-life situations concerning online journalism.
- Complete practical experiences as journalists, editors, photographers, video journalists, designers, and media professionals.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- COMS 155 - Web Site Development I **Credits: 3**
- GRAD 119 - Website Management for Digital Marketing **Credits: 3**
- GRAD 128 - Digital Imagery & Editing **Credits: 3**
- COMM 203 - Writing for the Media **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 215 - Journalism I **Credits: 3**
- GRAD 109 - Intro. to Digital Marketing **Credits: 3**
- GRAD 142 - Digital Typography and Color **Credits: 3**
  - PHOT 220 - Photojournalism **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 30

Developmental Courses

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Elder Law Specialist, Certificate

The Elder Law Specialist Certificate encompasses all aspects of life planning for the elder population including illness, incapacity and death of the elderly. Elder Law Specialists may work independently on issues that do not require attorney supervision. This work may include: life enhancement assistance, analysis of housing choices, organizational assistance, preparation of valuation materials for real and personal property appraisals and funeral planning.

Upon completion of this program, graduates will be able to:

- The specific job tasks of an Elder Law Specialist depend on whether the Elder Law

- Specialist is working under the supervision of an attorney. Depending on the law office, the following tasks might be performed under the direct supervision of an attorney.

These law firm tasks include:

- Interview prospective clients
- Help plan strategy for legal services
- Visit elderly to review asset documents
- Review elder's current estate plan
- Consult and correspond with elder's creditors and debtors to obtain pertinent information
- Prepare valuation of assets and schedule appraisals of real and personal property
- Review bank statements, estate planning documents to determine status of estate
- Assist attorney in determining whether a guardianship and/or conservatorship is necessary
- Maintain case documents and progress chart and update clients on status
- Draft wills, trusts, powers of attorney, living wills, medical consents, deeds, other legal documents as needed
- Assist attorney with medical, Medicare, Medicaid, Social Security, insurance and banking issues
- Assist attorney in all aspects of the litigation process

The following tasks may be done by an Elder Law Specialist without direct supervision of an attorney:

- Assist elder client and his/her family with analysis of housing choices
- Assist elder client and his/her family with life enhancement assistance
- Assist elder client and his/her family with organizational assistance
- Assist elder client and his/her family with preparation of valuation of assets and schedule appraisals of real and personal property
- Assist elder client and his/her family with funeral planning

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- LEGA 100 - Intro. to the American Legal Sys **Credits: 3 (FA&SP)**
- LEGA 110 - Estates and Trusts **Credits: 3 (FA)**
- LEGA 105 - Legal Research & Writing I **Credits: 3 (FA)**
- PSYC 101 - Introduction to Psychology **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- COMS 110 - Computer Concepts & Applications **Credits: 3**
- LEGA 120 - Family Law **Credits: 3**

- LEGA 230 - Elder Law **Credits: 3 (SP)**
- PSYC 215 - Psychology of Adult Dev. & Aging **Credits: 3 (SP)**

Total Semester Hours: 12

Summer Session

- LEGA 115 - Real Estate Transactions **Credits: 3 (SU)**

Total Semester Hours: 3

Total Program Hours: 30

Developmental Courses

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Electronic Music and Recording Option, A.A.S. - Technical Studies

The Electronic Music degree combines areas of music and electronics in the musical and creative use of electronic production, sound design tools and technologies in this innovative program. Emphasis is on developing hands-on skills in modern electronic music technology, as well as how to use electronic instruments to manipulate sound and create music. Students will explore history, musicianship, theory, composition, and performance to develop an individual creative identity.

Upon completion of this program, graduates will be able to:

- Demonstrate knowledge of the history, cultural diversity, and heritage of music.
- Acquire an appreciation of music and identify a personal aesthetic.
- Recognize music as art and a universal language with organization and structure.
- Identify and articulate the components of music composition.
- Perform music from a variety of genres showing the abilities of a professional.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
    - GNED 000 - General Education Requirement **Credits: 3**
    - MUSC 002 - Applied Music I **Credits: 1** *
    - TSC 000 - Technical Studies Core **Credits: 3**

  OR

    - ELMR 000 - Program Elective Requirement **Credits: 3**
    - TSC 000 - Technical Studies Core **Credits: 1**

  OR

    - ELMR 000 - Program Elective Requirement **Credits: 1**
    - TSC 000 - Technical Studies Core **Credits: 1**

  OR

    - ELMR 000 - Program Elective Requirement **Credits: 1**
    - TSC 000 - Technical Studies Core **Credits: 1**

  OR

    - ELMR 000 - Program Elective Requirement **Credits: 1**
    - GNED 000 - General Education Requirement **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- ENGL 125 - Tech. Writing & Communication I **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
    - TSC 000 - Technical Studies Core **Credits: 1**

  OR

    - ELMR 000 - Program Elective Requirement **Credits: 1**
    - TSC 000 - Technical Studies Core **Credits: 1**

  OR

    - ELMR 000 - Program Elective Requirement **Credits: 1**

- - TSC 000 - Technical Studies Core **Credits: 3**

    OR

  - ELMR 000 - Program Elective Requirement **Credits: 3**

- MUSC 115 - Electronic Music I **Credits: 3**
  - MUSC 002 - Applied Music II **Credits: 1** *

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
  - MUSC 002 - Applied Music III **Credits: 1** *
- MUSC 140 - Electronic Music II **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 1**

    OR

  - ELMR 000 - Program Elective Requirement **Credits: 1**

  - TSC 000 - Technical Studies Core **Credits: 3**

    OR

  - ELMR 000 - Program Elective Requirement **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

    OR

  - ELMR 000 - Program Elective Requirement **Credits: 3**

Total Semester Hours: 14

Winter Session

Spring Semester

- MUSC 155 - Live Sound Production **Credits: 3**
- MUSC 245 - Electronic Music III **Credits: 3**

  - GHMN 000 - Humanities **Credits: 3**

OR

- GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**

OR

- ELMR 000 - Program Elective Requirement **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**

OR

- ELMR 000 - Program Elective Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

*Applied Music I, II & III - Course number varies based on student's primary instrument or voice. See College catalog for choices.

Technical Studies Core or Program Electives Courses (Recommended)

** Technical Studies credits may be earned for corporate, industrial, or military training programs after review by a faculty assessor of related program. In addition to the recommended courses, individuals without sufficient technical training experience can select courses in one of the programs/options listed below to satisfy the Technical Studies and Program Elective credit requirements. All courses should be selected with assistance from a faculty advisor.

- GRAD 128 - Digital Imagery & Editing **Credits: 3**
- MUSC 130 - Piano I **Credits: 1**

  OR

- MUSC 121 - Voice I **Credits: 1**
- MUSC 105 - Chorus I **Credits: 1**
- MUSC 106 - Chorus II **Credits: 1**
- MUSC 109 - History of Rock and Roll **Credits: 3**
- MUSC 110 - Introductory Music Theory **Credits: 3**
- MUSC 111 - Music Theory II **Credits: 3**
- MUSC 131 - Piano II **Credits: 1**

  OR

- MUSC 122 - Voice II **Credits: 1**
- MUSC 230 - Piano III **Credits: 1**

  OR

- MUSC 225 - Voice III **Credits: 1**
- MUSC 160 - Intro. to Aural Comprehension **Credits: 1**
- MUSC 214 - Music Theory III **Credits: 3**
- GRAD 235 - Video and Motion Graphics **Credits: 3**

Technology General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- COMS 110 - Computer Concepts & Applications **Credits: 3**

General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog

- MUSC 101 - Music Appreciation **Credits: 3**

Humanities or Social Science General Education Courses

Choose from the list of approved General Education courses in the College catalog.

Select Courses from One of the Following Programs(P)/Options(O)

** (Courses must be approved by appropriate faculty advisor):

Business Management (P)

Computer Information Systems (P)

Graphic Design (P)

New Media Communications (P)

Developmental Courses

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Elementary/Secondary Education Option, A.A. - Liberal Arts

The elementary/secondary option is designed for students interested in pursuing a bachelor's degree with teacher certification. The program is based on New Jersey teacher certification regulations and emulates the freshman and sophomore curriculum in four-year institutions, enabling student transfer to four-year institutions.

Upon completion of this program, graduates will be able to:

- Demonstrate an understanding of child growth and development and relate it to learning opportunities in all domains of development.
- Display an awareness and appreciation for diversity and multi-culturalism and the interrelationship between families, school, and society.
- Reflect on the multifaceted roles of a teacher and the principles and practices involved in teaching.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 104 - Contemporary Mathematics **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
    - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
    - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
    - EDUC 000 - Program Requirement **Credits: 3**

Total Semester Hours: 16

Summer Session

Second Year

Fall Semester

- ENGL 201 - Effective Speaking **Credits: 3**
  - EDUC 000 - Program Requirement **Credits: 3**
  - HIST 001 - History Gen Ed Requirement **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
- SOCA 215 - Perspectives On Race, Gender, Class and Culture **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- EDUC 291 - Portfolio Develop. in Education **Credits: 1**
  - HIST 001 - History Gen Ed Requirement **Credits: 3**
  - PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- EDUC 286 - Principles & Practices of Teaching as a Profession **Credits: 3 (SP)**

Total Semester Hours: 13

Summer Session

Total Program Hours: 60

Philosophy General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Philosophy General Education courses in the College catalog.

- PHIL 110 - Philosophy & the Meaning of Life **Credits: 3**

Humanities & Technology General Education Courses

Choose from the list of approved courses in the College catalog.

Science General Education Courses (Recommended)

Choose from the list of approved Science General Education courses in the College catalog.

- BIOS 101 - General Biology **Credits: 4**
- BIOS 122 - Intro. to Environmental Science **Credits: 4**

History General Education Courses

Choose from the list of approved History General Education courses in the College catalog. Must choose a level I & II sequence.

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Social Science General Education courses in the College catalog.

- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Program Required Courses

(choose two)

- CDEV 101 - Intro. to Early Childhood Educ. **Credits: 3**
- EDUC 202 - Historical and Philosophical Patterns in Education **Credits: 3 (FA)**
- PSYC 280 - Educational Psychology **Credits: 3**

Developmental Courses

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Engineering Science Option, A.S. - Science/Mathematics

This program encompasses a variety of closely related areas of the sciences, mathematics, and engineering. It is intended to provide a means whereby students, while acquiring knowledge of engineering methods, can pursue their interests in areas of natural science. The options offered within the curriculum prepare students for advanced study in engineering.

Upon completion of this program, graduates will be

able to:

- Design and conduct experiments, as well as to analyze and interpret data
- Identify, formulate, and solve engineering problems
- Demonstrate an understanding of professional and ethical responsibility
- Understand the impact of engineering solutions in a global, economic, environmental, and societal context
- Use the techniques, skills, and modern engineering tools necessary for engineering practice

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 113 - Calculus I **Credits: 4**
- CHEM 110 - College Chemistry I **Credits: 4**
- COMS 114 - Intro. to Computer Science I **Credits: 3**

Total Semester Hours: 17

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- MATH 114 - Calculus II **Credits: 4**
- CHEM 112 - College Chemistry II **Credits: 4**
- ECON 101 - Macroeconomics **Credits: 3**

Total Semester Hours: 14

Summer Session

Second Year

Fall Semester

- MATH 213 - Calculus III **Credits: 4**
- PHYS 120 - Physics I with Calculus **Credits: 4**

- GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
  - ENGS 000 - Option Elective **Credits: 3**

Total Semester Hours: 14

Winter Session

Spring Semester

- PHYS 121 - Physics II with Calculus **Credits: 4**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - ENGS 000 - Option Elective **Credits: 4**
  - ENGS 000 - Option Elective **Credits: 4**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

- HUMN 101 - Survey of World Culture I **Credits: 3**
- HUMN 102 - Survey of World Culture II **Credits: 3**
- PHIL 205 - Contemporary Ethical Issues **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- ANTH 101 - Introduction to Anthropology **Credits: 3**
- ECON 102 - Microeconomics **Credits: 3**
- GEOG 105 - Cultural Geography **Credits: 3**
- POLS 101 - Intro. to Political Science **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Option Electives

- COMS 115 - Intro. to Computer Science II **Credits: 3**
- COMS 143 - Advanced Programming in C++ **Credits: 3**
- COMS 225 - Computer Aided Design **Credits: 3**
- COMS 226 - Computer Aided Design II **Credits: 3**
- COMS 239 - Fund. of Computer Architecture **Credits: 3**
- ELET 105 - Electronic Circuits I **Credits: 4**
- ENGR 125 - Numerical Methods for Engineers **Credits: 3**
- ENGR 220 - Engineering Statics **Credits: 3**
- ENGR 222 - Engineering Dynamics **Credits: 3**
- MATH 215 - Linear Algebra **Credits: 4**
- MATH 220 - Ordinary Differ. Equa. w/ Applic **Credits: 4**
- PHYS 205 - Modern Physics **Credits: 4**
- PHYS 210 - Mechanics **Credits: 4**

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English Option, A.A. - Liberal Arts

This program prepares students for transfer to a four-year college with a major in writing and/or literature. Students will develop excellent reading, writing, analysis, and research skills. Therefore, an English major can serve as a basis for careers in education, business, law, and publishing.

Students majoring in English are given the opportunity to publish their work in College publications such as *Idiom & Image*.

Upon completion of this program, graduates will be able to:

- Communicate clearly, formally, and informally, in both oral and written form.
- Demonstrate facility in critical thinking, problem-solving, and textual analysis.
- Compose literary research papers using scholarly, peer-reviewed critical sources.
- Demonstrate an understanding of the diverse historical and social factors that shape authors and texts.
- Display an appreciation for the place of literary texts within their individual lives and in the world as a global society.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
  - MATH 900 - Math Gen Ed Requirement **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- ENGL 201 - Effective Speaking **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 3**
  - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ENGL 213 - Literary Masterpieces of the Western World I **Credits: 3**
  - ENGL 001 - Literature Sequence Requirement **Credits: 3**
  - GMSC 000 - Math or Science Gen Ed Requirement **Credits: 3**
  - PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
  - HIST 001 - History Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 207 - Literature by Women **Credits: 3**

- ○ ENGL 001 - Literature Sequence Requirement **Credits: 3**
- ○ HIST 001 - History Gen Ed Requirement **Credits: 3**
- ○ GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- ○ ENGL 000 - Program Elective **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Humanities General Education courses in the College catalog.

- ARTA 103 - Art History I **Credits: 3**
- ARTA 104 - Art History II **Credits: 3**
- ARTA 106 - Art Appreciation **Credits: 3**
- ARTA 107 - History of Contemporary Art **Credits: 3**
- HUMN 101 - Survey of World Culture I **Credits: 3**
- HUMN 102 - Survey of World Culture II **Credits: 3**
- MUSC 101 - Music Appreciation **Credits: 3**
- THEA 208 - Theater History I **Credits: 3**

  OR

- ENGL 208 - Theater History I **Credits: 3**
    - ○ THEA 209 - Theater History II **Credits: 3**

  OR

- ENGL 209 - Theater History II **Credits: 3**
- PHOT 120 - History of Photography **Credits: 3**
- AMSL 101 - American Sign Language I **Credits: 3**
- AMSL 102 - American Sign Language II **Credits: 3**
- GRMN 101 - Elementary German I **Credits: 3**
- GRMN 102 - Elementary German II **Credits: 3**
- SPAN 101 - Elementary Spanish I **Credits: 3**
- SPAN 102 - Elementary Spanish II **Credits: 3**

Math/Science General Education Courses (Recommended)

Recommended courses listed below, student can also choose from the list of approved Math and Science General Education courses in the College catalog.

- MATH 104 - Contemporary Mathematics **Credits: 3**
- MATH 106 - Mathematical Concepts **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
- BIOS 101 - General Biology **Credits: 4**
- BIOS 102 - Intro. to Human Biology **Credits: 4**
- BIOS 108 - Introduction to Environmental Sustainability **Credits: 4**

- BIOS 122 - Intro. to Environmental Science **Credits: 4**
- PHYS 107 - Introductory Meteorology **Credits: 4**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Philosophy General Education courses in the College catalog.

- ANTH 101 - Introduction to Anthropology **Credits: 3**
- POLS 101 - Intro. to Political Science **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Literature Sequence Courses

(Choose one sequence)

- ENGL 203 - American Literature I **Credits: 3**

   AND

- ENGL 204 - American Literature II **Credits: 3**
- ENGL 230 - British Literature I **Credits: 3**

   AND

- ENGL 231 - British Literature II **Credits: 3**

Program Electives (Recommended)

  - ENGL 205 - Contemporary Literature **Credits: 3**
  - ENGL 210 - Modern Short Novel **Credits: 3**
- ENGL 211 - The Short Story **Credits: 3**
  - ENGL 214 - Literary Masterpieces of the Western World II **Credits: 3**
- ENGL 216 - Children's Literature **Credits: 3**
- ENGL 220 - Creative Writing **Credits: 3**
- ENGL 221 - Modern Poetry **Credits: 3**
- ENGL 222 - Shakespeare **Credits: 3**

Philosophy & Technology General Education Courses

Choose from the list of approved courses in the College catalog.

History General Education Courses

Choose from the list of approved History General Education courses in the College catalog. Must choose a level I & II sequence.

Developmental Courses

Sussex has embraced a practice of directed self-choice whereby students are encouraged, through guided conversations with an advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Environmental Studies, A.S.

Environmental Studies prepares students for transfer into a Bachelor of Science degree program in either Environmental Studies or Environmental Science.

Upon completion of this program, graduates will be able to:

- Deal with complex environmental problems that affect society.
- Understand the current environmental protection regulations.
- Understand how to perform environmental observations and tests, analyze air, land, water resources and waste management.
- Apply the principles of limits, recycling and reuse, sustainable yield, and resource diversity to real-life situations.
- Apply the laws of conservation of matter and energy to environmental issues.
- Understand how different cultures cope with the environmental consequences of human action.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 110 - Pre-Calculus I **Credits: 3** *
- BIOS 110 - Biology I **Credits: 4**
- BIOS 122 - Intro. to Environmental Science **Credits: 4**

Total Semester Hours: 17

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
- BIOS 112 - Biology II **Credits: 4**
  - ENVS 000 - Option Elective **Credits: 4**

Total Semester Hours: 14

Summer Session

Second Year

Fall Semester

- GEOL 101 - Physical Geology **Credits: 4** (FA)
- CHEM 110 - College Chemistry I **Credits: 4**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 14

Winter Session

Spring Semester

- BIOS 124 - Ecology **Credits: 4**
- CHEM 112 - College Chemistry II **Credits: 4** **
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- COLL 209 - Capstone for Environmental Studies **Credits: 1**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

*Students testing higher than MATH 110 on the CLM test may take MATH 111, MATH 112, MATH 113, MATH 114 or MATH 213 to satisfy this math requirement.

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- HUMN 101 - Survey of World Culture I **Credits: 3**
- HUMN 102 - Survey of World Culture II **Credits: 3**
- PHIL 205 - Contemporary Ethical Issues **Credits: 3**
- AMSL 101 - American Sign Language I **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- **ANTH 101** - Introduction to Anthropology **Credits: 3**
- ECON 101 - Macroeconomics **Credits: 3**
- ECON 102 - Microeconomics **Credits: 3**
- GEOG 105 - Cultural Geography **Credits: 3**
- POLS 101 - Intro. to Political Science **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Option Electives (Recommended)

Recommended courses listed below but student can also choose from the list of approved Environmental Science Elective courses in the College catalog.

- BIOS 130 - Introduction to Botany **Credits: 4**
- BIOS 210 - Microbiology **Credits: 4**
- GEOL 110 - Historical Geology **Credits: 4**
- PHYS 107 - Introductory Meteorology **Credits: 4**
- PHYS 110 - Physics I **Credits: 4**
- PHYS 112 - Physics II **Credits: 4**

Developmental Courses

Sussex has embraced a practice of directed self-choice whereby students are encouraged, through guided conversations with an advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Exercise Science, A.S.

The Associate of Science Degree in Exercise Science is designed to prepare students for transfer to a four-year college or university degree program in exercise science. This program's hands-on focused curriculum is based on the exercise science competencies of the American College of Sports Medicine and will teach students the skills and knowledge needed to perform fitness assessments, design individualized exercise programs, evaluate human movement, and make nutritional recommendations. In addition, a degree in exercise science will serve as a solid foundation for students seeking admission into athletic training, physical therapy, occupational therapy, or sports medicine degree programs.

Upon completion of this program, graduates will be able to:

- Examine anatomy and exercise physiology concepts as applied to human movement in different types of physical activity and sport.
- Conduct health and fitness assessments using valid and reliable test protocols.
- Design individualized exercise prescriptions with appropriate exercise progression.
- Create scientific reports using technical writing skills, graphs, charts, tables, diagrams, and peer-reviewed scientific literature.
- Demonstrate techniques reflective of professional best practices in the field of exercise science.
- Create nutrition recommendations for healthy, special, and athletic populations.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 110 - Pre-Calculus I **Credits: 3** *
- EXSC 101 - Intro. to Exercise Science **Credits: 3**
  - EXSC 000 - Option Elective **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- BIOS 103 - Anatomy & Physiology I **Credits: 4**
- BIOS 107 - Nutrition Fundamentals **Credits: 3**
- CHEM 100 - Introductory Chemistry **Credits: 4** **

Total Semester Hours: 14

Summer Session

Second Year

Fall Semester

- BIOS 104 - Anatomy & Physiology II **Credits: 4**
- BIOS 150 - Nutrition, Fitness & Wellness **Credits: 3** (FA)
- EXSC 105 - First Aid and Emergency Care **Credits: 3**
- EXSC 201 - Kinesiology **Credits: 3** (FA)
- COMS 110 - Computer Concepts & Applications **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- EXSC 210 - Exercise Physiology **Credits: 3** (SP)
- EXSC 215 - Fitness Assessment & Exercise Prescription **Credits: 3** (SP)
- PSYC 101 - Introduction to Psychology **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

*Students testing higher than MATH 110 on the CLM test may take MATH 112 MATH 113, MATH 114 or MATH 213 to satisfy this requirement.

**Students may take CHEM 110 to satisfy this requirement.

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- AMSL 101 - American Sign Language I **Credits: 3**
- HUMN 101 - Survey of World Culture I **Credits: 3**
    - HUMN 101 - Survey of World Culture I **Credits: 3**

- PHIL 205 - Contemporary Ethical Issues **Credits: 3**
- SPAN 101 - Elementary Spanish I **Credits: 3**

Social Sciences General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- ANTH 101 - Introduction to Anthropology **Credits: 3**
- ANTH 115 - Biological Anthropology **Credits: 4**
- ECON 102 - Microeconomics **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Option Electives (Recommended)

Recommended courses listed below but student can also choose from the list of approved Exercise Science Elective courses in the College catalog.

- BIOS 102 - Intro. to Human Biology **Credits: 4**
- BIOS 110 - Biology I **Credits: 4**

Developmental Courses

Sussex has embraced a practice of directed self-choice whereby students are encouraged, through guided conversations with an advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Fashion Design Option, A.F.A. - Studio Arts

The purpose of The Associate of Fine Arts Degree/Fashion Design Option at Sussex County Community College seeks to assist students in becoming professionals in the field of art and design. This program nurtures artistic freedom and creativity while developing a strong sense of artistic discipline. Students are encouraged to be inventive within the framework of a traditional approach to both two and three-dimensional art forms. Our curriculum is designed to lead a student through a series of visual challenges enabling the student to master the medium and be cognizant of traditional methods of creativity. To become tomorrow's visionary means understanding the significance of one's own time and place defined by the limitless possibilities of personal expression within the boundaries of a universal aesthetic language. Commitment to a balanced learning process prepares students for a four-year institution or a career in the creative arts. The primary objective is to provide an environment in which students can achieve a degree of professionalism as technically competent and creatively fluent.

Upon completion of this program, graduates will be able to:

- Utilize the elements and principles of design and composition.
- Analyze the aesthetic implications of fashion design.
- Examine connections between theory and practice in the field of design.
- Construct garments from personal designs based on current design trends, art historical concepts, social, political, or cultural influences.
- Create a portfolio of artwork.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- ARTA 103 - Art History I **Credits: 3**
- ARTA 101 - Basic Design **Credits: 3**
    - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 201 - Effective Speaking **Credits: 3**
- ARTA 104 - Art History II **Credits: 3**
- ARTA 108 - Basic Drawing **Credits: 3**
- ARTA 110 - Intro to Color **Credits: 3**
- GRAD 107 - Drawing for Designers **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- DESN 202 - Fashion Construction I **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**
- ARTA 150 - Life Drawing I **Credits: 3**

- GRAD 105 - Vector Graphics & Page Design **Credits: 3**
  - ARTA 002 - Studio Art Elective **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- DESN 203 - Fashion Construction II **Credits: 3**
- ARTA 107 - History of Contemporary Art **Credits: 3**
- GRAD 230 - Directed Themes in Illustration **Credits: 3**
- ARTA 260 - Portfolio Development **Credits: 3**
  - ARTA 002 - Studio Art Elective **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Technology General Education Courses

Choose from the list of approved General Education courses in the College catalog.

Studio Art Elective Courses (Recommended)

Recommended courses listed below but student can also choose from any ARTA, PHOT, GRAD or ARTA/PHOT designations.

- ARTA 106 - Art Appreciation **Credits: 3**
- PHOT 109 - Intro. to Digital Photography **Credits: 3**

Developmental Courses

Sussex has embraced a practice of directed self-choice whereby students are encouraged, through guided conversations with an advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement.* Students should check with their advisor.

Fire Science Technology, A.A.S.

This program is designed to serve the career and volunteer fire fighter, industrial fire protection personnel, fire protection specialist or the recent high school graduate who has an interest in fire service. The program will be offered primarily in the evening for part-time students. Upon completion of the program, students will have attained the skills and knowledge to perform their current duties more effectively and to prepare them for greater levels of responsibility within the fire service system.

Upon completion of this program, graduates will be able to:

- Be prepared with a scientific understanding of fire hazards and their control with emphasis on effective operating procedures at fires and other emergencies.
- Demonstrate the skills necessary to incorporate the theory and applications to become a credentialed professional in the fire service.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- FRST 101 - Intro. to Fire Science **Credits: 3**
- FRST 103 - Fire Prevention **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 201 - Effective Speaking **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- FRST 104 - Fire Administration **Credits: 3**
- FRST 105 - Fire Protection Systems **Credits: 3**
- FRST 110 - Fire Behavior and Combustion **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- HUMN 101 - Survey of World Culture I **Credits: 3**
    - LSCI 000 - Science Gen Ed Requirement **Credits: 3**
    - FREE 000 - Free Elective **Credits: 3**
- FRST 106 - Fire Tactics and Strategy **Credits: 3**
- FRST 107 - Fire Investigation **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- HUMN 102 - Survey of World Culture II **Credits: 3**
- FRST 202 - Bldg. Constr. for Fire Protect. **Credits: 3**
- FRST 205 - Fire Protection Hydraulics & Water Supply **Credits: 3**
- FRST 208 - Hazardous Materials **Credits: 3**
- FRST 210 - Occupational Health & Safety **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Social Science General Education Courses

- POLS 106 - State & Local Government **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- CHEM 107 - Forensic Science **Credits: 4**
- BIOS 122 - Intro. to Environmental Science **Credits: 4**

Program/Option/Certificate Free Elective:

Choose any course from the College Catalog.

Developmental Courses

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The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Fire Science Technology, Certificate

This program is designed to serve the career and volunteer fire fighter, industrial fire protection personnel, fire protection specialist or the recent high school graduate who has an interest in fire service. The program will be offered primarily in the evening for part-time students. Upon completion of the program, students will have attained the skills and knowledge to perform their current duties more effectively and to prepare them for greater levels of responsibility within the fire service system. Courses completed to satisfy the requirements of the certificate program may be used to meet the requirements for the A.A.S. degree in Fire Science Technology.

Upon completion of this program, graduates will be able to:

- Be prepared with a scientific understanding of fire hazards and their control with emphasis on effective operating procedures at fires and other emergencies.
- Demonstrate the skills necessary to incorporate the theory and applications to become a credentialed professional in the fire service.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**

- FRST 101 - Intro. to Fire Science **Credits: 3**
- FRST 103 - Fire Prevention **Credits: 3**
- FRST 106 - Fire Tactics and Strategy **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- FRST 104 - Fire Administration **Credits: 3**
- FRST 110 - Fire Behavior and Combustion **Credits: 3**
- FRST 202 - Bldg. Constr. for Fire Protect. **Credits: 3**
    - CERT 000 - Certificate Elective **Credits: 3**
- FRST 208 - Hazardous Materials **Credits: 3**
- FRST 210 - Occupational Health & Safety **Credits: 3**

Total Semester Hours: 18

Summer Session

Total Program Hours: 33

Certificate Electives

- FRST 205 - Fire Protection Hydraulics & Water Supply **Credits: 3**
- FRST 250 - Special Topics in Fire Science **Credits: 3**

Developmental Courses

Sussex has embraced a practice of directed self-choice whereby students are encouraged, through guided conversations with an advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Game Development Option, A.A.S. - Computer Information Systems

A degree in Game Development will prepare students for entry-level positions in programming, testing and game design. During the final semester of the degree program, game artists and developers will work in conjunction to create and manage a complete marketable game.

Upon completion of this program, graduates will be able to:

- Recognize and evaluate critical and aesthetic issues within computer graphics and mixed media.
- Compare and contrast game requirements based on genre.
- Analyze player control, manual and visual interface design, and usability.
- Identify phases in the game development cycle, as well as be skilled in project management and game documentation.
- Work collaboratively and individually with an understanding of the production process utilized in industry-standard studios.
- Communicate effectively in oral format on research and creative issues.
- Apply critical thinking and aesthetic judgments in critiquing mixed media and computer graphics productions.
- Function on multi-disciplinary teams.
- Merge complex artwork and code to create a working video game.
- Create a project report.
- Set a mood using sound effects, ambient and environmental sounds, and music.
- Demonstrate professionalism through creative and intellectual independence.
- Demonstrate knowledge of the legal and ethical issues related to sound and video sampling and the current copyright laws pertaining to music, video and audio recordings.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- COMS 113 - Intro. to Information Systems **Credits: 3**
- COMS 155 - Web Site Development I **Credits: 3**
- GRAD 115 - Intro. to Game Theory & Develop. **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
- COMS 114 - Intro. to Computer Science I **Credits: 3**
- COMS 230 - Networks and Telecommunications **Credits: 3**
- BUSA 101 - Intro. to Business **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ECON 101 - Macroeconomics **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- COMS 115 - Intro. to Computer Science II **Credits: 3**
- COMS 132 - Game Programming **Credits: 3**
- GRAD 128 - Digital Imagery & Editing **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ECON 102 - Microeconomics **Credits: 3**
- COMS 210 - Systems Analysis & Design **Credits: 3**
- COMS 223 - Data Structures **Credits: 3**
- GRAD 235 - Video and Motion Graphics **Credits: 3**
- GRAD 262 - Game Production **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- HIST 101 - Hist of Western Civilization I **Credits: 3**

Developmental Courses

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The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement.* Students should check with their advisor.

Geology Option, A.S. - Science/Mathematics

This program is designed for students who wish to pursue a bachelor's degree at a four-year institution, majoring in Geology or a related science.

Upon completion of this program, graduates will be able to:

- Science is an evidence-based way of thinking about the natural world and understanding how it operates.
- Science is a process with rules of operation that allow our understanding of the natural world to evolve.
- Science is based on reproducible evidence and observations that contain uncertainties.
- The sciences are related to each other, mathematics, and everyday life.
- Science is driven by globalization, technology, and new instrumentation and measurement tools.
- Scientific meanings of theory and law are different than popular meanings.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 113 - Calculus I **Credits: 4**
- GEOL 101 - Physical Geology **Credits: 4** (FA)

Total Semester Hours: 14

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- MATH 114 - Calculus II **Credits: 4**
- BIOS 122 - Intro. to Environmental Science **Credits: 4**
- GEOL 110 - Historical Geology **Credits: 4** (SP)

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- CHEM 110 - College Chemistry I **Credits: 4**
- PHYS 120 - Physics I with Calculus **Credits: 4**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- GEOG 105 - Cultural Geography **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 17

Winter Session

Spring Semester

- CHEM 112 - College Chemistry II **Credits: 4**
- PHYS 121 - Physics II with Calculus **Credits: 4**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
  - GEOL 000 - Option Elective **Credits: 3**

Total Semester Hours: 14

Summer Semester

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- HUMN 101 - Survey of World Culture I **Credits: 3**
- HUMN 102 - Survey of World Culture II **Credits: 3**
- PHIL 205 - Contemporary Ethical Issues **Credits: 3**
- AMSL 101 - American Sign Language I **Credits: 3**
- SPAN 101 - Elementary Spanish I **Credits: 3**
- HIST 102 - Hist of Western Civilization II **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- ANTH 101 - Introduction to Anthropology **Credits: 3**
- POLS 101 - Intro. to Political Science **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Option Electives (Recommended)

Recommended courses listed below but student can also choose from the list of approved Geology Electives in the College catalog.

- BIOS 110 - Biology I **Credits: 4**
- PHYS 105 - Introductory Astronomy **Credits: 4**
- PHYS 107 - Introductory Meteorology **Credits: 4**
- PHYS 108 - The Physics & Technology of Clean Energy **Credits: 4**

Developmental Courses

Sussex has embraced a practice of directed self-choice whereby students are encouraged, through guided conversations with an advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Graphic and Digital Design, C.O.A.

Graphic Design, A.A.S.

Graphic designers combine artistic ability with technical knowledge to create designs used in print and electronic media that inform, motivate, educate or sell. The objective of this focused multimedia program is designed to provide traditional techniques and the dynamic structure of current computer-based technology. The program will build the groundwork for a career and provide real time in

a simulated work environment while preparing a competitive portfolio. Students will develop initiative and critical thinking skills needed to compete in the global market place. Approximately one-half of all program graduates go on to complete a baccalaureate degree in graphic design, film, video, illustration or game art.

Upon completion of this program, graduates will be able to:

- Analyze the history of visual culture and design theory, and apply historical relevance in the context of modern industry issues and trends.
- Execute technical, aesthetic, and conceptual decisions based on understanding the functions of graphic design, illustration, web design and animation.
- Implement current and emerging technologies using both PC and Macintosh platforms as production tools.
- Utilize problem solving techniques and critical thinking skills across a wide range of media to capture the attention of intended audiences.
- Collaborate with diverse teams of creative contributors, production personnel and clients while working with creative constraints and deadlines.
- Apply knowledge of intellectual property issues.
- Produce a professional portfolio in both traditional and digital formats.
- Qualify for various entry-level industry positions, including desktop publishing, graphic designers, production artists, web designers, digital image processors, digital illustrators and assistant art directors.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- GRAD 101 - Design I **Credits: 3**
- GRAD 105 - Vector Graphics & Page Design **Credits: 3**
- GRAD 107 - Drawing for Designers **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 201 - Effective Speaking **Credits: 3**
- ARTA 103 - Art History I **Credits: 3**
  - MAST 000 - Math/Science/Technology Gen Ed Requirement **Credits: 3**
- GRAD 109 - Intro. to Digital Marketing **Credits: 3**
- GRAD 128 - Digital Imagery & Editing **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ARTA 104 - Art History II **Credits: 3**
- GRAD 122 - Typography & Layout **Credits: 3**
- GRAD 135 - Advertising and Package Design **Credits: 3**
- GRAD 144 - Color for Designers **Credits: 3**
- GRAD 119 - Website Management for Digital Marketing **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- GRAD 201 - Presentation & Print Production **Credits: 3**
- GRAD 235 - Video and Motion Graphics **Credits: 3**
- GRAD 280 - Graphic Design Internship **Credits: 2**
- GRAD 281 - Portfolio Prep. & Presentation **Credits: 1**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Math, Science, Technology, Humanities & Social Science General Education Courses

Choose from the list of approved courses in the College catalog.

Developmental Courses

Sussex has embraced a practice of directed self-choice whereby students are encouraged, through guided conversations with an advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Health and Exercise Science, C.O.A.

 The Certificate of Achievement in Health and Exercise Science involves studying human movement, understanding strength training programs, learning health behavior change strategies, learning about the prevention and treatment of athletic injuries, understanding health promotion and disease prevention, teaching group fitness classes, and more.

First Year

Fall Semester

- BIOS 107 - Nutrition Fundamentals **Credits: 3**
- EXSC 101 - Intro. to Exercise Science **Credits: 3**

Total Semester Hours: 6

Winter Session

Spring Semester

- PSYC 101 - Introduction to Psychology **Credits: 3**
- EXSC 105 - First Aid and Emergency Care **Credits: 3**
- EXSC 123 - Anaerobic Conditioning **Credits: 1**
- EXSC 125 - Group Fitness **Credits: 1**

Total Semester Hours: 8

Summer Session I

Second Year

Fall Semester

- BIOS 150 - Nutrition, Fitness & Wellness **Credits: 3**
- EXSC 121 - Aerobic Conditioning **Credits: 1**
- EXSC 127 - Resistance Training **Credits: 1**

Total Semester Hours: 5

Winter Session

Spring Semester

Health Science, A.A.S.

The Associate in Health Science Degree program was designed to be the next step in health care educational opportunities. Students, who have completed a non-credit post-secondary health care training program, culminating in certification or licensure, are encouraged to enroll in this degree program. This program offers the general educational component which, when completed and combined with credit awarded for their prior health care education, qualify the student to be awarded an Associate of Applied Science Degree in Health Science.

Credit for certification/licensure will be granted after completion of the degree requirements (with grades of "C" or higher) resulting in 61/62 credits. The number of credits awarded for non-credit training will be determined by a review committee consisting of appropriate faculty and administrators at the College. Applicants are required to submit the following documentation for review: a copy of current license or certificate, transcripts and a diploma from the completed training program, and a current resume.

Program Goals:

- Provide educational opportunities for allied health and nursing personnel.
- Engage in public health education within the framework of legal, ethical, and professional standards.
- Adapt health education research findings into practice settings.
- Provide leadership in the health profession.
- Establish a personal commitment to professional growth.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 125 - Tech. Writing & Communication I **Credits: 3**
- PHIL 205 - Contemporary Ethical Issues **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**
  - HSCI 000 - Program/Free Elective **Credits: 3** *
  - HSCI 000 - Program Elective **Credits: 3** *

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- HSCI 000 - Program/Free Elective **Credits: 3** *
- HSCI 000 - Program Elective **Credits: 3** *
- HSCI 000 - Program Elective **Credits: 3** *
- HSCI 000 - Program Elective **Credits: 3** *
- HSCI 000 - Program Elective **Credits: 3** *

Total Semester Hours: 15

Winter Session

Spring Semester

- HSCI 000 - Program/Free Elective **Credits: 3** *
- HSCI 000 - Program/Free Elective **Credits: 3** *
- HSCI 000 - Program Elective **Credits: 3** *
- HSCI 000 - Program Elective **Credits: 3** *
- HSCI 000 - Program Elective **Credits: 3** *

Total Semester Hours: 15

Summer Semester

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- ARTA 103 - Art History I **Credits: 3**
- ARTA 104 - Art History II **Credits: 3**
- ARTA 106 - Art Appreciation **Credits: 3**
- ARTA 107 - History of Contemporary Art **Credits: 3**
- HUMN 101 - Survey of World Culture I **Credits: 3**
- HUMN 102 - Survey of World Culture II **Credits: 3**
- THEA 208 - Theater History I **Credits: 3**

    OR

- ENGL 208 - Theater History I **Credits: 3**
    - THEA 209 - Theater History II **Credits: 3**

    OR

- ENGL 209 - Theater History II **Credits: 3**
- MUSC 101 - Music Appreciation **Credits: 3**
- PHOT 120 - History of Photography **Credits: 3**
- AMSL 101 - American Sign Language I **Credits: 3**
- AMSL 102 - American Sign Language II **Credits: 3**
- GRMN 101 - Elementary German I **Credits: 3**
- GRMN 102 - Elementary German II **Credits: 3**
- SPAN 101 - Elementary Spanish I **Credits: 3**
- SPAN 102 - Elementary Spanish II **Credits: 3**

Program Electives (Recommended)

*Candidates must have a current external certification or license to qualify for admission in to the program. The value of the block of credits granted for professional certification/licensure will be between 15-30 credits and it is based on completed health science program clock hours. The number of electives required will depend on the number of credits granted for professional certification.

- BIOS 103 - Anatomy & Physiology I **Credits: 4**
- BIOS 104 - Anatomy & Physiology II **Credits: 4**
- BIOS 107 - Nutrition Fundamentals **Credits: 3**
- ENGL 201 - Effective Speaking **Credits: 3**
- EXSC 101 - Intro. to Exercise Science **Credits: 3**
- PSYC 109 - Psychology of the Human Lifespan **Credits: 3**
- SOCA 215 - Perspectives On Race, Gender, Class and Culture **Credits: 3**

Free Electives:

Choose from any non-developmental course in the College catalog.

Developmental Courses

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The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

History Option, A.A. - Liberal Arts

The History Option is primarily designed to prepare students to transfer into the junior year of a baccalaureate degree program in history. In addition, students seeking admission into political science or pre-law programs would receive a solid academic foundation upon which to build a successful major.

The objectives of this program are to:

- Demonstrate general knowledge of historical inquiry and research.
- Describe the interconnection between economics, politics, society and culture, and analyze the effects of these influences on historic development.
- Provide examples of the impact of individual and collective action upon historic development.
- Examine the impact of perspective on the interpretation of historic events.
- Communicate clearly in both oral and written form.
- Demonstrate critical thinking and problem-solving skills.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
  - HIST 001 - History Gen Ed Requirement **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
  - HIST 001 - History Gen Ed Requirement **Credits: 3**
  - MATH 900 - Math Gen Ed Requirement **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- POLS 105 - American Government **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- HIST 105 - U.S. History I **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
  - PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
- ANTH 120 - Cultural Anthropology **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- ENGL 201 - Effective Speaking **Credits: 3**
- HIST 106 - U.S. History II **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
- ANTH 115 - Biological Anthropology **Credits: 4**

Total Semester Hours: 14

Summer Session

Total Program Hours: 60

Philosophy, Technology, Math and Science General Education Courses

Choose from the list of approved courses in the College catalog.

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Humanities General Education courses in the College catalog.

- AMSL 101 - American Sign Language I **Credits: 3**
- AMSL 102 - American Sign Language II **Credits: 3**
- SPAN 101 - Elementary Spanish I **Credits: 3**
- SPAN 102 - Elementary Spanish II **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Social Science General Education courses in the College catalog.

- SOCA 101 - Intro. to Sociology **Credits: 3**

History General Education Courses

Recommended courses listed below but student can also choose from the list of approved History General Education courses in the College catalog. Must choose a level I & II sequence.

- HIST 101 - Hist of Western Civilization I **Credits: 3**
- HIST 102 - Hist of Western Civilization II **Credits: 3**

Developmental Courses

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The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Horticultural Science, A.S.

The Associate in Science degree in Horticultural Science is designed for individuals who have a strong interest in occupations that relate to horticulture, nursery production, landscape design, landscape maintenance, the production of organic fruits and vegetables, and similar agricultural endeavors. Students interested in transferring to a four-year college or university need some foundational knowledge of plant biology, chemistry, horticulture fundamentals, soil science, and greenhouse management.

The objectives of this program are to:

- Demonstrate a working knowledge of business management principles as they apply to the field of horticulture, horticulture management, and related endeavors.
- Categorize plants based on growth, morphological characteristics, taxonomic classifications, and habitat requirements.
- Demonstrate proficiency in written communication, oral communication, computer applications and problem-solving.
- Develop solutions for a wide variety of plant health issues.
- Apply classroom theory and hands-on practice in real-world horticultural environments.
- Describe and implement both conventional and organic methods of horticultural maintenance, such as fertilization and pest control.
- Demonstrate proficiency in the selection and use of native plants in ecological restoration projects.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 110 - Pre-Calculus I **Credits: 3**
- CHEM 110 - College Chemistry I **Credits: 4**
- AGSC 101 - Intro. to Agricultural Science **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- BIOS 110 - Biology I **Credits: 4**
- BUSA 101 - Intro. to Business **Credits: 3**
- CHEM 112 - College Chemistry II **Credits: 4**

Total Semester Hours: 14

Summer Session

Second Year

Fall Semester

- AGSC 107 - Agriculture Pest Control & Mgmt. **Credits: 4** (FA)
- BIOS 130 - Introduction to Botany **Credits: 4** (FA)
- HORT 201 - Introduction to Soil Science **Credits: 4** (FA)
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- HORT 102 - Plant Propagation **Credits: 4** (SP)
- HORT 204 - Greenhouse Management **Credits: 4** (SP)
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- COLL 210 - Capstone for Biological and Clinical Sciences **Credits: 1**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- HIST 105 - U.S. History I **Credits: 3**
- HIST 106 - U.S. History II **Credits: 3**
- HUMN 101 - Survey of World Culture I **Credits: 3**
- HUMN 102 - Survey of World Culture II **Credits: 3**
- PHIL 205 - Contemporary Ethical Issues **Credits: 3**

Social Sciences General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- ANTH 101 - Introduction to Anthropology **Credits: 3**
- ECON 102 - Microeconomics **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Developmental Courses

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The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Hotel and Restaurant Management Option, A.A.S. - Business Management

This program is designed as a terminal degree and prepares students for immediate entry into a career. This program provides students with fundamental business knowledge and prepares them for careers in the Hotel and Restaurant Industry, business development and management, government, retail, and not-for-profit organizations.

The objectives of this program are to:

- Obtain entry-level and supervisory careers in the Hotel and Restaurant Industry, business development and management, government, retail or not-for-profit organizations.
- Analyze contemporary business problems and propose effective solutions using case studies and SWOT analysis (strengths, weaknesses, opportunities, and threats).
- Identify ethical and unethical business behaviors and explain the impact of each type of behavior on an organization's stakeholders (i.e., customers, competitors, investors, creditors, government regulators, employees, etc.).
- Design and deliver effective oral presentations as commonly used in contemporary business environments.
- Use applications software for basic word processing, spreadsheet, and presentation projects.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- CULA 103 - Food Service Sanitation **Credits: 1**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
    - HOST 1O1 - Introduction to Hotel, Restaurant and Institutional Management **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- ENGL 125 - Tech. Writing & Communication I **Credits: 3**
  - MATH 900 - Math Gen Ed Requirement **Credits: 3**
- BUSA 101 - Intro. to Business **Credits: 3**
- COMS 120 - Computer Software Applications **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ACCT 101 - Accounting Princ. I Financial **Credits: 3**
- BUSA 211 - Mgmt. & Organizational Behavior **Credits: 3**
- BUSA 110 - Business Communications **Credits: 3**
  - HOST 136 - Hospitality Marketing **Credits: 3** (FA)
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- BUSA 205 - Business Law I **Credits: 3**
- ECON 101 - Macroeconomics **Credits: 3**
  - HOST 108 - Hotel & Restaurant Operations **Credits: 3** (SP)
  - HOST 201 - Food & Beverage Management **Credits: 3** (SP)
- HOST 280 - Hospitality & Culinary Arts Internship **Credits: 2**

Total Semester Hours: 14

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- HUMN 101 - Survey of World Culture I **Credits: 3**
- HUMN 102 - Survey of World Culture II **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Math General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- MATH 104 - Contemporary Mathematics **Credits: 3**

Developmental Courses

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The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Human Services, A.S.

The Human Services A.S. is designed to transfer into Bachelor of Social Work Programs. Program graduates transfer successfully as junior into Bachelor of Social Work Programs in most nearby colleges, through pre-set Transfer Agreements with those programs. Social Work is a field dedicated to empowering individuals, families and communities, with a particular emphasis on addressing issues of economic and social inequality. Social workers practice in a wide range of settings, including group homes, shelters, hospitals, mental health facilities, schools, nursing homes, and substance abuse rehabilitation programs. They help individuals, families, and groups cope with problems such as homelessness, inadequate housing, serious illness, disabilities, unemployment,

lack of job skills, unwanted pregnancy, and family disruptions.

The objectives of this program are to:

- Analyze the historical context of current social problems.
- Identify the major casework methodologies used in direct service settings.
- Apply basic ethical principles in the practice of social work.
- Demonstrate familiarity with the Ecological Systems Theory approach to the dynamic interactions between micro, mezzo and macro systems in the life of the individual.
- Describe the relationships among socio-cultural factors, economic factors and social problems.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- MATH 104 - Contemporary Mathematics **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- HUMS 101 - Intro. to Social Work & Social Welfare **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
    - LSCI 000 - Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- HUMS 120 - Interviewing & Counseling **Credits: 3**
- SOCA 215 - Perspectives On Race, Gender, Class and Culture **Credits: 3**
- SOCA 208 - Sociology of the Family **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - HUMS 000 - Free Elective **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

  - HUMS 203 - Human Behavior in the Social Environment **Credits: 3**
- HUMS 205 - Social Welfare Policy **Credits: 3**
- HUMS 220 - Field Exp. in Human Services I **Credits: 2**
- POLS 105 - American Government **Credits: 3**
  - FREE 000 - Free Elective **Credits: 3**

Total Semester Hours: 15

Summer Semester

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Choose HIST 101 & HIST 102 or HIST 105 & HIST 106

- HIST 101 - Hist of Western Civilization I **Credits: 3**
- HIST 102 - Hist of Western Civilization II **Credits: 3**
- HIST 105 - U.S. History I **Credits: 3**
- HIST 106 - U.S. History II **Credits: 3**

Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- BIOS 101 - General Biology **Credits: 4**
- BIOS 102 - Intro. to Human Biology **Credits: 4**

Electives

Choose any 2 courses with a PSYC designation, ANTH 120 or SOCA 203.

- ANTH 120 - Cultural Anthropology **Credits: 3**
- SOCA 203 - Social Research Methods **Credits: 3**
  - PSYC **Credits: 3**

Developmental Courses

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Humanities, C.O.A.

This Certificate of Achievement is intended for the enhancement of previous education, self-enrichment and enjoyment, and broader exposure to world cultures that may benefit employees in law, education, human services, business, hospitality, retail, and numerous other fields.

If the student chooses two semesters of a world language, this would also be a benefit in any field of employment.

The curriculum integrates writing and literature, culture, and the history of ideas, with the further option of one or two semesters of a language. Emphasis is placed on multicultural understanding and critical thinking skills such as critical analysis of texts and creative works and comparison of ideas. Students who complete this certificate of achievement will be able to demonstrate knowledge of history, cultural diversity, and heritage.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
  - GHMN 000 Humanities Gen Ed Requirement **Credits: 3**

  CERT 000 - Humanities Certificate Electives **Credits: 3**

Total Semester Hours: 12

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**

  GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

  CERT 000 - Humanities Certificate Electives **Credits: 3**

Total Semester Hours: 9

Illustration Option, A.A.S. - Graphic Design

This program is for individuals seeking the skills and education necessary to work commercially as an illustrator. A variety of specialized areas including children's books, editorial, comic books, fashion, commercial or advertising, and scientific illustration will be explored through investigating the history, the modern world, and utilizing hands-on experience with digital imaging and computer-aided drawing software in addition to traditional mediums. In-depth study of the elements and principles of art and design will be encouraged to master technical and creative skills in digital arts, illustration, design techniques, and drawing. A portfolio demonstrating digital imaging, drawing, and illustration skills will be presented upon completion of the program. Approximately one-half of all program graduates go on to complete a baccalaureate degree in game art, animation, graphic design, film, video, or illustration.

The objectives of this program are to:

- Analyze the history of visual culture and design theory, and apply historical relevance in the context of modern industry issues and trends.
- Execute technical, aesthetic, and conceptual decisions based on understanding the functions of graphic design and illustration.
- Implement current and emerging technologies using both PC and Macintosh platforms as production tools.
- Utilize problem-solving techniques and critical thinking skills across a wide range of media to capture the attention of intended audiences.
- Collaborate with diverse teams of creative contributors, production personnel, and clients while working with creative constraints and deadlines.
- Apply knowledge of intellectual property issues.
- Produce a professional portfolio in both traditional and digital formats.
- Qualify for various entry-level industry positions, including desktop publishing, graphic designers, production artists, web designers, digital image processors, digital illustrators, and assistant art directors.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- GRAD 101 - Design I **Credits: 3**
- GRAD 105 - Vector Graphics & Page Design **Credits: 3**
- GRAD 107 - Drawing for Designers **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 201 - Effective Speaking **Credits: 3**
  - MAST 000 - Math/Science/Technology Gen Ed Requirement **Credits: 3**
- GRAD 128 - Digital Imagery & Editing **Credits: 3**
- GRAD 138 - Comic Book Illustration **Credits: 3**
- GRAD 153 - Character Design **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ARTA 103 - Art History I **Credits: 3**
- GRAD 109 - Intro. to Digital Marketing **Credits: 3**
- GRAD 139 - Children's Book Illustration **Credits: 3**
- GRAD 150 - Storyboarding & Sequential Storytelling **Credits: 3**
- GRAD 144 - Color for Designers **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ARTA 104 - Art History II **Credits: 3**
- GRAD 230 - Directed Themes in Illustration **Credits: 3**
- GRAD 280 - Graphic Design Internship **Credits: 2**
- GRAD 281 - Portfolio Prep. & Presentation **Credits: 1**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Semester

Total Program Hours: 60

Math, Science, Technology, Humanities or Social Science General Education Courses

Choose from the list of approved courses in the College catalog.

Developmental Courses

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Independent Film, C.O.A.

Designed for students who want informal experience in film such as the operation of video or digital SLR cameras, digital video software, and audio editing software. The student will gain practical experience in film production, have an opportunity to refine skills, and develop a portfolio of work. Students will have the ability to write, produce, direct, analyze and evaluate broadcast segments and develop a personal and professional portfolio in film. Students will be prepared for entry-level opportunities in film festivals and broadcast production.

First Year

Fall Semester

- COMM 203 - Writing for the Media **Credits: 3**
- COMM 230 - Crit. Analy. & Survey of Cinema **Credits: 3**
- GRAD 150 - Storyboarding & Sequential Storytelling **Credits: 3**

Total Semester Hours: 9

Winter Session

Spring Semester

- COMM 132 - Cinematography **Credits: 3**
- GRAD 235 - Video and Motion Graphics **Credits: 3**

Total Semester Hours: 6

Information Systems Option, A.S. - Science/Mathematics

Information Systems involves the application of computing principles by combining the fields of management and technology. The program is centered on the design, implementation, and testing of information systems as related to current practices. Graduates of the Information Systems Program should be able to transfer into four-year institutions that support a baccalaureate degree in this discipline.

The objectives of this program are to:

- Demonstrate the ability to solve problems, conduct research and think critically.
- Demonstrate an understanding of computer architecture.
- Ability to analyze IT problems within a business environment.
- Develop effective communication skills within an organization.
- Demonstrate the ability to work both individually and as a team member.
- Exhibit professionalism and ethical behavior.
- Adapt to advancements in the area of information technology.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- COMS 113 - Intro. to Information Systems **Credits: 3**
    - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
- COMS 155 - Web Site Development I **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- COMS 114 - Intro. to Computer Science I **Credits: 3**

- - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
  - COMS 230 - Networks and Telecommunications **Credits: 3** (SP)
  - MATH 108 - Statistics **Credits: 3**

Total Semester Hours: 16

Summer Session

Second Year

Fall Semester

- - MATH 113 - Calculus I **Credits: 4**
    - GHUM 000 - Humanities Gen Ed Requirement **Credits: 3**
  - COMS 115 - Intro. to Computer Science II **Credits: 3**
  - COMS 218 - Database Management Systems **Credits: 3** (FA)
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- - - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
  - COMS 239 - Fund. of Computer Architecture **Credits: 3** (SP)
    - INFO 000 - Option Elective **Credits: 3**
    - INFO 000 - Option Elective **Credits: 3**

Total Semester Hours: 12

Summer Session

Total Program Hours: 60

Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- PHYS 110 - Physics I **Credits: 4**
- PHYS 112 - Physics II **Credits: 4**
- BIOS 110 - Biology I **Credits: 4**
- BIOS 112 - Biology II **Credits: 4**
- CHEM 110 - College Chemistry I **Credits: 4**
- CHEM 112 - College Chemistry II **Credits: 4**

Humanities General Education Courses (Recommended)

Choose from the list of approved General Education courses in the College catalog.

Option Elective Courses (Recommended)

Recommended courses listed below but student can also choose from COMS designated course except COMS 110.

- COMS 120 - Computer Software Applications **Credits: 3**
- COMS 142 - Programming in C++ **Credits: 3**
- COMS 143 - Advanced Programming in C++ **Credits: 3**
- COMS 210 - Systems Analysis & Design **Credits: 3**
- COMS 221 - Operating Systems **Credits: 3**
- COMS 223 - Data Structures **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- ECON 101 - Macroeconomics **Credits: 3**
- ECON 102 - Microeconomics **Credits: 3**

Developmental Courses

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Information Technology Option, A.A.S. - Computer Information

Systems

This program is designed as a terminal degree and prepares students for immediate entry into a career. This program provides students with technical knowledge and prepares them for careers in the IT fields to work for computer companies, consulting firms, businesses, financial companies, government, retail and not-for-profit organizations.

The objectives of this program are to:

- Apply computer science concepts directly to situations found in the working environment.
- Interpret problems and apply solutions in a variety of situations, including networking, operating systems, and IT skills.
- Interpret concepts found in technical manuals on networking and operating systems design.
- Communicate technical information effectively, in both verbal and written forms.
- Demonstrate effective problem-solving skills based on technical knowledge and practice.
- Understand, integrate, and apply network construction knowledge and skills professionally.
- Demonstrate professionalism with attitude, conduct, and ethical work practices.
- Communicate skillfully with other industry professionals involved in the IT process.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- COMS 113 - Intro. to Information Systems **Credits: 3**
- BUSA 101 - Intro. to Business **Credits: 3**
- COMS 111 - IT Fundamentals **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- COMS 114 - Intro. to Computer Science I **Credits: 3**
- COMS 230 - Networks and Telecommunications **Credits: 3** (SP)
- MATH 108 - Statistics **Credits: 3**
- COMS 155 - Web Site Development I **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ECON 101 - Macroeconomics **Credits: 3**
  - COMS 233 - Internetworking Design **Credits: 3**
- COMS 218 - Database Management Systems **Credits: 3** (FA)
- COMS 221 - Operating Systems **Credits: 3** (FA)
- COMS 141 - Linux Fundamentals for Cyber Security **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ECON 102 - Microeconomics **Credits: 3**
- COMS 210 - Systems Analysis & Design **Credits: 3** (SP)
- COMS 234 - Networking Management & Security **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- COMS 240 - Computer Information Systems Internship **Credits: 3**

Total Semester Hours: 15

Summer Semester

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Humanities General Education courses in the College catalog.

- HIST 101 - Hist of Western Civilization I **Credits: 3**

Developmental Courses

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advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

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Interactive Design Skills, C.O.A.

Designed for individuals seeking hands-on experience-enhancing computer graphics and web design skills through the study of designing and creating for the Internet. The focus is on the creation of aesthetically pleasing and functional web graphics and websites that capture and hold visitor interest. Students will present a portfolio of graphic and web design skills to document their preparation for positions as web designers, graphic designers, or multimedia artists.

First Year

Fall Semester

- COMS 155 - Web Site Development I **Credits: 3**
- GRAD 115 - Intro. to Game Theory & Develop. **Credits: 3**
- GRAD 128 - Digital Imagery & Editing **Credits: 3**
- GRAD 119 - Website Management for Digital Marketing **Credits: 3**

Total Semester Hours: 12

Winter Session

Spring Semester

- COMS 156 - Web Site Development II **Credits: 3**
- GRAD 142 - Digital Typography and Color **Credits: 3**
- GRAD 219 - Digital Marketing II **Credits: 3**

Total Semester Hours: 9

Interior Design Option, A.F.A. - Studio Arts

The Associate in Fine Arts Degree Interior Design Option develops an understanding and ability to create within the discipline of Interior Design through the study of art, history, theory, technology, and studio work. The degree is intended to provide students with the necessary portfolio to transfer seamlessly to a Bachelor of Fine Arts program majoring in Interior Design.

The objectives of this program are to:

- Exhibit competency using the elements and principles of design and composition.
- Demonstrate an ability to make connections between theory and practice.
- Demonstrate critical thinking and qualitative decision-making based on current design trends, art historical concepts, social, political, or personal issues.
- Develop a professional portfolio of artwork.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- ARTA 101 - Basic Design **Credits: 3**
- ARTA 108 - Basic Drawing **Credits: 3**
  - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- ARTA 103 - Art History I **Credits: 3**
- ARTA 110 - Intro to Color **Credits: 3**
- BCST 112 - Print Reading and Sketching **Credits: 3**
- GRAD 101 - Design I **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- SOCA 101 - Intro. to Sociology **Credits: 3**

- ARTA 115 - Three Dimensional Design **Credits: 3**
- ARTA 150 - Life Drawing I **Credits: 3**
- COMS 225 - Computer Aided Design **Credits: 3**
- ARTA 104 - Art History II **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ARTA 107 - History of Contemporary Art **Credits: 3**
- COMS 226 - Computer Aided Design II **Credits: 3**
- GRAD 105 - Vector Graphics & Page Design **Credits: 3**
- DESN 120 - History of Design **Credits: 3**
- ARTA 260 - Portfolio Development **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Technology General Education Courses

Choose from the list of approved General Education courses in the College catalog.

Developmental Courses

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Liberal Arts Electives

Liberal Arts electives provide comprehensive, non-specialized study within the typical liberal arts disciplines, the humanities, the behavioral & social sciences, mathematics, and the natural sciences.

The following qualify as liberal arts electives except where noted. Transfer institution policies vary.

AGSC
AMSL (check transfer college)
ANTH

ARTA
BIOS
CHEM
CHIN
COMM
COMS (Limit 1)
CRJS 105 only (Criminology)
DESN
ECON
EDUC
ENGL (except ENGL 101 & ENGL 102)
FREN
GEOG
GEOL

GRMN
HIST (check transfer college)
HORT
HUMN
ITAL
MATH (100 level and higher)
MUSC
PHIL
PHOT
PHYS
POLS
PSYC (except PSYC103 & PSYC120
RUSS
SOCA
SPAN
THEA (formerly PERA)
WMST

According to SCCC policy, you may also choose **one** introductory course in a career area. See the list below. Transfer institution policies vary.

Introductory Course

- AOTE 101 - Automotive Fundamentals **Credits: 3** (check transfer college)
- BUSA 101 - Intro. to Business **Credits: 3**
- CDEV 101 - Intro. to Early Childhood Educ. **Credits: 3**
- CRJS 100 - Intro. to the Crim. Justice Sys. **Credits: 3**
- FRST 101 - Intro. to Fire Science **Credits: 3** (check transfer college)
- GRAD 101 - Design I **Credits: 3**
- HUMS 101 - Intro. to Social Work & Social Welfare **Credits: 3**
- LEGA 100 - Intro. to the American Legal Sys **Credits: 3**

Liberal Arts, A.A.

This program is structured to provide a knowledge base in languages and literature, the social sciences, humanities, mathematics, and the sciences which lay a diversified foundation for students seeking to transfer to a four-year institution. The program is also designed to accommodate students who wish to complete their liberal arts education with an associate degree. The Associate of Arts in Liberal Arts provides opportunities to develop self-understanding, global awareness, and critical thinking skills. Students may select the general option or choose one of the specialized options: Anthropology, Communications/ Broadcasting, Communication/Journalism, Dramatic Arts,

Elementary/Secondary Education, English, History, Pre-Law, Psychology, Sociology. Law, government service, medicine, publishing, and teaching are only a few of the possibilities open to liberal arts graduates, because of the broad foundation achieved upon graduation.

The objectives of this program are to:

- Communicate clearly in both oral and written form.
- Demonstrate skill in critical thinking, problem-solving, and research.
- Understand basic vocabulary, facts and concepts of the humanities, social sciences and natural sciences.
- Examine the values in one's personal life and society.
- Understand the basics of a foreign language.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
    - MATH 900 - Math Gen Ed Requirement **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
    - LSCI 000 - Science Gen Ed Requirement **Credits: 3**
    - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ENGL 201 - Effective Speaking **Credits: 3**
    - GMSC 000 - Math or Science Gen Ed Requirement **Credits: 3**
    - HIST 001 - History Gen Ed Requirement **Credits: 3**
    - GLIT 000 - Literature Elective **Credits: 3**

- LIBA 000 - Liberal Arts Elective **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- HIST 001 - History Gen Ed Requirement **Credits: 3**
- GLCA 001 - Global and Cultural Awareness Gen Ed Requirement **Credits: 3**
- PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
- LIBA 000 - Liberal Arts Elective **Credits: 3**
- LIBA 000 - Liberal Arts Elective **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Social Science, Humanities, Global and Cultural Awareness, History, Literature, Math and Science, Liberal Arts, Technology and Philosophy General Education Courses

Choose from the list of approved courses in the College catalog.

Developmental Courses

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Machine Tool Technology Option, A.A.S. - Technical Studies

The Machine Tool Technology A.A.S program gives the students an opportunity to gain a broader knowledge and to achieve a higher skill level in machining than is offered in the one-year certificate program. Students are required to develop advanced skills in planning, designing, producing CAD prints, and setting up and operating machine tools to produce precision parts to specifications. The students receive training in programming, setting up, and operating CNC turning and machining centers. There is also a general education component integrated into the program to satisfy demands for appropriate workforce skills. Upon completing the A.A.S. degree program, students have the necessary skills to become employed as an entry-level machinist or CNC technician.

The objectives of this program are to:

- Enter the industry as industrial machinery mechanics, machinery maintenance workers, or millwrights. career opportunities also exist in construction, manufacturing, fabrication, sales, quality control, supervision, and machine-related self-employment.
- Employ safety skills in an industrial setting.
- Communicate procedures and methods to other related disciplines.
- Produce parts to meet blueprint requirements on manual and computer numerical controlled machines.
- Perform programming and setup procedures on a computer numerical controlled lathe and mill.
- Integrate knowledge to design parts using computer-aided drafting software.
- Apply skills to manufacture parts using computer-aided machining software on computer numerical machines.
- Demonstrate professionalism with attitude, conduct and ethical work practices.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
- MCHT 103 - Print and Drawing Interpretation **Credits: 3**
    - MCHT 105 - Machine Tool Technology I **Credits: 4**
    - MCHT 115 - Instruments, Tools, & Machines **Credits: 2**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 125 - Tech. Writing & Communication I **Credits: 3**
    - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
- MCHT 135 - Intro. to CNC Program and Operations **Credits: 3**

    - TSC 000 - Technical Studies Core **Credits: 4**

  OR

    - MCHT 000 - Program Elective **Credits: 4**

    - TSC 000 - Technical Studies Core **Credits: 3**

  OR

- MCHT 000 - Program Elective **Credits: 3**

Total Semester Hours: 16

Summer Session

Second Year

Fall Semester

- TSC 000 - Technical Studies Core **Credits: 4**
  OR
- MCHT 000 - Program Elective **Credits: 4**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- MCHT 000 - Program Elective **Credits: 3**

- GNED 000 - General Education Requirement **Credits: 3**

- GHMN 000 - Humanities **Credits: 3**
  OR
- GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 13

Winter Session

Spring Semester

- TSC 000 - Technical Studies Core **Credits: 3**

  OR

- MCHT 000 - Program Elective **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**

  OR

- MCHT 000 - Program Elective **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 4**

  OR

- MCHT 000 - Program Elective **Credits: 4**

- - GNED 000 - General Education Requirement **Credits: 3**
  - COMS 225 - Computer Aided Design **Credits: 3**

Total Semester Hours: 16

Summer Session

Total Program Hours: 60

Humanities/Social Science Gen Ed Requirement

Choose from the list of approved courses listed in the College catalog

Technical Studies Core or Program Electives Courses (Recommended)

** Technical Studies credits may be earned for corporate, industrial, or military training programs after review by a faculty assessor of related program. Individuals without sufficient technical training experience must select courses in one of the programs/options listed below to satisfy the Technical Studies credit requirements. All courses should be selected with assistance from a faculty advisor.

- MCHT 125 - Machine Tool Technology II **Credits: 4** (SP)
- MCHT 147 - CNC Turning & Machine Centers **Credits: 3** (SP)
- MCHT 218 - Machine Tool Technology III **Credits: 4** (FA)
- MCHT 225 - Computer Aided Machining I **Credits: 3** (FA)
- MCHT 235 - Computer Aided Machining II **Credits: 3** (SP)
- MCHT 240 - Manufacturing Methods **Credits: 3** (SP)
- MCHT 280 - Machine Tool Internship **Credits: 4** (SP)

Select Courses from One of the Following Programs (P)/Options (O)

(Courses must be approved by appropriate faculty advisor):

Automotive Service Technology (P)

Building Construction Technology (O)

Business Management (P)

Computer Information Systems (P)

Diesel Service Technology (O)

Engineering Science (O)

Graphic Design (P)

Welding Technology (O)

Technology General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- COMS 110 - Computer Concepts & Applications **Credits: 3**

Developmental Courses

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Machine Tool Technology, Certificate

The Machine Tool certificate program gives the students an opportunity to gain a broader knowledge and to achieve a higher skill level in machining than is offered in the one-year certificate program. Students are required to develop advanced skills in planning, designing, producing CAD prints, and setting up and operating machine tools to produce precision parts to specifications. The students receive training in programming, setting-up and operating CNC turning and machining centers.

There is also a general education component integrated into the program to satisfy demands for appropriate workforce skills. Upon completing the certificate program, students have the necessary skills to become employed as an entry-level machinist or a CNC technician.

Successful graduates of the Machine Tool Technology Program can:

- Enter the industry as industrial machinery mechanics, machinery maintenance workers or millwrights. Career opportunities also exist in construction, manufacturing, fabrication, sales, quality control, supervision, and machine-related self employment.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
- MCHT 103 - Print and Drawing Interpretation **Credits: 3**

  MCHT 105 - Machine Tool Technology I **Credits: 4**

MCHT 115 - Instruments, Tools, & Machines **Credits: 2**

Total Semester Hours: 15

Winter Session

Spring Semester

- MCHT 125 - Machine Tool Technology II **Credits: 4**
- MCHT 135 - Intro. to CNC Program and Operations **Credits: 3**
- MCHT 147 - CNC Turning & Machine Centers **Credits: 3**
- MCHT 280 - Machine Tool Internship **Credits: 4**
    - CERT 000 - Certificate Elective **Credits: 3**

Total Semester Hours: 17

Summer Session

Total Program Hours: 32

Certificate Electives

- COMS 110 - Computer Concepts & Applications **Credits: 3**
- MCHT 225 - Computer Aided Machining I **Credits: 3**

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Mathematics Option, A.S. - Science/Mathematics

Mathematics prepares students for transfer into the junior year of a baccalaureate program in mathematics, applied mathematics, mathematics education and related field.

The objectives of this program are to:

- Demonstrate an understanding of the language of mathematics.
- Create and employ mathematical models.

- Use technology effectively.
- Solve applied problems involving derivatives and integrals.
- Utilize and synthesize mathematical knowledge and skills in order to solve problems independently.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 113 - Calculus I **Credits: 4**
- COMS 114 - Intro. to Computer Science I **Credits: 3**
- ECON 101 - Macroeconomics **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- MATH 114 - Calculus II **Credits: 4**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- ECON 102 - Microeconomics **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 16

Summer Session

Second Year

Fall Semester

- MATH 213 - Calculus III **Credits: 4**
- MATH 215 - **Linear Algebra (FA) **Credits: 4**

- PHYS 120 - Physics I with Calculus **Credits: 4**
  - GSOC 000 - Social Science Gen Ed Requirements **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- COLL 211 - Capstone for Mathematics and Chemistry **Credits: 1**
- MATH 220 - Ordinary Differ. Equa. w/ Applic **Credits: 4**
- PHYS 121 - Physics II with Calculus **Credits: 4**
- MATH 201 - Discrete Mathematics **Credits: 4**

Total Semester Hours: 13

Summer Semester

Total Program Hours: 60

Humanities General Education courses (Recommended)

Recommended courses are listed below but students can also choose from the list of approved General Education Requirements in the College Catalog.

- HUMN 101 Survey of World Culture I **Credits: 3**

Social Science General Education courses (Recommended)

Recommended courses are listed below but students can also choose from the list of approved General Education courses in the College Catalog.

- PSYC 101 Introduction to Psychology **Credits: 3**
- SOCA 101 Intro. to Sociology **Credits: 3**

Mulitimedia Artist, C.O.A.

This certificate is for students who want to acquire fundamental, technical, and conceptual skills used in the field of multimedia. These include the ability to create aesthetically pleasing and functional images, interfaces and motion graphics for the web, and professional techniques for video editing. Students will be prepared for entry-level positions as motion graphics and video editing specialists, web and graphic designers, and multimedia artists.

First Year

Fall Semester

- COMS 155 - Web Site Development I **Credits: 3**
- GRAD 105 - Vector Graphics & Page Design **Credits: 3**
- GRAD 128 - Digital Imagery & Editing **Credits: 3**
- GRAD 119 - Website Management for Digital Marketing **Credits: 3**

Total Semester Hours: 12

Winter Session

Spring Semester

- GRAD 115 - Intro. to Game Theory & Develop. **Credits: 3**
- GRAD 142 - Digital Typography and Color **Credits: 3**
- GRAD 235 - Video and Motion Graphics **Credits: 3**
- GRAD 281 - Portfolio Prep. & Presentation **Credits: 1**

Total Semester Hours: 10

Music Fundamentals, C.O.A.

This program is intended to complement current disciplines, enhance previous education, or for self-enrichment and enjoyment. The curriculum integrates music appreciation, theory, chorus, and piano for the inspiring musical artist. Emphasis is placed on technical and creative skills. You will be able to demonstrate knowledge of the history, cultural diversity, and heritage of music; acquire an appreciation of music and identify a personal aesthetic; recognize music as art and a universal language with organization and structure; identify and articulate the components of music composition; perform as part of an ensemble.

First Year

Fall Semester

- MUSC 101 - Music Appreciation **Credits: 3**
- MUSC 105 - Chorus I **Credits: 1**
- MUSC 150 - Piano Fundamentals I **Credits: 1**

Total Semester Hours: 5

Winter Session

Spring Semester

- MUSC 106 - Chorus II **Credits: 1**
- MUSC 110 - Introductory Music Theory **Credits: 3**
- MUSC 115 - Electronic Music I **Credits: 3**
- MUSC 151 - Piano Fundamentals II **Credits: 1**

Total Semester Hours: 8

Music Option, A.A. - Liberal Arts

This option prepares students for transfer to a four-year college with a major in Music. Students can pursue careers in the music business, music production, music performance, and music education. According to workforce statistics, music majors can also find career opportunities in music publishing, professional music ensembles, music administration or management endeavors. Students are given the opportunity to contribute to and work on SCCC productions and workshops. Students will explore history, musicianship, theory, composition, and performance to develop an individual creative identity.

The objectives of this program are to:

- Demonstrate knowledge of the history, cultural diversity and heritage of music.
- Acquire an appreciation of music and identify a personal aesthetic.
- Recognize music as art and a universal language with organization and structure.
- Identify and articulate the components of music composition.
- Perform music from a variety of genres showing the abilities of a professional.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 106 - Mathematical Concepts **Credits: 3**
- MUSC 105 - Chorus I **Credits: 1**
- MUSC 110 - Introductory Music Theory **Credits: 3**
    - MUSC 121 - Voice I **Credits: 1**

  OR

    - MUSC 130 - Piano I **Credits: 1**
- MUSC 160 - Intro. to Aural Comprehension **Credits: 1**
    - MUSC 002 - Applied Music I **Credits: 1**

Total Semester Hours: 16

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
  - GMSC 000 - Math or Science Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- MUSC 111 - Music Theory II **Credits: 3**
  - MUSC 002 - Applied Music II **Credits: 1**

Total Semester Hours: 13

Summer Session

Second Year

Fall Semester

- ENGL 201 - Effective Speaking **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 3**
  - HIST 000 - History Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - MUSC 002 - Applied Music III **Credits: 1**

Total Semester Hours: 16

Winter Session

Spring Semester

- PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
- HIST 001 - History Gen Ed Requirement **Credits: 3**
- GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- GLCA 001 - Global and Cultural Awareness Requirement **Credits: 3**
- GTEC 001 - Technology Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- HUMN 101 - Survey of World Culture I **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Musical Theater Option, A.A. - Liberal Arts

This option prepares students for transfer to a four-year college with a major in Musical Theater. This option serves as a basis for careers in Musical Theater. Students can pursue careers in the music business, music production, music performance, and music education. According to workforce statistics, music majors can also find career opportunities in music publishing, professional music ensembles, music administration, or management endeavors. Students are given the opportunity to contribute to and work on SCCC productions and workshops. Students will explore history, musicianship, theory, composition, and performance to develop an individual creative identity.

The objectives of this program are to:

- Demonstrate knowledge of the history, cultural diversity and heritage of Musical Theater.
- Acquire an appreciation of music performance and identify a personal aesthetic.
- Recognize music as art and a universal language with organization and structure.
- Identify and articulate the components of music production.
- Perform acting/music from a variety of genres showing the abilities of a professional.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 106 - Mathematical Concepts **Credits: 3**
- MUSC 105 - Chorus I **Credits: 1**
- MUSC 110 - Introductory Music Theory **Credits: 3**

- MUSC 121 - Voice I **Credits: 1**

  OR

- MUSC 130 - Piano I **Credits: 1**

- MUSC 160 - Intro. to Aural Comprehension **Credits: 1**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
  - GMSC 000 - Math or Science Gen Ed Requirement **Credits: 3**
  - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- MUSC 102 - Dance I **Credits: 1**
  - MUSC 002 - Applied Music I **Credits: 1** *

Total Semester Hours: 14

Summer Session

Second Year

Fall Semester

- ENGL 201 - Effective Speaking **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 3**
  - HIST 001 - History Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- MUSC 101 - Music Appreciation **Credits: 3**
  - MUSC 002 - Applied Music II **Credits: 1** *

Total Semester Hours: 16

Winter Session

Spring Semester

- ○ PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
- ○ HIST 001 - History Gen Ed Requirement **Credits: 3**
- ○ GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- ○ GLCA 001 - Global & Cultural Awareness Gen Ed Requirement **Credits: 3**
- MUSC 215 - Musical Theater Performance I **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

*Applied Music I & II - Course number varies based on student's primary instrument or voice. See College catalog for choices.

Philosophy, Technology, Social Science, Global and Cultural Awareness, and Math and Science General Education Courses

Choose from the list of approved courses in the College catalog.

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- ENGL 208 - Theater History I **Credits: 3**

  OR

- THEA 208 - Theater History I **Credits: 3**
- ENGL 209 - Theater History II **Credits: 3**

  OR

- ○ THEA 209 - Theater History II **Credits: 3**

History General Education Courses

Choose from the list of approved History General Education courses in the College catalog. Must choose a level I & II sequence.

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

New Media Communication, A.A.S.

This program is designed to prepare students for career entry in the fields of multimedia design and production and desktop/electronic publishing. The course of study is interdisciplinary in nature, integrating specialized knowledge and skills from three academic areas at Sussex County Community College: computer information systems, communications, and graphic design.

The objectives of this program are to:

- Identify and analyze effective models of communication.
- Apply basic design and computer graphics concepts to create visually aesthetic multimedia presentations.
- Use vendor-supplied multimedia materials for the development of presentation documents.
- Design and produce original interactive multimedia presentations or courseware modules using advanced-level authoring tools and intermediate computer-based production software.
- Apply the presentation planning process, including audience assessment, identification of objectives, and determination of production budget and scheduling.
- Write scripts for multimedia presentations.
- Communicate effectively with both media specialists and non-technical clients.
- Work effectively as members of a design and production team.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- COMM 101 - Intro. to Mass Communications **Credits: 3**
- COMM 130 - Television Production I **Credits: 3**
- GRAD 105 - Vector Graphics & Page Design **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 201 - Effective Speaking **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- GRAD 128 - Digital Imagery & Editing **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- GRAD 142 - Digital Typography and Color **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 3**
- COMM 203 - Writing for the Media **Credits: 3**
- GRAD 109 - Intro. to Digital Marketing **Credits: 3**
- GRAD 119 - Website Management for Digital Marketing **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 215 - Journalism I **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- COMM 220 - Photojournalism **Credits: 3**
- GRAD 235 - Video and Motion Graphics **Credits: 3**
  - GRAD 290 - Internship Portfolio: New Media **Credits: 2**
  - GRAD 291 - Portfolio Preparation and Presentation **Credits: 1**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- PHYS 107 - Introductory Meteorology **Credits: 4**

Humanities or Social Science General Education Courses

Choose from the list of approved General Education courses in the College catalog.

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Nurse Education, A.A.S.

SCCC has entered into a unique collaboration with Passaic County Community College to enable PCCC students to obtain an outstanding nursing education here in Sussex County. In this program, students take the pre-nursing courses with SCCC. Admission to the PCCC Nursing Program is competitive. The selection at the SCCC campus is limited to 20 students. Applicants must note that at the Sussex Campus, priority is given to the residents of Sussex County, NJ and Pike County, PA only. The Sussex Campus also gives preference to applicants who have completed a majority of the required general education credits at SCCC. The priority at the PCCC campus is given to Passaic County residents with others being considered on a space availability basis. The PCCC Nurse Education Program also offers an LPN-RN mobility option.

This option allows LPNs who wish to continue their education to become an RN to get credit for Nursing I after certain admission requirements are met. Nursing II, III, and IV must be completed with the PCCC Nurse Education Program at either the SCCC Campus or the PCCC campus. Acceptance is based on several criteria and the availability of a seat in Nursing II at either campus.

Qualified students who are admitted to the PCCC Nurse Education Program, offered in conjunction with SCCC, take the clinical nursing courses with PCCC here on the SCCC campus and in clinical sites throughout northern NJ. These clinical courses comprise a four-semester sequence which begins every year in January. General education courses from the sciences and liberal arts enhance the students' understanding of clients with acute and chronic health problems. The curriculum prepares students to practice in hospitals and healthcare agencies within the framework of the American Nurses Association's Standards of Practice and the New Jersey Nurse Practice Act. Applicants for admission to the Nurse Education Program must be high school graduates or have high school equivalency diplomas (GED). They also must meet admission criteria selected to ensure that accepted candidates have the potential to succeed in a rigorous academic program.

Admission criteria are minimum standards and, in most cases, applicants accepted into the program exceed these requirements. The following requirements must be met prior to admission.

Meet PCCC Admission Criteria

- Achieve satisfactory scores on the Accuplacer Placement Test for placement in college-level mathematics/English courses, OR complete the required remediation with a grade of "C" or higher.
- Complete CHEM 100 - Introductory Chemistry with a grade of "C" or higher within the past five years. If you have not completed at least one high school laboratory science course within the past five years, it is recommended that you complete a general science laboratory course with a grade of "C" or higher.
- Achieve a passing score on the TEAS (entrance exam) with a minimum of 50% in three subject areas, Math, Reading, and English. A passing score is required but does not guarantee acceptance. Acceptance is based on a point score for three

areas, GPA, Number of college credits, and results of the TEAS.
- Applicants are admitted in rank order of their point score along with other considerations listed in the program description.
- The TEAS test is offered several times each semester through the Testing Center.

The objectives of this program are to:

- Integrate into practice knowledge and skills from the sciences, liberal arts, and nursing.
- Apply the nursing process when caring for clients to promote, restore, and maintain health.
- Individualize nursing care to accommodate cultural, ethnic, and economic differences in clients and families.
- Practice nursing is based on ethical considerations within the legal parameters of the Nurse Practice Act and the American Nurses Association Code of Ethics and Standards of Care.
- Communicate in an effective manner with clients, client's families, and the interprofessional health care team.
- Demonstrate accountability for personal and professional development.
- Integrate developmental principles when caring for clients of all ages.
- Implement evidence-based clinical judgement as an associate degree nurse as a provider of care, manager of care, and member of the interprofessional health care team.
- Collaborate with the interprofessional health care team to ensure continuity of care for clients and their families.

General Education Requirements

GENERAL EDUCATION REQUIREMENTS (34 Credits) Taken through SCCC

Communication (6 cr.)

- ENGL 101 - English Composition I **Credits: 3**
- ENGL 102 - English Composition II **Credits: 3**

Humanities (3 cr.)

Choose from the list of approved General Education courses in the College catalog

Required Science Electives (16 cr.)

- BIOS 103 - Anatomy & Physiology I **Credits: 4**
- BIOS 104 - Anatomy & Physiology II **Credits: 4**
- BIOS 210 - Microbiology **Credits: 4**
- CHEM 100 - Introductory Chemistry **Credits: 4**

Required Social Sciences (9 cr.)

- PSYC 101 - Introduction to Psychology **Credits: 3**
- PSYC 109 - Psychology of the Human Lifespan **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Program Requirements

NURSING CORE (34 Credits) Taught at SCCC Campus for PCCC

Applying for the nursing program is not automatic. Pre-Nursing students must formally submit an application for the nursing program. The application deadline for the nursing program is October 1 each year and the deadline for the LPN Mobility Program is February 1 each year.

Required Courses (34 cr.)

- NUR 101/PCC 101 - Nursing I **Credits: 7** Spring Only
- NUR 102/PCC 102 - Nursing II **Credits: 8** Fall Only
- NUR 201/PCC 201 - Nursing III **Credits: 9** Spring Only
- NUR 202/PCC 202 - Nursing IV **Credits: 9** Fall Only
- NUR 203/PCC 203 - Nursing Transition **Credits: 1** Fall Only

Total Program Hours: 68

The A.A.S. in Nurse Education is conferred by Passaic County Community College. PCCC determines the criteria for successful completion of this program.

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Occupational Therapy Asstistant (Rutgers), A.S.

Optics Technology Option, A.A.S. - Technical Studies

The Optics Technology program gives students an opportunity to gain knowledge and skills in the field of optical manufacturing, and complete integrated general education courses needed for the industry. Students will develop advanced skills in the comprehension of technical drawings, material handling, conventional grinding and polishing, optomechanical assembly, metrology, and quality control. Additionally, students receive training in programming, setting up, and operating CNC grinding and polishing machines. Upon completing this A.A.S. degree program, students will have the necessary skills to become employed, as a technician, in the optics industry. Career opportunities also exist in quality control, optical coating, laser fabrication, fiber optics, and precision assemblies.

The objectives of this program are to:

- Employ safety skills in an industrial setting.
- Demonstrate knowledge and skills in conventional and CNC manufacturing of optics.
- Produce parts to meet technical drawing requirements required in both conventional and computer numerical controlled machines.

- Apply skills in metrology for the purpose of first article inspection reports.
- Perform setup procedures on a computer numerical controlled (CNC) grinding and polishing systems.
- Exhibit professionalism and ethical work practices.
- Perform assembly of multiple optical elements.
- Apply proper handling and cleaning skills of various optical elements.
- Utilize Military and ISO specifications to execute an inspection plan.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
- OPTC 101 - Fundamentals of Optics I **Credits: 3**
- OPTC 107 - Standards of Optics **Credits: 3**
- OPTC 112 - Measurement and Analysis I **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 125 - Tech. Writing & Communication I **Credits: 3**
  - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
  - GNED 000 - General Education Requirement **Credits: 3**
- OPTC 121 - Ray Optics **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - OPTC 000 - Program Option Elective **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- - GHMN 000 - Humanities **Credits: 3**

  OR

  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**
- OPTC 140 - Conventional Optics Manufacturing I **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - OPTC 000 - Program Option Elective **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - OPTC 000 - Program Option Elective **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- GNED 000 - General Education Requirement **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- OPTC 000 - Program Option Elective **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- OPTC 000 - Program Option Elective **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- OPTC 000 - Program Option Elective **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- OPTC 000 - Program Option Elective **Credits: 3**

Total Semester Hours: 15

Summer Semester

Total Program Hours: 60

Humanities/Social Science Gen Ed Requirement

Choose from the list of approved courses listed in the College catalog

Technical Studies Core or Program Electives Courses (Recommended)

Technical Studies credits may be earned for corporate, industrial, or military training programs after review by a faculty assessor of related program. In addition to the recommended courses, individuals without sufficient technical training experience can select courses in one of the programs/options listed below to satisfy the Technical Studies and Program Elective credit requirements. All courses should be selected with assistance from a faculty advisor.

- OPTC 210 - Measurement and Analysis II **Credits: 3** (SP 1st Year)
- OPTC 217 - Optical Materials I **Credits: 3** (FA 2nd Year)
- OPTC 225 - CNC Optics Manufacturing I **Credits: 3** (FA 2nd Year)
- OPTC 231 - Fundamentals of Optics II **Credits: 3** (SP 2nd Year)
- OPTC 240 - Conventional Optics Manufacturing II **Credits: 3** (SP 2nd Year)
- OPTC 247 - CNC Optics Manufacturing II **Credits: 3** (SP 2nd Year)
- OPTC 255 - Advanced Optical Systems **Credits: 3** (SP 2nd Year)

Technology General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- COMS 110 - Computer Concepts & Applications **Credits: 3**

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Optics Technology: CNC, C.O.A.

This program is designed to provide continuing students and professionals with theoretical and hands-on knowledge of the art and science of conventional manufacturing techniques. Students acquire skills for an entry-level position in the manufacturing sector of the photonics industry.

First Year

Fall Semester

- OPTC 107 - Standards of Optics **Credits: 3**
- OPTC 112 - Measurement and Analysis I **Credits: 3**
- OPTC 225 - CNC Optics Manufacturing I **Credits: 3**

Total Semester Hours: 9

Winter Session

Spring Semester

- OPTC 210 - Measurement and Analysis II **Credits: 3**
- OPTC 247 - CNC Optics Manufacturing II **Credits: 3**

Total Semester Hours: 6

Optics Technology: CNC, Certificate

This program is designed to provide students with theoretical and hands-on knowledge of the art and science of conventional manufacturing techniques and training in Computer Numeral Control Programing. Students will have the rare opportunity to learn from industry professionals and acquire skills for an entry-level position in the manufacturing sector of the photonics industry.

Program Outcomes:

- Examine technical drawings in ISO and military specification formats and relevant tolerances.
- Apply learned skills to manufacture optical elements based on technical drawings.
- Manufacture a spherical lens based on a technical drawing.
- Apply cumulative knowledge to polish optics to laser grade quality
- Demonstrate proper setup of grinding and polishing of aspheric lenses through discussions, problem0solving, and interactive demonstrations.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- OPTC 101 - Fundamentals of Optics I **Credits: 3**
- OPTC 107 - Standards of Optics **Credits: 3**
- OPTC 112 - Measurement and Analysis I **Credits: 3**
- OPTC 225 - CNC Optics Manufacturing I **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- MATH 105 - Technical Mathematics **Credits: 3**
- OPTC 121 - Ray Optics **Credits: 3**
- OPTC 231 - Fundamentals of Optics II **Credits: 3**
- OPTC 247 - CNC Optics Manufacturing II **Credits: 3**
  - TECH 000 - Technical Elective **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 30

Technical Elective

Choose from any course with a COMS or OPTC designation.

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Optics Technology: Conventional, C.O.A.

This program is designed to provide continuing students and professionals with theoretical and hands-on knowledge of the art and science of conventional manufacturing techniques. Students acquire skills for an entry-level position in the manufacturing sector of the photonics industry.

First Year

Fall Semester

- OPTC 107 - Standards of Optics **Credits: 3**
- OPTC 112 - Measurement and Analysis I **Credits: 3**
- OPTC 140 - Conventional Optics Manufacturing I **Credits: 3**

Total Semester Hours: 9

Winter Session

Spring Semester

- OPTC 210 - Measurement and Analysis II **Credits: 3**
- OPTC 240 - Conventional Optics Manufacturing II **Credits: 3**

Total Semester Hours: 6

Optics Technology: Conventional, Certificate

This program is designed to provide students with theoretical and hands-on knowledge of the art and science of conventional manufacturing techniques. Students will have the rare opportunity to learn from industry professionals and acquire skills for an entry-level position in the manufacturing sector of the photonics industry.

Program Outcomes:

- Examine technical drawings in ISO and military specification formats and relevant tolerances.
- Apply learned skills to manufacture optical elements based on technical drawings.
- Manufacture a spherical lens based on a technical drawing.
- Apply cumulative knowledge to polish optics to laser grade quality
- Demonstrate proper setup of grinding and polishing of aspheric lenses through discussions, problem-solving, and interactive demonstrations.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- OPTC 101 - Fundamentals of Optics I **Credits: 3**
- OPTC 107 - Standards of Optics **Credits: 3**
- OPTC 112 - Measurement and Analysis I **Credits: 3**
- OPTC 140 - Conventional Optics Manufacturing I **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- MATH 105 - Technical Mathematics **Credits: 3**
- OPTC 121 - Ray Optics **Credits: 3**
- OPTC 231 - Fundamentals of Optics II **Credits: 3**
- OPTC 240 - Conventional Optics Manufacturing II **Credits: 3**
    - TECH 000 - Technical Elective **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 30

Technical Elective

Choose from any course with a COMS or OPTC designation.

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Optics Technology: Metrology, C.O.A.

This program is designed to provide continuing students and professionals with theoretical and hands-on knowledge of the science of optical metrology. Students acquire the necessary skills for a position in the quality assurance sector of photonics industry.

First Year

Fall Semester

- OPTC 101 - Fundamentals of Optics I **Credits: 3**
- OPTC 107 - Standards of Optics **Credits: 3**

- OPTC 112 - Measurement and Analysis I **Credits: 3**

Total Semester Hours: 9

Winter Session

Spring Semester

- OPTC 210 - Measurement and Analysis II **Credits: 3**
- OPTC 231 - Fundamentals of Optics II **Credits: 3**

Total Semester Hours: 6

Optics Technology: Metrology, Certificate

This program is designed to provide students with theoretical and hands-on knowledge of the science of optical metrology. Students will acquire necessary skills for a position in the quality assurance sector of photonics industry.

Program Outcomes:

- Demonstrate an understanding of technical drawings interpretation.
- Execute first article inspection reports for flat, curved, and prism optics.
- Describe fundamentals of metrology theory, error analysis, and observation bias.
- Examine technical drawings in ISO and military specification formats and relevant tolerances.
- Demonstrate an understanding of white light interferometry through discussion and problem-solving.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
- OPTC 101 - Fundamentals of Optics I **Credits: 3**
- OPTC 107 - Standards of Optics **Credits: 3**
- OPTC 112 - Measurement and Analysis I **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- OPTC 210 - Measurement and Analysis II **Credits: 3**
- OPTC 231 - Fundamentals of Optics II **Credits: 3**
  - TECH 000 - Technical Elective **Credits: 3**
  - TECH 000 - Technical Elective **Credits: 3**
  - TECH 000 - Technical Elective **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 30

Technical Elective

Choose from any course with a COMS or OPTC designation.

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Paralegal Studies, A.A.S.

This program is structured to provide a fundamental knowledge of the law while training the student for practical application of the legal concepts learned. The program of study is career-oriented and is not designed specifically for students who plan to transfer to a four-year institution or attend law school.

The objectives of this program are to:

- Seek entry-level positions in law offices, governmental entities (courts, regulatory agencies, and law enforcement agencies, etc.), businesses and non-profit organizations.
- Demonstrate a fundamental understanding of legal issues related to litigation, family law, criminal law, contracts, business entities, wills and probate, real estate transactions, and legal research and writing.
- Assist attorneys in the preparation of a wide variety of legal documents using word processing software while assisting with office management.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- LEGA 100 - Intro. to the American Legal Sys **Credits: 3 (FA & SP)**
- LEGA 105 - Legal Research & Writing I **Credits: 3 (FA)**

Total Semester Hours: 12

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- LEGA 103 - New Jersey Practice **Credits: 3 (SP)**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- LEGA 210 - Legal Research and Writing II **Credits: 3 (SP)**
- BUSA 205 - Business Law I **Credits: 3 (FA, SP & SU)**

Total Semester Hours: 15

Summer Session

- LEGA 115 - Real Estate Transactions **Credits: 3 (SU)**
- BUSA 206 - Business Law II **Credits: 3 (SU)**

Total Semester Hours: 6

Second Year

Fall Semester

- PSYC 101 - Introduction to Psychology **Credits: 3**
- LEGA 110 - Estates and Trusts **Credits: 3 (FA)**
- LEGA 120 - Family Law **Credits: 3 (FA)**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- LEGA 106 - Civil Litigation **Credits: 3 (FA)**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 201 - Effective Speaking **Credits: 3**
- LEGA 281 - Paralegal Internship **Credits: 3 (FA, SP & SU)**
  - PALG 000 - Program Elective **Credits: 3**
  - MASC 000 - Math/Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 12

Summer Session

Total Program Hours: 60

Math, Science, Humanities & Social Science General Education Courses

Choose from the list of approved courses in the College catalogue.

Program Electives (Recommended)

Recommended courses listed below but student can also choose from any LEGA course designation.

- LEGA 215 - Bankruptcy **Credits: 3**
- LEGA 217 - Worker's Compensation **Credits: 3**
- LEGA 218 - Torts **Credits: 3**
- LEGA 230 - Elder Law **Credits: 3**
- LEGA 250 - Spec. Topics in Paralegal Studies **Credits: 4**

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Paralegal, Certificate

This program is structured to provide a fundamental knowledge of the law while training the student for practical application of the legal concepts learned. The program of study is career-oriented and is not designed specifically for students who plan to transfer to a four-year institution or attend law school.

The objectives of this program are to:

- Seek entry-level positions in law offices, governmental entities (courts, regulatory agencies, and law enforcement agencies, etc.), businesses and non-profit organizations.
- Demonstrate a fundamental understanding of legal issues related to litigation, family law, criminal law, contracts, business entities, and legal research and writing.
- Assist attorneys in the preparation of a wide variety of legal documents using word processing software while providing office and organizational support.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- LEGA 100 - Intro. to the American Legal Sys **Credits: 3 (FA&SP)**
- LEGA 105 - Legal Research & Writing I **Credits: 3 (FA)**
- LEGA 106 - Civil Litigation **Credits: 3 (FA)**
- LEGA 120 - Family Law **Credits: 3 (FA)**

Total Semester Hours: 15

Winter Session

Spring Semester

- CERT 000 - Certificate Elective **Credits: 3**
- BUSA 205 - Business Law I **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
- LEGA 103 - New Jersey Practice **Credits: 3 (SP)**
- LEGA 281 - Paralegal Internship **Credits: 3 (FA&SP)**

Total Semester Hours: 15

Summer Session

Total Program Hours: 30

Certificate Electives (Recommended)

- BUSA 206 - Business Law II **Credits: 3**
- LEGA 110 - Estates and Trusts **Credits: 3 (FA)**
- LEGA 215 - Bankruptcy **Credits: 3**
- LEGA 217 - Worker's Compensation **Credits: 3**
- LEGA 218 - Torts **Credits: 3**
- LEGA 223 - Constitutional Law **Credits: 3 (FA)**
- LEGA 230 - Elder Law **Credits: 3 (SP)**
- LEGA 250 - Spec. Topics in Paralegal Studies **Credits: 4**
    - LEGA 215 - Bankruptcy **Credits: 3**
    - LEGA 217 - Worker's Compensation **Credits: 3**

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Personal Trainer, C.O.A.

The Personal Trainer Certificate of Achievement program is designed to prepare the student to take a nationally recognized personal training certification exam, such as the ACSM - Certified Personal Trainer. This program covers the principles of personal training, aerobic and anaerobic conditioning, group fitness instruction, resistance training, nutrition fundamentals, and first aid and emergency care. Students in this program will experience hands-on training by working with a variety of fitness equipment utilized in the profession and will apply that training during a personal training internship. After completing this program and passing a certification exam, students will be prepared for immediate employment as a personal trainer.

First Year

Fall Semester

- BIOS 107 - Nutrition Fundamentals **Credits: 3**
- EXSC 112 - Prin. of Personal Training I **Credits: 3**
- EXSC 121 - Aerobic Conditioning **Credits: 1**
- EXSC 127 - Resistance Training **Credits: 1**

Total Semester Hours: 8

Winter Session

Spring Semester

- EXSC 105 - First Aid and Emergency Care **Credits: 3**
- EXSC 115 - Prin. of Personal Training II **Credits: 3**
- EXSC 123 - Anaerobic Conditioning **Credits: 1**

- EXSC 125 - Group Fitness **Credits: 1**
- EXSC 280 - Personal Trainer Internship **Credits: 1**

Total Semester Hours: 9

Photography Option, A.F.A. - Studio Arts

The Photography Option within the AFA degree prepares students to transfer into a four-year Fine Arts/ Photography Degree Program and/or develop as professionals within the field of Fine Arts Photography. The option combines fine art foundational skills and aesthetics with a contemporary approach to the photographic medium. Students in this program enjoy a unique photography experience that combines traditional chemistry, darkroom, and printing techniques with cutting-edge digital technology. Classes are conducted in SCCC's new photography facilities, in the Graphic Arts computer lab, and in the Fine Art Studios.

Upon completion of this program, graduates will be able to:

- Examine connections between theory and practice.
- Apply abstract relationships and elements to photographic expression.
- Apply black and white film photographic and/or digital technology to fine art photography.
- Develop qualitative decision-making based on current photographic trends and art historical concepts.
- Develop critical thinking using artistic principles drawn from contemporary social, political, or personal issues.
- Create a portfolio.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- ARTA 103 - Art History I **Credits: 3**
- ARTA 101 - Basic Design **Credits: 3**
- PHOT 109 - Intro. to Digital Photography **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- ARTA 104 - Art History II **Credits: 3**
- ARTA 108 - Basic Drawing **Credits: 3**
- ARTA 110 - Intro to Color **Credits: 3**

- GTEC 000 - Technology Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- PHOT 120 - History of Photography **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**
- ARTA 115 - Three Dimensional Design **Credits: 3**
- PHOT 110 - Film Photography I **Credits: 3**
  - ARTA 002 - Studio Art Elective **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ARTA 185 - Digital Fine Art I **Credits: 3**
- PHOT 112 - Film Photography II **Credits: 3**
  - ARTA 002 - Studio Art Elective **Credits: 3**
  - ARTA 002 - Studio Art Elective **Credits: 3**
- PHOT 260 - Portfolio Development/Capstone for Photography **Credits: 3**

Total Semester Hours: 15

Summer Semester

Total Program Hours: 60

Studio Art Elective Courses (Recommended)

Recommended courses listed below but student can also choose from any ARTA, PHOT or ARTA/PHOT designations.

- PHOT 203 - Documentary/Photojournalism **Credits: 3**
- PHOT 205 - Studio Photography **Credits: 3**
- ARTA 135 - Alternative Processes in Photography **Credits: 3**

  OR

- PHOT 135 - Alternative Processes in Photography **Credits: 3**

Technology General Education Courses

Choose from the list of approved General Education courses in the College catalog.

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Photography, C.O.A.

This certificate allows students to concentrate in either documentary photography or photojournalism. Documentary photography will focus on general digital and studio photography. Photojournalism emphasizes location and event photography. The goal of the certificate in photography is to provide the skills necessary for entry-level work as a freelance photographer. Should students wish to continue, credits can later be applied to a two-year AFA degree with a Photography Option.

First Year

Fall Semester

- PHOT 109 - Intro. to Digital Photography **Credits: 3**
- PHOT 203 - Documentary/Photojournalism **Credits: 3**

Total Semester Hours: 6

Winter Session

Spring Semester

- PHOT 205 - Studio Photography **Credits: 3**

- PHOT 240 - Digital Photography II **Credits: 3**

Total Semester Hours: 6

Political Science Option, A.A. - Liberal Arts

The Political Science Option is primarily designed to prepare students to transfer into the junior year of a baccalaureate degree program in political science. In addition, students seeking admission into pre-law or public administration programs would receive a solid academic foundation upon which to build a successful major.

The objectives of this program are to:

- Demonstrate general knowledge of social science inquiry and research.
- Describe the interconnection between economics, history, society and culture and analyze the effects of these influences on political policies and events.
- Provide examples of the impact of both individual and collective action upon our political world.
- Demonstrate an understanding of political theories and their impact on our world.
- Apply classroom knowledge and engage the political process as active citizens.
- Communicate clearly in both oral and written form.
- Demonstrate critical thinking and problem-solving skills.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- POLS 101 - Intro. to Political Science **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
    - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
    - HIST 001 - History Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ENGL 201 - Effective Speaking **Credits: 3**
  - PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
  - HIST 001 - History Gen Ed Requirement **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
  - POLS 000 - Political Science Option Elective **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

  - GSOC 000 Social Science Gen Ed Requirement **Credits: 3**
- ANTH 115 - Biological Anthropology **Credits: 4**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
  - POLS 000 - Political Science Option Elective **Credits: 3**

Total Semester Hours: 14

Summer Session

Total Program Hours: 60

Philosophy, Science, Technology, and Social Science General Education Courses

Choose from the list of approved courses in the College catalog.

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Humanities General Education courses in the College catalog.

- AMSL 101 - American Sign Language I **Credits: 3**
- AMSL 102 - American Sign Language II **Credits: 3**
- SPAN 101 - Elementary Spanish I **Credits: 3**
    - SPAN 101 - Elementary Spanish I **Credits: 3**

History General Education Courses

Choose from the list of approved History General Education courses in the College catalog. Must choose a level I & II sequence.

Political Science Option Electives

(Choose 2 courses)

- POLS 105 - American Government **Credits: 3**
- POLS 106 - State & Local Government **Credits: 3**
- POLS 109 - Modern Political Ideologies **Credits: 3**
- POLS 110 - International Relations **Credits: 3**
- POLS 223 - Constitutional Law **Credits: 3**

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Pre Medical/Dental Option, A.S. - Science/Mathematics

This option under the Associate in Science prepares students for transfer to four-year colleges with a major in pre-medicine or pre-dentistry programs.

According to the National Research Council, students should be able to demonstrate that:

- Science is an evidence-based way of thinking about the natural world and understanding how it operates.
- Science is a process with rules of operation that allow our understanding of the natural world to evolve.
- Science is based on reproducible evidence and observations that contain uncertainties.
- The sciences are related to each other, mathematics, and everyday life.
- Science is driven by globalization, technology, and new instrumentation and measurement tools.
- Scientific meanings of theory and law are different than popular meanings.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- BIOS 110 - Biology I **Credits: 4**
- CHEM 110 - College Chemistry I **Credits: 4**

Total Semester Hours: 14

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- MATH 113 - Calculus I **Credits: 4**
- BIOS 112 - Biology II **Credits: 4**
- CHEM 112 - College Chemistry II **Credits: 4**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- CHEM 210 - Organic Chemistry **Credits: 5** (FA)
- PHYS 110 - Physics I **Credits: 4**
- MATH 114 - Calculus II **Credits: 4**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- CHEM 212 - Organic Chemistry II **Credits: 5** (SP)
- PHYS 112 - Physics II **Credits: 4**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- AMSL 101 - American Sign Language I **Credits: 3**
- HUMN 101 - Survey of World Culture I **Credits: 3**
- PHIL 205 - Contemporary Ethical Issues **Credits: 3**
- SPAN 101 - Elementary Spanish I **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- ANTH 101 - Introduction to Anthropology **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Pre Nutrition/Dietetic Option, A.S. - Science/Mathematics

This option under the AS in Science prepares students for transfer to four-year colleges with a major in pre-nutrition or pre-dietetic programs.

According to the National Research Council, students

should be able to demonstrate that:

- Science is an evidence-based way of thinking about the natural world and understanding how it operates.
- Science is a process with rules of operation that allow our understanding of the natural world to evolve.
- Science is based on reproducible evidence and observations that contain uncertainties.
- The sciences are related to each other, mathematics, and everyday life.
- Science is driven by globalization, technology, and new instrumentation and measurement tools.
- Scientific meanings of theory and law are different than popular meanings.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 110 - Pre-Calculus I **Credits: 3**
- CHEM 110 - College Chemistry I **Credits: 4**
- BIOS 110 - Biology I **Credits: 4**

Total Semester Hours: 17

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
- CHEM 112 - College Chemistry II **Credits: 4**
- BIOS 112 - Biology II **Credits: 4**
- BIOS 107 - Nutrition Fundamentals **Credits: 3**

Total Semester Hours: 17

Summer Session

Second Year

Fall Semester

- CHEM 210 - Organic Chemistry **Credits: 5** (FA)
- BIOS 150 - Nutrition, Fitness & Wellness **Credits: 3** (FA)
- COMS 110 - Computer Concepts & Applications **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 14

Winter Session

Spring Semester

- CHEM 212 - Organic Chemistry II **Credits: 5** (SP)
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- COLL 210 - Capstone for Biological and Clinical Sciences **Credits: 1**

Total Semester Hours: 12

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- AMSL 101 - American Sign Language I **Credits: 3**
- HUMN 101 - Survey of World Culture I **Credits: 3**
- PHIL 205 - Contemporary Ethical Issues **Credits: 3**
- SPAN 101 - Elementary Spanish I **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- ANTH 101 - Introduction to Anthropology **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Pre-Law Option, A.A. - Liberal Arts

Program Goals for Sussex County Community College's Pre-Law Liberal Arts Option: Prepare students seeking admission to law school for rigorous graduate-level academic curriculum by developing those skills particularly important to the study and practice of law. Utilize an interdisciplinary approach emphasizing development of critical thinking, writing and analytical skills. Provide students a curriculum in legal theory that will provide a stimulating, thought-provoking educational experience while providing a foundation upon which to facilitate and promote student success in law school.

The objectives of this program are to:

- Develop critical thinking, writing and analytical skills essential to the study and practice of law.
- Know the fundamental concepts of the American Legal System which will facilitate success in the rigorous study of law.
- Acquire an interdisciplinary education necessary for success in the rigorous study of law.
- Gain insight into and familiarity with the practice of law.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 106 - Mathematical Concepts **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

- POLS 111 - Intro. to the American Legal Sys **Credits: 3**

  OR

- LEGA 100 - Intro. to the American Legal Sys **Credits: 3 (FA & SP)**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- ENGL 201 - Effective Speaking **Credits: 3**

- GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
- GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- LSCI 000 - Science Gen Ed Requirement **Credits: 3**
- POLS 223 - Constitutional Law **Credits: 3 (FA)**

  OR

- LEGA 223 - Constitutional Law **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - HIST 001 - History Gen Ed Requirement **Credits: 3**
- LEGA 105 - Legal Research & Writing I **Credits: 3 (FA)**

Total Semester Hours: 15

Winter Session

Spring Semester

- GMSC 000 - Math/Science Gen Ed Requirement **Credits: 3**
- PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
- PRLW 000 - Option Elective **Credits: 3**
- GLCA 001 - Global & Cultural Awareness Gen Ed Requirement **Credits: 3**
- HIST 001 - History Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Global and Cultural Awareness, Technology, Humanities, Social Science, and Philosophy General Education Courses

Choose from the list of approved courses in the College catalog.

History General Education Courses

Choose from the list of approved History General Education courses in the College catalog. Must choose a level I & II sequence.

Program Option Electives

Choose from BUSA 205 or any LEGA course designation.

Math and Science General Education Courses

Choose from the list of approved Math and Science General Education courses in the College catalog.

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Psychology Option, A.A. - Liberal Arts

The Psychology Option is primarily designed to prepare students to transfer into the junior year of a baccalaureate degree program in psychology. In addition, students seeking admission into pre-law or public administration.

The objectives of this program are to:

- Demonstrate problem-solving skills in the study of social science processes.
- Apply classroom knowledge to real-world situations.
- Demonstrate an understanding of social science issues on local, national and global levels.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
  - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - PSYC 001 - Psychology Option Required Course **Credits: 3**

Total Semester Hours: 16

Summer Session

Second Year

Winter Session

Fall Semester

  - PSYC 001 - Psychology Option Required Course **Credits: 3**
- COLL 207 - Capstone for Psychology **Credits: 1**
  - HIST 001 - History Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 4**

Total Semester Hours: 14

Spring Semester

- ENGL 201 - Effective Speaking **Credits: 3**

- PSYC 237 - Multicultural Psychology **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
    - HIST 001 - History Gen Ed Requirement **Credits: 3**
    - PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Philosophy and Technology General Education Courses

Choose from the list of approved courses in the College catalog.

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Humanities General Education courses in the College catalog.

- AMSL 101 - American Sign Language I **Credits: 3**
- AMSL 102 - American Sign Language II **Credits: 3**
- SPAN 101 - Elementary Spanish I **Credits: 3**
- SPAN 102 - Elementary Spanish II **Credits: 3**

Psychology Option Required Courses

(choose two)

- PSYC 109 - Psychology of the Human Lifespan **Credits: 3**
- PSYC 111 - Child Psychology **Credits: 3**
- PSYC 201 - Abnormal Psychology **Credits: 3**
- PSYC 203 - Theories of Personality **Credits: 3**
- PSYC 205 - Psychology of Gender **Credits: 3**
- PSYC 210 - Social Psychology **Credits: 3**
- PSYC 212 - Adolescent Psychology **Credits: 3**
- PSYC 215 - Psychology of Adult Dev. & Aging **Credits: 3**
- PSYC 280 - Educational Psychology **Credits: 3**

History General Education Courses

Choose from the list of approved History General Education courses in the College catalog. Must choose a level I & II sequence.

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- ANTH 101 - Introduction to Anthropology **Credits: 3**
- PSYC 109 - Psychology of the Human Lifespan **Credits: 3**
- PSYC 111 - Child Psychology **Credits: 3**
- PSYC 212 - Adolescent Psychology **Credits: 3**
- PSYC 215 - Psychology of Adult Dev. & Aging **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Science General Education Courses

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- BIOS 102 - Intro. to Human Biology **Credits: 4**

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Psychosocial Rehabilitation (Rutgers), A.S.

Social Media Marketing Option, A.A.S. - Graphic Design

Graphic designers combine artistic ability with technical knowledge to create designs used in print and electronic media that inform, motivate, educate or sell. The objective of this focused multimedia program is designed to provide traditional techniques and the dynamic structure of current computer-based technology. The program will build the groundwork for a career and provide real-time in a simulated work environment while preparing a competitive portfolio. Students will develop the initiative and critical thinking skills needed to compete in the global marketplace. Approximately one-half of all program graduates go on to complete a baccalaureate degree in graphic design, film, video, illustration, or game art.

The objectives of this program are to:

- Analyze the history of visual culture and design theory, and apply historical relevance in the context of modern industry issues and trends.
- Execute technical, aesthetic, and conceptual decisions based on understanding the functions of graphic design, illustration, web design, and animation.
- Implement current and emerging technologies using both PC and Macintosh platforms as production tools.
- Utilize problem-solving techniques and critical thinking skills across a wide range of media to capture the attention of intended audiences.
- Collaborate with diverse teams of creative contributors, production personnel and clients while working with creative constraints and deadlines.
- Apply knowledge of intellectual property issues.
- Produce a professional portfolio in both traditional and digital formats.

- Qualify for various entry-level industry positions, including desktop publishing, graphic designers, production artists, web designers, digital image processors, digital illustrators, and assistant art directors.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- GRAD 101 - Design I **Credits: 3**
- GRAD 105 - Vector Graphics & Page Design **Credits: 3**
- GRAD 109 - Intro. to Digital Marketing **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 201 - Effective Speaking **Credits: 3**
- BUSA 101 - Intro. to Business **Credits: 3**
    - MAST 000 - Math/Science/Technology Gen Ed Requirement **Credits: 3**
- COMS 155 - Web Site Development I **Credits: 3**
- GRAD 128 - Digital Imagery & Editing **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ARTA 103 - Art History I **Credits: 3**
- BUSA 220 - Principles of Marketing **Credits: 3**
- GRAD 122 - Typography & Layout **Credits: 3**
- GRAD 119 - Website Management for Digital Marketing **Credits: 3**
- GRAD 219 - Digital Marketing II **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ARTA 104 - Art History II **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- GRAD 235 - Video and Motion Graphics **Credits: 3**
- GRAD 280 - Graphic Design Internship **Credits: 2**
- GRAD 281 - Portfolio Prep. & Presentation **Credits: 1**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Math, Science, Technology, Humanities & Social Science General Education Courses

Choose from the list of approved courses in the College catalog.

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Social Media, C.O.A.

This program is structured for students seeking to acquire hands-on experience in Internet marketing, web design, journalism, graphic and media design. Students will develop the skills necessary to create written and visual content for social media sites and focus on using relationship-building social media platforms as a way to communicate with a variety of audiences. Students will be prepared for entry-level positions in social networking, social media strategy, social media copywriting, advertising, public relations, graphic design, and web journalism.

First Year

Fall Semester

- COMS 155 - Web Site Development I **Credits: 3**
- GRAD 105 - Vector Graphics & Page Design **Credits: 3**
- GRAD 128 - Digital Imagery & Editing **Credits: 3**
- GRAD 109 - Intro. to Digital Marketing **Credits: 3**

Total Semester Hours: 12

Winter Session

Spring Semester

- GRAD 119 - Website Management for Digital Marketing **Credits: 3**
- GRAD 219 - Digital Marketing II **Credits: 3**
- GRAD 235 - Video and Motion Graphics **Credits: 3**

Total Semester Hours: 9

Sociology Option, A.A. - Liberal Arts

The Sociology Option is primarily designed to prepare students to transfer into the junior year of a baccalaureate degree program in sociology. In addition, students seeking admission into criminology, criminal justice, pre-law, or public administration programs would receive a solid academic foundation on which to build.

The objectives of this program are to:

- Form hypotheses and execute research methodologies.
- Identify ethical and methodological issues in sociological research.
- Demonstrate an understanding of core sociological theories and basic sociological concepts.
- Apply classroom knowledge to social issues such as crime, racism, poverty, family formation, and religion.
- View society from alternative perspectives.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- SOCA 215 - Perspectives On Race, Gender, Class and Culture **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - HIST 001 - History Gen Ed Requirement **Credits: 3**
- MATH 108 - Statistics **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ENGL 201 - Effective Speaking **Credits: 3**
  - SOCA 000 - Program Elective **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
  - PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- ANTH 115 - Biological Anthropology **Credits: 4**
  - HIST 001 - History Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 4**

Total Semester Hours: 14

Summer Session

Total Program Hours: 60

Philosophy, Science, and Technology General Education Courses

Choose from the list of approved courses in the College catalog.

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Humanities General Education courses in the College catalog.

- AMSL 101 - American Sign Language I **Credits: 3**
- AMSL 102 - American Sign Language II **Credits: 3**
- SPAN 101 - Elementary Spanish I **Credits: 3**
  - SPAN 101 - Elementary Spanish I **Credits: 3**

Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Science General Education courses in the College catalog.

- BIOS 102 - Intro. to Human Biology **Credits: 4**
- BIOS 122 - Intro. to Environmental Science **Credits: 4**

History General Education Courses

Choose from the list of approved History General Education courses in the College catalog. Must choose a level I & II sequence.

Sociology Option Electives

(choose one)

- ECON 101 - Macroeconomics **Credits: 3**
- SOCA 201 - Deviant Behavior **Credits: 3**
- SOCA 202 - The Sociology of Sports **Credits: 3**
- SOCA 203 - Social Research Methods **Credits: 3**
- SOCA 207 - Sociology of Religion **Credits: 3**
- SOCA 208 - Sociology of the Family **Credits: 3**

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Strength Coach, C.O.A.

 The Strength Coach Certificate of Achievement program is designed to prepare the student for certification as a Strength Coach by the National Council on Strength & Fitness (NCSF). This program will teach the student about advanced strength and conditioning concepts used in training programs for athletes of all ages competing in a variety of sports. Students can expect to get hands-on learning in the topics of sports analysis, performance assessment, program development, sports nutrition, and injury prevention. Upon the completion of this program and passing the NCSF-Certified Strength Coach (NCSF-CSC) certification exam, students will be prepared for immediate employment as a strength coach. As per NCSF guidelines, a minimum of an Associate's Degree or NCCA accredited personal trainer certification is required to register for the NCSF-CSC examination.

First Year

Fall Semester

- BIOS 107 - Nutrition Fundamentals **Credits: 3**
- EXSC 105 - First Aid and Emergency Care **Credits: 3**
- EXSC 121 - Aerobic Conditioning **Credits: 1**
- EXSC 127 - Resistance Training **Credits: 1**
- EXSC 131 - Principles of Strength & Conditioning I **Credits: 3**

Total Semester Hours: 11

Winter Session

Spring Semester

- EXSC 123 - Anaerobic Conditioning **Credits: 1**
- EXSC 133 - Principles of Strength & Conditioning II **Credits: 3**
- EXSC 135 - Sports Injuries and Prevention **Credits: 3**
- EXSC 137 - Sports Testing & Interpretation **Credits: 1**
- EXSC 285 - Strength Coach Internship **Credits: 1**

Total Semester Hours: 9

Studio Arts, A.F.A.

This program seeks to assist students in becoming professionals in the field of art and nurtures a sense of artistic freedom and creativity while developing a strong sense of artistic discipline. Students will be encouraged to be inventive but proficient within the framework of a traditional approach to drawing. To become tomorrow's visionary means understanding the significance and uniqueness of one's own time and space defined by the limitless possibilities of personal expression within the boundaries of a universal language. Commitment to a balanced learning process combining fine art fundamentals (drawing/painting/ seeing) with life experience and aesthetic theory will prepare students for a four-year institution or a career in fine art. The primary objective is to provide an environment in which students can achieve a degree of professionalism as technically competent and creative individuals. A sequential course of study will be required.

Students in the Associate of Fine Arts Degree Program at Sussex County Community College are given the opportunity to present their work at the student art exhibit and in the Idiom & Image as well as other College publications.

The objectives of this program are to:

- Display an understanding of abstract relationships and elements, and their expressive potential.
- Exhibit an understanding of form and composition in drawing from the human figure.
- Demonstrate an ability to make connections between theory and practice.
- Demonstrate qualitative decision-making based on current art trends and art historical concepts.
- Demonstrate critical thinking using artistic principles drawn from contemporary social, political, or personal issues.
- Develop a portfolio of artwork.
- Students are expected to provide their own materials and textbooks. Lab fees provide studio time and assistance for art students. See list of "Open Studio Hours" posted in each art studio during the first week of the semester.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- ARTA 103 - Art History I **Credits: 3**
- ARTA 101 - Basic Design **Credits: 3**
    - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ARTA 104 - Art History II **Credits: 3**
- ARTA 108 - Basic Drawing **Credits: 3**
- ENGL 102 - English Composition II **Credits: 3**
- ARTA 110 - Intro to Color **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ARTA 115 - Three Dimensional Design **Credits: 3**
- ARTA 150 - Life Drawing I **Credits: 3**
- ARTA 180 - Painting I **Credits: 3**
    - ARTA 002 - Studio Arts Elective **Credits: 3**
    - ARTA 002 - Studio Arts Elective **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ARTA 107 - History of Contemporary Art **Credits: 3**
- ARTA 201 - Painting II **Credits: 3**
    - ARTA 002 - Studio Arts Elective **Credits: 3**
    - ARTA 002 - Studio Arts Elective **Credits: 3**
- ARTA 260 - Portfolio Development **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Technology General Education Courses

Choose from the list of approved General Education courses in the College catalog.

Studio Arts Electives (Recommended)

Recommended courses listed below but student can also choose from any ARTA course designations.

- ARTA 175 - Ceramics I **Credits: 3**
- ARTA 185 - Digital Fine Art I **Credits: 3**
- ARTA 156 - Life Drawing II **Credits: 3**
- ARTA 200 - Watercolor **Credits: 3**

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Supply Chain Management, A.A.S. - Technical Studies

This program is designed to prepare students for immediate entry into the workforce. The program provides students with fundamental business knowledge, logistics and transportation, skills in inventory control, warehouse management, and supervision for careers in the Supply Chain Management Industry.

Upon completion of this program, graduates will be able to:

- Apply knowledge of business and management with a focus on the function of Supply Chain Management.
- Execute the functions and activities of a Supply Chain Management professional.
- Demonstrate technical competence associated with the Supply Chain Management Industry.
- Utilize leadership skills and employment success strategies in an organizational culture.
- Collaborate in teams where there are diverse populations connecting supply chains and logistics networks
- Communicate industry functions in a professional written and oral manner.
- Interpret basic financial statements and managerial reports.
- Exhibit strong business practices and work ethic appropriate to the Supply Chain Management Industry.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- BUSA 101 - Intro. to Business **Credits: 3**
- SCMG 101 - Principles of Supply Chain Mgmt. **Credits: 3**
- SCMG 105 - Purchasing Mgmt. & Principles **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- ACCT 101 - Accounting Princ. I Financial **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- SCMG 110 - Inventory Management **Credits: 3**
- SCMG 215 - Warehousing Distribution **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- MATH 108 - Statistics **Credits: 3**
- ACCT 102 - Accounting Princ. II Managerial **Credits: 3**
- ECON 101 - Macroeconomics **Credits: 3**
    - GNED 000 - General Education Requirement **Credits: 3**
- BUSA 205 - Business Law I **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- BUSA 120 - Small Business Management **Credits: 3** (SP)
- BUSA 125 - Principles of Supervision **Credits: 3** (SP)
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- SCMG 115 - Shipping, Receiving & Logistics **Credits: 3**
- SCMG 225 - Performance Indicators and Benchmarking **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities & General Education Courses

Choose from the list of approved courses in the College catalog.

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Supply Chain Management, Certificate

This certificate provides students with knowledge of logistics and transportation, skills in inventory control, warehouse management, and supervision for careers in the Supply Chain Management Industry.

The objectives of this program are to:

- Apply knowledge of the major Supply Chain Management functions and activities.
- Demonstrate technical competence associated with the Supply Chain Management Industry.
- Collaborate in an organizational culture where there are diverse populations connecting supply chains and logistics networks.
- Communicate professionally in a written and oral manner.
- Interpret basic financial statements and managerial reports.
- Exhibit strong business practices and work ethic appropriate to the Supply Chain Management Industry.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- BUSA 101 - Intro. to Business **Credits: 3**
- ACCT 101 - Accounting Princ. I Financial **Credits: 3**
- SCMG 101 - Principles of Supply Chain Mgmt. **Credits: 3**
- SCMG 105 - Purchasing Mgmt. & Principles **Credits: 3**

Total Semester Hours: 15

Winter Session

- COMS 110 - Computer Concepts & Applications **Credits: 3**

Total Semester Hours: 3

Spring Semester

- BUSA 120 - Small Business Management **Credits: 3** (SP)
- BUSA 205 - Business Law I **Credits: 3**
- SCMG 110 - Inventory Management **Credits: 3**
- SCMG 115 - Shipping, Receiving & Logistics **Credits: 3**
- SCMG 215 - Warehousing Distribution **Credits: 3**
- SCMG 225 - Performance Indicators and Benchmarking **Credits: 3**

Total Semester Hours: 18

Summer Session

Total Program Hours: 36

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Sustainable Gardening, C.O.A.

This Sustainable Gardening Certificate program is designed for students who are interested in learning how to design, implement and maintain a home garden or landscape. This program prepares students to design and manage sustainable gardens and landscapes. Students will learn important aspects of sustainable gardening. The curriculum will cover sustainable garden design, site selection, soil biology, and plant health, plant pest management, organic farming, and ecological landscape management.

First Year

Fall Semester

- AGSC 107 - Agriculture Pest Control & Mgmt. **Credits: 4**
- HORT 201 - Introduction to Soil Science **Credits: 4**

Total Semester Hours: 8

Winter Session

Spring Semester

- HORT 105 - Sustainable Garden Design **Credits: 3**

Total Semester Hours: 7

Technical Studies, A.A.S.

Provide recognition for work and experience while assisting individuals in their preparation for career advancement or change. This program is designed to provide skills for personal, professional, and community improvement. The program is highly individualized and flexible. Technical Studies credits may be earned for corporate, industrial, or military training programs after review processes. Graduates will be awarded an associate in applied science degree upon successful completion of this program.

The objectives of this program are to:

- Formulate an educational plan designed to accomplish a personal/professional goal.
- Demonstrate an attitude of responsibility to self, employer, and community.
- Advance in career, building on already acquired skills and competencies
- Display increased technical knowledge and skills.
- Demonstrate the comprehensive mathematical, scientific, social, and psychological skills necessary for personal career growth.
- Present technical information in effective oral, written, and technical form.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - TSRQ 000 - Required Course **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - TSRQ 000 - Required Course **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**

OR

- TSRQ 000 - Required Course **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- GTEC 000 - Technology Gen Ed Requirement **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- TSRQ 000 - Required Course **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- TSRQ 000 - Required Course **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- TSRQ 000 - Required Course **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- TSRQ 000 - Required Course **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ENGL 125 - Tech. Writing & Communication I **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - TSRQ 000 - Required Course **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

OR

- TSRQ 000 - Required Course **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**

OR

- TSRQ 000 - Required Course **Credits: 3**

- GHMN 000 - Humanities **Credits: 3**

OR

- GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- TSRQ 000 - Required Course **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- TSRQ 000 - Required Course **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- TSRQ 000 - Required Course **Credits: 3**

- GNED 000 - General Education Requirement **Credits: 3**
- GNED 000 - General Education Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities or Social Science General Education Requirements

Choose from the list of approved Humanities or Social Science courses listed in the College catalog

Technical Studies Core or Technical Studies Required Courses

Technical Studies credits may be earned for corporate, industrial, or military training programs after review by a faculty assessor of related program. Individuals without sufficient technical training experience must select courses in one of the programs/options listed below to satisfy the Technical Studies credit requirements. All courses should be selected with assistance from a faculty advisor.

Technology General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- COMS 110 - Computer Concepts & Applications **Credits: 3**

Select Courses from One of the Following Programs(P)/Options(O)

(Courses must be approved by appropriate faculty advisor):

Agricultural Business (P)

Automotive Service Technology (P)

Building Construction Technology (O)

Business Management (P)

Cosmetology (O)

Computer Information Systems (P)

Diesel Service Technology (O)

Electronic Music & Recording (O)

Engineering Science (O)

Graphic Design (P)

Horticultural Science (P)

Machine Tool Technology (O)

New Media Communications (P)

Welding Technology (O)

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Technical Support, C.O.A.

This certificate will prepare students for a career in supporting the information technology needs of business. The program will focus on industry-standard applications, networking, network security, web design, business programming and operating systems tools. Students will be prepared for careers as computer technicians, technical support and help desk specialists, web designers and programmers, software testers and quality assurance specialists.

First Year

Fall Semester

Total Semester Hours: 15

- COMS 113 - Intro. to Information Systems **Credits: 3**
- COMS 114 - Intro. to Computer Science I **Credits: 3**
  - CERT 000 - Certificate Electives **Credits: 9**

Technical Theater Option, A.A.S. - Technical Studies

The Technical Theater degree provides hands-on practical training and experimental learning in several areas of technical theatre production. Emphasis is on developing skills in modern production technology including constructing and rigging scenery, hanging and focusing of lighting, design and procurement of costumes, make-up, stage management, audio engineering, and procurement of props. Students will have the opportunity to participate in live productions.

The objectives of this program are to:

- Demonstrate well-developed personal skills in the workplace and as part of the crew.
- Investigate and problem solves as an individual and in a collaborative team setting.
- Integrate the techniques of the creative process into the production area.
- Employ the tools, technology, and skills required to problem solve for production.
- Understand and interpret the design areas into a realized form for performance.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- GRAD 101 - Design I **Credits: 3**
- GRAD 107 - Drawing for Designers **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - TCTH 000 - Program Elective **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

OR

- ○ TCTH 000 - Program Elective **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- MATH 105 - Technical Mathematics **Credits: 3**
    - ○ GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
    - ○ TSC 000 - Technical Studies Core **Credits: 3**

    OR

    - ○ TCTH 000 - Program Elective **Credits: 3**
    - ○ TSC 000 - Technical Studies Core **Credits: 3**

    OR

    - ○ TCTH 000 - Program Elective **Credits: 3**
    - ○ TSC 000 - Technical Studies Core **Credits: 3**

    OR

    - ○ TCTH 000 - Program Elective **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ENGL 125 - Tech. Writing & Communication I **Credits: 3**
    - ○ GNED 000 - General Education Requirement **Credits: 3**
- ARTA 115 - Three Dimensional Design **Credits: 3**
    - ○ TSC 000 - Technical Studies Core **Credits: 3**

    OR

    - ○ TCTH 000 - Program Elective **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**

  OR

    - TCTH 000 - Program Elective **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- MUSC 155 - Live Sound Production **Credits: 3**
    - GNED 000 - General Education Requirement **Credits: 3**

    - TSC 000 - Technical Studies Core **Credits: 3**

  OR

    - TCTH 000 - Program Elective **Credits: 3**
- THEA 240 - Set Design and Construction **Credits: 3**

    - GHMN 000 - Humanities **Credits: 3**

  OR

    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Technical Studies Core or Program Elective Courses (Recommended)

Technical Studies credits may be earned for corporate, industrial, or military training programs after review by a faculty assessor of related program. Individuals without sufficient technical training experience must select courses in one of the programs/options listed below to satisfy the Technical Studies credit requirements. All courses should be selected with assistance from a faculty advisor.

- ARTA 108 - Basic Drawing **Credits: 3**
- ARTA 110 - Intro to Color **Credits: 3**
- THEA 102 - Acting I **Credits: 3**
- THEA 130 - Stage and Theater Make-up **Credits: 3**
- THEA 135 - Properties & Set Augmentation **Credits: 3**
- THEA 230 - Theater and Event Lighting **Credits: 3**
- THEA 235 - Costume Technology **Credits: 3**

- THEA 245 - Stage Management **Credits: 3**

Technology General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- COMS 110 - Computer Concepts & Applications **Credits: 3**

Humanities General Education Courses

Choose from the list of approved courses in the College catalog.

General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- THEA 208 - Theater History I **Credits: 3**
  - THEA 209 - Theater History II **Credits: 3**

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Theater Arts Option, A.A. - Liberal Arts

This option prepares students for transfer to a four-year college with a major in Theater and Educational Theater. This option serves as a basis for careers in television, motion pictures, stage, and commercial or educational dramatic endeavors. Students are given the opportunity to contribute to and work on SCCC productions and workshops. In addition, the students are given the opportunity to attend professional productions off-campus.

The objectives of this program are to:

- Stage a scene or monologue.
- Develop and perform on stage a character from a script or from improvisation.
- Work as part of an ensemble to perform in and/or to do the technical preparations to produce a play.
- Identify critical aspects of dramatic literature and theater history.
- Examine and critique theatre performances.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
  - MATH 900 - Math Gen Ed Requirement **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- THEA 102 - Acting I **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**

- THEA 208 - Theater History I **Credits: 3**

  OR

- ENGL 208 - Theater History I **Credits: 3** * (SP)

  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- THEA 103 - Acting II **Credits: 3** (SP)

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ENGL 201 - Effective Speaking **Credits: 3**
- MATH 106 - Mathematical Concepts **Credits: 3**
  - HIST 000 - History Gen Ed Requirement **Credits: 3**
  - PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
- THEA 120 - Performance & Production I **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ○ HIST 000 - History Gen Ed Requirement **Credits: 3**
- ○ LSCI 000 - Science Gen Ed Requirement **Credits: 3**
- ○ GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- SOCA 215 - Perspectives On Race, Gender, Class and Culture **Credits: 3**
- THEA 110 - Theater Workshop I **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

*Student can also take THEA209/ENGL 209 - Theater History II

Philosophy General Education Courses

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- PHIL 110 - Philosophy & the Meaning of Life **Credits: 3**

History General Education Courses

Choose from the list of approved History General Education courses in the College catalog. Must choose a level I & II sequence.

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Social Science General Education courses in the College catalog.

- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Humanities, Global and Cultural Awareness, Technology, and Math and Science General Education Courses

Choose from the list of approved courses in the College catalog.

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Web Design, Certificate

This one-year certificate program is designed to prepare students for entry-level positions in various careers requiring commercial art and/or communication design production skills. The program's courses include the rapidly advancing technology of computer graphics and hands-on training in typography, layout production, and design fundamentals. The credits acquired in this program are applicable toward the A.A.S. in Graphic Design.

The objectives of this program are to:

- Demonstrate entry-level professional Photoshop skills including selecting, editing, retouching, and com positing images.
- Exhibit a refined use of color appropriate for each client and project.
- Research and select appropriate typefaces and design typography to support the branding or communication goal of a particular client or project.
- Utilize a professional design process including research, concept development to create professional level Web page designs.
- Create a consistent, visually appealing web page layouts utilizing Web Editors, hand-coding using HTML and CSS.
- Utilize a computer as a production tool.

First Year

Fall Semester

- ARTA 104 - Art History II **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- COMS 155 - Web Site Development I **Credits: 3**
- GRAD 105 - Vector Graphics & Page Design **Credits: 3**
- GRAD 109 - Intro. to Digital Marketing **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- COMS 114 - Intro. to Computer Science I **Credits: 3**
- COMS 156 - Web Site Development II **Credits: 3**
- GRAD 119 - Website Management for Digital Marketing **Credits: 3**
- GRAD 128 - Digital Imagery & Editing **Credits: 3**
- GRAD 142 - Digital Typography and Color **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 30

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Welding Technology Option, A.A.S. - Technical Studies

The Welding Technology Program provides students with a comprehensive understanding of the science, technology, and applications essential for successful employment in the welding and metal industry. In addition to gaining an overall understanding of welding machines, weld processes, and hands-on proficiency, students develop skills in the areas of print reading, welding symbols, metallurgy, weld inspection, destructive and non-destructive testing. Students gain important knowledge and skills necessary to prepare them for weld qualification to code specifications. Students perform quality welds and cuts, evaluate welds to industry standards, operate metal fabricating equipment, and apply communication skills in the work environment.

Successful graduates of the Welding Technology curriculum may be employed as entry-level technicians in the welding and metalworking industries. Career opportunities also exist in construction, manufacturing, fabrication, sales, quality control, supervision, and welding-related self-employment.

Upon completion of this program, graduates will be able to:

- Demonstrate basic concepts and practices of technical drawing and blueprint reading in accordance with industry standards
- Articulate safety guidelines and proper use of tools
- Articulate industrial quality control procedures
- Perform quality welds and cuts to industry standards.
- Apply principles of welding theory to welding practice
- Demonstrate proper use of welding-related terms
- Demonstrate critical thinking and communication skills.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
- WELD 101 - Welding Safety **Credits: 1**
- WELD 110 - Thermal Cutting and Oxyfuel Welding **Credits: 3**
- WELD 115 - Shielded Metal Arc Welding I **Credits: 3**

  - GHMN 000 - Humanities **Credits: 3**

  OR

  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- ENGL 125 - Tech. Writing & Communication I **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- WELD 120 - Welding Metallurgy **Credits: 2**

  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - WELD 000 - Program Elective **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - WELD 000 - Program Elective **Credits: 3**

Total Semester Hours: 14

Summer Session

Second Year

Fall Semester

  - TSC 000 - Technical Studies Core **Credits: 3**

    OR

- ○ WELD 000 - Program Elective **Credits: 3**

- ○ TSC 000 - Technical Studies Core **Credits: 3**

    OR

- ○ WELD 000 - Program Elective **Credits: 3**

- ○ TSC 000 - Technical Studies Core **Credits: 3**

    OR

- ○ WELD 000 - Program Elective **Credits: 3**

- WELD 135 - Gas Metal Arc Welding **Credits: 3**
  - ○ GNED 000 - General Education Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- WELD 000 - Program Elective **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- WELD 000 - Program Elective **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- WELD 000 - Program Elective **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- WELD 000 - Program Elective **Credits: 3**

- GNED 000 - General Education Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities or Social Science Gen Ed Requirement

Choose from the list of approved courses listed in the College catalog

Technical Studies Core or Program Electives Courses (Recommended)

Technical Studies credits may be earned for corporate, industrial, or military training programs after review by a faculty assessor of related program. Individuals without sufficient technical training experience must select courses in one of the programs/options listed below to satisfy the Technical Studies credit requirements. All courses should be selected with assistance from a faculty advisor.

- WELD 105 - Print Reading & Welding Symbols **Credits: 3** (SP)
- WELD 125 - Shielded Metal Arc Welding II **Credits: 3** (SP)
- WELD 130 - Flux Cored Arc Welding **Credits: 3** (FA)
- WELD 140 - Welding Fabrication **Credits: 3** (FA)
- WELD 201 - Basic Pipe Welding **Credits: 3** (FA)
- WELD 225 - Ornamental Ironwork **Credits: 3** (SP)
- WELD 230 - Creative Welding **Credits: 3** (SP)
- WELD 205 - Gas Tungsten Arc Welding **Credits: 3** (SP)
- WELD 280 - Welding Technology Internship **Credits: 3** (SP)

Select Courses from One of the Following Programs (P)/Options (O)

(Courses must be approved by appropriate faculty advisor):

Automotive Service Technology (P)

Building Construction Technology (O)

Business Management (P)

Computer Information Systems (P)

Diesel Service Technology (O)

Engineering Science (O)

Graphic Design (P)

Machine Tool Technology (O)

Technology General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- COMS 110 - Computer Concepts & Applications **Credits: 3**

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Welding Technology, C.O.A.

The Welding Technology Program provides students with a comprehensive understanding of the science, technology, and applications essential for successful employment in the welding and metal industry. In addition to gaining an overall understanding of welding machines, weld processes, and hands-on proficiency, students develop skills in the areas of print reading, welding symbols, metallurgy, weld inspection, destructive and non-destructive testing. Students gain important knowledge and skills necessary to prepare them for weld qualification to code specifications. Students perform quality welds and cuts, evaluate welds to industry standards, operate metal fabricating equipment, and apply communication skills in the work environment.

First Year

Fall Semester

- WELD 101 - Welding Safety **Credits: 1**
- WELD 110 - Thermal Cutting and Oxyfuel Welding **Credits: 3**
- WELD 115 - Shielded Metal Arc Welding I **Credits: 3**

Total Semester Hours: 7

Winter Session

Spring Semester

- WELD 105 - Print Reading & Welding Symbols **Credits: 3**
- WELD 120 - Welding Metallurgy **Credits: 2**
- WELD 125 - Shielded Metal Arc Welding II **Credits: 3**

Total Semester Hours: 8

Welding Technology, Certificate

The Welding Technology Program provides students with a comprehensive understanding of the science, technology, and applications essential for successful employment in the welding and metal industry. In addition to gaining an overall understanding of welding machines, weld processes, and hands-on proficiency, students develop skills in the areas of print reading, welding symbols, metallurgy, weld inspection, destructive and non-destructive testing. Students gain important knowledge and skills necessary to prepare them for weld qualification to code specifications. Students perform quality welds and cuts, evaluate welds to industry standards, operate metal fabricating equipment, and apply communication skills in the work environment.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- WELD 101 - Welding Safety **Credits: 1**
- WELD 110 - Thermal Cutting and Oxyfuel Welding **Credits: 3**
- WELD 115 - Shielded Metal Arc Welding I **Credits: 3**

Total Semester Hours: 10

Winter Session

Spring Semester

- WELD 105 - Print Reading & Welding Symbols **Credits: 3**
- WELD 125 - Shielded Metal Arc Welding II **Credits: 3**

Total Semester Hours: 6

Winter Session

Second Year

Fall Semester

- MATH 105 - Technical Mathematics **Credits: 3**
- WELD 130 - Flux Cored Arc Welding **Credits: 3**
- WELD 140 - Welding Fabrication **Credits: 3**

Total Semester Hours: 9

Spring Semester

- WELD 120 - Welding Metallurgy **Credits: 2**
- WELD 201 - Basic Pipe Welding **Credits: 3**

Total Semester Hours: 5

WordPress Theme Design, C.O.A.

This certificate is organized for students seeking hands-on experience in learning the WordPress Content Management System (CMS) and will provide the skills needed to design interactive websites using modern digital tools. The WordPress CMS is an Open Source tool and is one of the most popular platforms for either personal or business website development. Acquire the skills necessary to create a personal WordPress site or blog, a fully optimized e-commerce store, analyze and employ plugins as site enhancements and convey a basic understanding of website architecture.

First Year

Fall Semester

- COMS 155 - Web Site Development I **Credits: 3**
- GRAD 105 - Vector Graphics & Page Design **Credits: 3**
- GRAD 119 - Website Management for Digital Marketing **Credits: 3**
- GRAD 128 - Digital Imagery & Editing **Credits: 3**

Total Semester Hours: 12

Winter Session

Spring Semester

- GRAD 211 - Website Management for Digital Marketing II **Credits: 3**
- GRAD 235 - Video and Motion Graphics **Credits: 3**

Total Semester Hours: 6

Degree Programs

Sussex County Community College offers programs leading to the Associate in Arts (A.A.), Associate in Fine Arts (A.F.A.), Associate in Science (A.S.) and Associate in Applied Science (A.A.S.) degrees and programs leading to Professional Certificates.

All matriculated students, whether they plan to transfer to a four year institution or complete their college careers at the end of their programs, are eligible for the associate degree or certificate if all graduation requirements set forth in this catalog have been met. The program outlines are offered as guidelines and courses do not necessarily need to be taken in the order suggested. Please note that many courses require prerequisites.

Academic programs are subject to change. Students should contact the Academic Affairs Office or the Student Advising and Counseling Center for the most current information.

Associate in Arts

The Associate in Arts degree is designed for transfer to a four-year institution.

The programs leading to the Associate in Arts degree parallel those offered in the freshman and sophomore years at fouryear institutions. Students who satisfactorily complete their chosen programs will be able to continue their college education into their junior and senior years at four-year colleges or universities.

Anthropology Option, A.A. - Liberal Arts

The Anthropology Option is primarily designed to prepare students to transfer into the junior year of a baccalaureate degree program in anthropology. In addition, students seeking admission into cultural area studies programs such as African-American Studies, Latina/o Studies, and Women's Studies would receive a solid academic foundation on which to build.

Upon completion of this program, graduates will be able to:

- Demonstrate critical analysis and empathy skills.
- Identify ethical issues in anthropological research.
- Demonstrate an understanding of human origins and past and present cultures.
- Apply classroom knowledge to issues of globalization, human diversity, human ecology, language, and religion.
- View societies from evolutionary and cross-cultural perspectives.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- ANTH 101 - Introduction to Anthropology **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
    - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
    - HIST 001 - History Gen Ed Requirement **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ENGL 201 - Effective Speaking **Credits: 3**
- ANTH 120 - Cultural Anthropology **Credits: 3**
    - PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
    - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- - ANTH 110 - Physical Anthropology **Credits: 3**
    - HIST 001 - History Gen Ed Requirement **Credits: 3**
    - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
    - ANTH 000 - Anthropology Option Elective **Credits: 3**
- COLL 201 - Capstone for Liberal Arts **Credits: 1**

Total Semester Hours: 14

Summer Session

Total Program Hours: 60

Philosophy and Social Science General Education Courses

Choose from the list of approved courses in the College catalog.

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Humanities General Education courses in the College catalog.

- AMSL 101 - American Sign Language I **Credits: 3**
- AMSL 102 - American Sign Language II **Credits: 3**
- SPAN 101 - Elementary Spanish I **Credits: 3**
    - SPAN 101 - Elementary Spanish I **Credits:** 3

Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Science General Education courses in the College catalog.

- BIOS 101 - General Biology **Credits: 4**
- BIOS 102 - Intro. to Human Biology **Credits: 4**
- BIOS 122 - Intro. to Environmental Science **Credits: 4**
- BIOS 130 - Introduction to Botany **Credits: 4**
- CHEM 100 - Introductory Chemistry **Credits: 4**
- GEOL 110 - Historical Geology **Credits: 4**

History General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved History General Education courses in the College catalog. Must choose a level I & II sequence.

- HIST 101 - Hist of Western Civilization I **Credits: 3**
- HIST 102 - Hist of Western Civilization II **Credits: 3**

Technology General Education Courses

Choose from the list of approved Technology General Education courses in the College catalog.

Anthropology Option Electives (Choose One)

- ANTH 131 - Principles of Archaeology **Credits: 3**
- ANTH 133 - Archaeology Field Methods **Credits: 3**
- ANTH 150 - Magic, Myth & Religion **Credits: 3**

Developmental Courses

Sussex has embraced a practice of directed self-choice whereby students are encouraged, through guided conversations with an advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Communication/Journalism Option, A.A. - Liberal Arts

This associate degree program prepares students for transfer to a four-year college with a major in Journalism and/or Communications. The Journalism major can also serve as a basis for careers in newspapers, magazines, radio and television stations, websites, as well as public relations, advertising, and marketing departments and organizations. Students are given the opportunity to contribute to and work on SCCC publications such as the *College Hill News*.

Upon completion of this program, graduates will be able to:

- Communicate with speed and accuracy.
- Understand how to interpret the source's information and quotes.
- Know how to use appropriate and trustworthy background information.
- Write according to style guide dictates.
- Compose with grammatical and mechanical precision.
- Distinguish among gossip, hearsay, innuendo, insinuation, and prediction.
- Adapt communicating styles to suit the particular demands of any medium.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
    - MATH 900 - Math Gen Ed Requirement **Credits: 3**
    - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
- COMM 101 - Intro. to Mass Communications **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
    - GMSC 000 - Math/Science Gen Ed Requirement **Credits: 3**
    - PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
    - HIST 001 - History Gen Ed Requirement **Credits: 3**
    - PHOT 220 - Photojournalism **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ENGL 201 - Effective Speaking **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- POLS 101 - Intro. to Political Science **Credits: 3**
- ARTA 104 - Art History II **Credits: 3**
- ENGL 215 - Journalism I **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

  - LSCI 000 - Science Gen Ed Requirement **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - HIST 001 - History Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- ENGL 217 - Journalism II **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Philosophy General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Philosophy General Education courses in the College catalog.

- PHIL 110 - Philosophy & the Meaning of Life **Credits: 3**

Technology & Humanities General Education Courses

Choose from the list of approved courses in the College catalog.

History General Education Courses

Recommended courses listed below but student can also choose from the list of approved History General Education courses in the College catalog. Must choose a level I & II sequence.

- HIST 101 - Hist of Western Civilization I **Credits: 3**
- HIST 102 - Hist of Western Civilization II **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Social Science General Education courses in the College catalog.

- POLS 105 - American Government **Credits: 3**

Math/Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Math and Science General Education courses in the College catalog.

- MATH 104 - Contemporary Mathematics **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
- PHYS 107 - Introductory Meteorology **Credits: 4**
- BIOS 108 - Introduction to Environmental Sustainability **Credits: 4**

Developmental Courses

Sussex has embraced a practice of directed self-choice whereby students are encouraged, through guided conversations with an advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Communications/Broadcast Option, A.A. - Liberal Arts

The Broadcasting Option is designed to empower students with the proper skills and knowledge to seek careers in the many phases of the media industry including television and film, radio and audio production, broadcast journalism, and video production. In addition, students are prepared for enrollment into four-year

institutions. Students acquire the technical knowledge supported by a strong basis in theory and creativity. They prepare for entry-level positions as directors, camera operators, composers, audio engineers, writers, and on-air talent within the industry. The Broadcasting option provides graduates with real-world experience through the facilities of EDTV20 the College's educational broadcast facility and our web-based radio station.

Production classes are hands-on, involving state-of-the-art studio and field audio and video production equipment, control room operation, sophisticated high-end digital video editing, lighting for video and film, writing, producing, and directing. This course of study will prepare students to utilize their learned technical skills to apply the theoretical and creative communications knowledge to sound and screen.

Upon completion of this program, graduates will be able to:

- Achieve entry-level competence for a position in cable television, professional commercial broadcast facilities, and commercial industrial instructional and web based video and audio production facilities.
- Create short program segments and shows for cable television.
- Write, produce, direct, and edit news and segments of a variety of television and radio programs.
- Write, produce and edit radio and television commercials.
- Perform all competencies of on-air talent in news, sports broadcasting, and interviewing.
- Produce and broadcast live and tape delay sporting events.
- Operate efficiently all video and audio production equipment.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
  - MATH 900 - Math Gen Ed Requirement **Credits: 3**
  - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
- COMM 101 - Intro. to Mass Communications **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
  - GMSC 000 - Math/Science Gen Ed Requirement **Credits: 3**
  - PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
  - HIST 001 - History Gen Ed Requirement **Credits: 3**
- COMM 130 - Television Production I **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ENGL 201 - Effective Speaking **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- ARTA 104 - Art History II **Credits: 3**
- COMM 203 - Writing for the Media **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- LSCI 000 - Science Gen Ed Requirement **Credits: 3**
- GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- HIST 001 - History Gen Ed Requirement **Credits: 3**
- GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- COMM 205 - Radio & Television Performance **Credits: 3**

Total Semester Hours: 15

Summer Semester

Total Program Hours: 60

Philosophy General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Philosophy General Education courses in the College catalog.

- PHIL 110 - Philosophy & the Meaning of Life **Credits: 3**

Humanities & Technology General Education Courses

Choose from the list of approved General Education courses in the College catalog.

History General Education Courses

Recommended courses listed below but student can also choose from the list of approved History General Education courses in the College catalog. Must choose a level I & II sequence.

- HIST 101 - Hist of Western Civilization I **Credits: 3**
- HIST 102 - Hist of Western Civilization II **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Social Science General Education courses in the College catalog.

- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Math/Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Math and Science General Education courses in the College catalog.

- MATH 104 - Contemporary Mathematics **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
- PHYS 107 - Introductory Meteorology **Credits: 4**
- BIOS 108 - Introduction to Environmental Sustainability **Credits: 4**

Developmental Courses

Sussex has embraced a practice of directed self-choice whereby students are encouraged, through guided conversations with an advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Communications/Film Study Option, A.A. - Liberal Arts

As a popular art form, film is a prominent medium in our society. Students invest a great deal of time and money enjoying a medium that is capable of shaping audiences' cultural lives. The academic rationale for the Film Studies Option is to combine creative and critical thinking. As a result, students will receive a rigorous understanding of film criticism, screenwriting, and filmmaking. Film Studies will investigate the psychological, social, technical, and critical aspects of this medium, particularly focusing on how the medium can manipulate audiences.

Film Studies completes and complements the existing Communications Options in Journalism and Broadcasting. It is designed to be interdisciplinary in nature, drawing on the combined skills of professors from the Journalism, Broadcasting, and Fine Arts options.

Other courses in the program will include "Cinematography," "Writing for the Media," and "Critical Analysis of the Cinema," a course which has been running for nearly a decade and which has enjoyed a 100 percent transfer record to Rutgers, Montclair, and William Paterson universities, to name only a few four-year institutions.

Upon completion of this program, graduates will be able to:

- Demonstrate an understanding of the cultural, social and political impact of film on contemporary society.
- Demonstrate an understanding of the technical and creative aspects of film.
- Exhibit an understanding of the history of cinematography.
- Demonstrate an understanding of the film industry in relation to journalism, broadcasting, and the fine arts.
- Strengthen and enhance the ability of individuals to write and think critically about the art of film in its cultural context.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
  - MATH 900 - Math Gen Ed Requirement **Credits: 3**
  - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
- COMM 101 - Intro. to Mass Communications **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
  - GMSC 000 - Math/Science Requirement **Credits: 3**
  - PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
  - HIST 001 - History Gen Ed Requirement **Credits: 3**
- COMM 223 - The Gothic in Liter. & Cinema **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ENGL 201 - Effective Speaking **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- ARTA 104 - Art History II **Credits: 3**
- COMM 230 - Crit. Analy. & Survey of Cinema **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- LSCI 000 - Science Gen Ed Requirement **Credits: 3**
- GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- HIST 001 - History Gen Ed Requirement **Credits: 3**
- GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- COMM 132 - Cinematography **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Philosophy General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Philosophy General Education courses in the College catalog.

- PHIL 110 - Philosophy & the Meaning of Life **Credits: 3**

History General Education Courses

Recommended courses listed below but student can also choose from the list of approved History General Education courses in the College catalog. Must choose a level I & II sequence.

- HIST 101 - Hist of Western Civilization I **Credits: 3**
- HIST 102 - Hist of Western Civilization II **Credits: 3**

Humanities & Technology General Education Courses

Choose from the list of approved Technology General Education courses in the College catalog.

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Social Science General Education courses in the College catalog.

- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Math/Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Math and Science General Education courses in the College catalog.

- MATH 104 - Contemporary Mathematics **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
- PHYS 107 - Introductory Meteorology **Credits: 4**
- BIOS 108 - Introduction to Environmental Sustainability **Credits: 4**

Developmental Courses

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The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Elementary/Secondary Education Option, A.A. - Liberal Arts

The elementary/secondary option is designed for students interested in pursuing a bachelor's degree with teacher certification. The program is based on New Jersey teacher certification regulations and emulates the freshman and sophomore curriculum in four-year institutions, enabling student transfer to four-year institutions.

Upon completion of this program, graduates will be able to:

- Demonstrate an understanding of child growth and development and relate it to learning opportunities in all domains of development.
- Display an awareness and appreciation for diversity and multi-culturalism and the interrelationship between families, school, and society.
- Reflect on the multifaceted roles of a teacher and the principles and practices involved in teaching.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 104 - Contemporary Mathematics **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
  - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
  - EDUC 000 - Program Requirement **Credits: 3**

Total Semester Hours: 16

Summer Session

Second Year

Fall Semester

- ENGL 201 - Effective Speaking **Credits: 3**
    - EDUC 000 - Program Requirement **Credits: 3**
    - HIST 001 - History Gen Ed Requirement **Credits: 3**
    - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
- SOCA 215 - Perspectives On Race, Gender, Class and Culture **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- EDUC 291 - Portfolio Develop. in Education **Credits: 1**
    - HIST 001 - History Gen Ed Requirement **Credits: 3**
    - PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- EDUC 286 - Principles & Practices of Teaching as a Profession **Credits: 3 (SP)**

Total Semester Hours: 13

Summer Session

Total Program Hours: 60

Philosophy General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Philosophy General Education courses in the College catalog.

- PHIL 110 - Philosophy & the Meaning of Life **Credits: 3**

Humanities & Technology General Education Courses

Choose from the list of approved courses in the College catalog.

Science General Education Courses (Recommended)

Choose from the list of approved Science General Education courses in the College catalog.

- BIOS 101 - General Biology **Credits: 4**
- BIOS 122 - Intro. to Environmental Science **Credits: 4**

History General Education Courses

Choose from the list of approved History General Education courses in the College catalog. Must choose a level I & II sequence.

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Social Science General Education courses in the College catalog.

- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Program Required Courses

(choose two)

- CDEV 101 - Intro. to Early Childhood Educ. **Credits: 3**
- EDUC 202 - Historical and Philosophical Patterns in Education **Credits: 3 (FA)**
- PSYC 280 - Educational Psychology **Credits: 3**

Developmental Courses

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English Option, A.A. - Liberal Arts

This program prepares students for transfer to a four-year college with a major in writing and/or literature. Students will develop excellent reading, writing, analysis, and research skills. Therefore, an English major can serve as a basis for careers in education, business, law, and publishing.

Students majoring in English are given the opportunity to publish their work in College publications such as *Idiom & Image*.

Upon completion of this program, graduates will be

able to:

- Communicate clearly, formally, and informally, in both oral and written form.
- Demonstrate facility in critical thinking, problem-solving, and textual analysis.
- Compose literary research papers using scholarly, peer-reviewed critical sources.
- Demonstrate an understanding of the diverse historical and social factors that shape authors and texts.
- Display an appreciation for the place of literary texts within their individual lives and in the world as a global society.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
  - MATH 900 - Math Gen Ed Requirement **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- ENGL 201 - Effective Speaking **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 3**
  - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ENGL 213 - Literary Masterpieces of the Western World I **Credits: 3**

- ENGL 001 - Literature Sequence Requirement **Credits: 3**
- GMSC 000 - Math or Science Gen Ed Requirement **Credits: 3**
- PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
- HIST 001 - History Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 207 - Literature by Women **Credits: 3**
  - ENGL 001 - Literature Sequence Requirement **Credits: 3**
  - HIST 001 - History Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
  - ENGL 000 - Program Elective **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Humanities General Education courses in the College catalog.

- ARTA 103 - Art History I **Credits: 3**
- ARTA 104 - Art History II **Credits: 3**
- ARTA 106 - Art Appreciation **Credits: 3**
- ARTA 107 - History of Contemporary Art **Credits: 3**
- HUMN 101 - Survey of World Culture I **Credits: 3**
- HUMN 102 - Survey of World Culture II **Credits: 3**
- MUSC 101 - Music Appreciation **Credits: 3**
- THEA 208 - Theater History I **Credits: 3**

  OR

- ENGL 208 - Theater History I **Credits: 3**
  - THEA 209 - Theater History II **Credits: 3**

  OR

- ENGL 209 - Theater History II **Credits: 3**
- PHOT 120 - History of Photography **Credits: 3**
- AMSL 101 - American Sign Language I **Credits: 3**
- AMSL 102 - American Sign Language II **Credits: 3**

- GRMN 101 - Elementary German I **Credits: 3**
- GRMN 102 - Elementary German II **Credits: 3**
- SPAN 101 - Elementary Spanish I **Credits: 3**
- SPAN 102 - Elementary Spanish II **Credits: 3**

Math/Science General Education Courses (Recommended)

Recommended courses listed below, student can also choose from the list of approved Math and Science General Education courses in the College catalog.

- MATH 104 - Contemporary Mathematics **Credits: 3**
- MATH 106 - Mathematical Concepts **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
- BIOS 101 - General Biology **Credits: 4**
- BIOS 102 - Intro. to Human Biology **Credits: 4**
- BIOS 108 - Introduction to Environmental Sustainability **Credits: 4**
- BIOS 122 - Intro. to Environmental Science **Credits: 4**
- PHYS 107 - Introductory Meteorology **Credits: 4**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Philosophy General Education courses in the College catalog.

- ANTH 101 - Introduction to Anthropology **Credits: 3**
- POLS 101 - Intro. to Political Science **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Literature Sequence Courses

(Choose one sequence)

- ENGL 203 - American Literature I **Credits: 3**

  AND

- ENGL 204 - American Literature II **Credits: 3**
- ENGL 230 - British Literature I **Credits: 3**

  AND

- ENGL 231 - British Literature II **Credits: 3**

Program Electives (Recommended)

  - ENGL 205 - Contemporary Literature **Credits: 3**
  - ENGL 210 - Modern Short Novel **Credits: 3**
- ENGL 211 - The Short Story **Credits: 3**
  - ENGL 214 - Literary Masterpieces of the Western World II **Credits: 3**
- ENGL 216 - Children's Literature **Credits: 3**

- ENGL 220 - Creative Writing **Credits: 3**
- ENGL 221 - Modern Poetry **Credits: 3**
- ENGL 222 - Shakespeare **Credits: 3**

Philosophy & Technology General Education Courses

Choose from the list of approved courses in the College catalog.

History General Education Courses

Choose from the list of approved History General Education courses in the College catalog. Must choose a level I & II sequence.

Developmental Courses

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History Option, A.A. - Liberal Arts

The History Option is primarily designed to prepare students to transfer into the junior year of a baccalaureate degree program in history. In addition, students seeking admission into political science or pre-law programs would receive a solid academic foundation upon which to build a successful major.

The objectives of this program are to:

- Demonstrate general knowledge of historical inquiry and research.
- Describe the interconnection between economics, politics, society and culture, and analyze the effects of these influences on historic development.
- Provide examples of the impact of individual and collective action upon historic development.
- Examine the impact of perspective on the interpretation of historic events.
- Communicate clearly in both oral and written form.
- Demonstrate critical thinking and problem-solving skills.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
    - HIST 001 - History Gen Ed Requirement **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
    - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
    - HIST 001 - History Gen Ed Requirement **Credits: 3**
    - MATH 900 - Math Gen Ed Requirement **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- POLS 105 - American Government **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- HIST 105 - U.S. History I **Credits: 3**
    - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
    - PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
- ANTH 120 - Cultural Anthropology **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- ENGL 201 - Effective Speaking **Credits: 3**
- HIST 106 - U.S. History II **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
- ANTH 115 - Biological Anthropology **Credits: 4**

Total Semester Hours: 14

Summer Session

Total Program Hours: 60

Philosophy, Technology, Math and Science General Education Courses

Choose from the list of approved courses in the College catalog.

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Humanities General Education courses in the College catalog.

- AMSL 101 - American Sign Language I **Credits: 3**
- AMSL 102 - American Sign Language II **Credits: 3**
- SPAN 101 - Elementary Spanish I **Credits: 3**
- SPAN 102 - Elementary Spanish II **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Social Science General Education courses in the College catalog.

- SOCA 101 - Intro. to Sociology **Credits: 3**

History General Education Courses

Recommended courses listed below but student can also choose from the list of approved History General Education courses in the College catalog. Must choose a level I & II sequence.

- HIST 101 - Hist of Western Civilization I **Credits: 3**
- HIST 102 - Hist of Western Civilization II **Credits: 3**

Developmental Courses

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Liberal Arts, A.A.

This program is structured to provide a knowledge base in languages and literature, the social sciences, humanities, mathematics, and the sciences which lay a diversified foundation for students seeking to transfer to a four-year institution. The program is also designed to accommodate students who wish to complete their liberal arts education with an associate degree. The Associate of Arts in Liberal Arts provides opportunities to develop self-understanding, global awareness, and critical thinking skills. Students may select the general option or choose one of the specialized options: Anthropology, Communications/ Broadcasting, Communication/Journalism, Dramatic Arts,

Elementary/Secondary Education, English, History, Pre-Law, Psychology, Sociology. Law, government service, medicine, publishing, and teaching are only a few of the possibilities open to liberal arts graduates, because of the broad foundation achieved upon graduation.

The objectives of this program are to:

- Communicate clearly in both oral and written form.
- Demonstrate skill in critical thinking, problem-solving, and research.
- Understand basic vocabulary, facts and concepts of the humanities, social sciences and natural sciences.
- Examine the values in one's personal life and society.
- Understand the basics of a foreign language.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
    - MATH 900 - Math Gen Ed Requirement **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 3**
  - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ENGL 201 - Effective Speaking **Credits: 3**
  - GMSC 000 - Math or Science Gen Ed Requirement **Credits: 3**
  - HIST 001 - History Gen Ed Requirement **Credits: 3**
  - GLIT 000 - Literature Elective **Credits: 3**
  - LIBA 000 - Liberal Arts Elective **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- HIST 001 - History Gen Ed Requirement **Credits: 3**
- GLCA 001 - Global and Cultural Awareness Gen Ed Requirement **Credits: 3**
- PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
- LIBA 000 - Liberal Arts Elective **Credits: 3**
- LIBA 000 - Liberal Arts Elective **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Social Science, Humanities, Global and Cultural Awareness, History, Literature, Math and Science, Liberal Arts, Technology and Philosophy General Education Courses

Choose from the list of approved courses in the College catalog.

Developmental Courses

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Music Option, A.A. - Liberal Arts

This option prepares students for transfer to a four-year college with a major in Music. Students can pursue careers in the music business, music production, music performance, and music education. According to workforce statistics, music majors can also find career opportunities in music publishing, professional music ensembles, music administration or management endeavors. Students are given the opportunity to contribute to and work on SCCC productions and workshops. Students will explore history, musicianship, theory, composition, and performance to develop an individual creative identity.

The objectives of this program are to:

- Demonstrate knowledge of the history, cultural diversity and heritage of music.
- Acquire an appreciation of music and identify a personal aesthetic.
- Recognize music as art and a universal language with organization and structure.
- Identify and articulate the components of music composition.
- Perform music from a variety of genres showing the abilities of a professional.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 106 - Mathematical Concepts **Credits: 3**
- MUSC 105 - Chorus I **Credits: 1**

- MUSC 110 - Introductory Music Theory **Credits: 3**
  - MUSC 121 - Voice I **Credits: 1**

  OR

  - MUSC 130 - Piano I **Credits: 1**
- MUSC 160 - Intro. to Aural Comprehension **Credits: 1**
  - MUSC 002 - Applied Music I **Credits: 1**

Total Semester Hours: 16

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
  - GMSC 000 - Math or Science Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- MUSC 111 - Music Theory II **Credits: 3**
  - MUSC 002 - Applied Music II **Credits: 1**

Total Semester Hours: 13

Summer Session

Second Year

Fall Semester

- ENGL 201 - Effective Speaking **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 3**
  - HIST 000 - History Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - MUSC 002 - Applied Music III **Credits: 1**

Total Semester Hours: 16

Winter Session

Spring Semester

- PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
- HIST 001 - History Gen Ed Requirement **Credits: 3**
- GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- GLCA 001 - Global and Cultural Awareness Requirement **Credits: 3**
- GTEC 001 - Technology Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- HUMN 101 - Survey of World Culture I **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Musical Theater Option, A.A. - Liberal Arts

This option prepares students for transfer to a four-year college with a major in Musical Theater. This option serves as a basis for careers in Musical Theater. Students can pursue careers in the music business, music production, music performance, and music education. According to workforce statistics, music majors can also find career opportunities in music publishing, professional music ensembles, music administration, or management endeavors. Students are given the opportunity to contribute to and work on SCCC productions and workshops. Students will explore history, musicianship, theory, composition, and performance to develop an individual creative identity.

The objectives of this program are to:

- Demonstrate knowledge of the history, cultural diversity and heritage of Musical Theater.
- Acquire an appreciation of music performance and identify a personal aesthetic.
- Recognize music as art and a universal language with organization and structure.
- Identify and articulate the components of music production.
- Perform acting/music from a variety of genres showing the abilities of a professional.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 106 - Mathematical Concepts **Credits: 3**
- MUSC 105 - Chorus I **Credits: 1**
- MUSC 110 - Introductory Music Theory **Credits: 3**

- MUSC 121 - Voice I **Credits: 1**

  OR

- MUSC 130 - Piano I **Credits: 1**

- MUSC 160 - Intro. to Aural Comprehension **Credits: 1**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
    - GMSC 000 - Math or Science Gen Ed Requirement **Credits: 3**
    - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- MUSC 102 - Dance I **Credits: 1**
    - MUSC 002 - Applied Music I **Credits: 1** *

Total Semester Hours: 14

Summer Session

Second Year

Fall Semester

- ENGL 201 - Effective Speaking **Credits: 3**
    - LSCI 000 - Science Gen Ed Requirement **Credits: 3**
    - HIST 001 - History Gen Ed Requirement **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- MUSC 101 - Music Appreciation **Credits: 3**
    - MUSC 002 - Applied Music II **Credits: 1** *

Total Semester Hours: 16

Winter Session

Spring Semester

- PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
- HIST 001 - History Gen Ed Requirement **Credits: 3**
- GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- GLCA 001 - Global & Cultural Awareness Gen Ed Requirement **Credits: 3**
- MUSC 215 - Musical Theater Performance I **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

*Applied Music I & II - Course number varies based on student's primary instrument or voice. See College catalog for choices.

Philosophy, Technology, Social Science, Global and Cultural Awareness, and Math and Science General Education Courses

Choose from the list of approved courses in the College catalog.

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- ENGL 208 - Theater History I **Credits: 3**

  OR

- THEA 208 - Theater History I **Credits: 3**
- ENGL 209 - Theater History II **Credits: 3**

  OR

  - THEA 209 - Theater History II **Credits: 3**

History General Education Courses

Choose from the list of approved History General Education courses in the College catalog. Must choose a level I & II sequence.

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Political Science Option, A.A. - Liberal Arts

The Political Science Option is primarily designed to prepare students to transfer into the junior year of a baccalaureate degree program in political science. In addition, students seeking admission into pre-law or public administration programs would receive a solid academic foundation upon which to build a successful major.

The objectives of this program are to:

- Demonstrate general knowledge of social science inquiry and research.
- Describe the interconnection between economics, history, society and culture and analyze the effects of these influences on political policies and events.
- Provide examples of the impact of both individual and collective action upon our political world.
- Demonstrate an understanding of political theories and their impact on our world.
- Apply classroom knowledge and engage the political process as active citizens.
- Communicate clearly in both oral and written form.
- Demonstrate critical thinking and problem-solving skills.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- POLS 101 - Intro. to Political Science **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - HIST 001 - History Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ENGL 201 - Effective Speaking **Credits: 3**
  - PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
  - HIST 001 - History Gen Ed Requirement **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
  - POLS 000 - Political Science Option Elective **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

  - GSOC 000 Social Science Gen Ed Requirement **Credits: 3**
- ANTH 115 - Biological Anthropology **Credits: 4**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
  - POLS 000 - Political Science Option Elective **Credits: 3**

Total Semester Hours: 14

Summer Session

Total Program Hours: 60

Philosophy, Science, Technology, and Social Science General Education Courses

Choose from the list of approved courses in the College catalog.

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Humanities General Education courses in the College catalog.

- AMSL 101 - American Sign Language I **Credits: 3**
- AMSL 102 - American Sign Language II **Credits: 3**
- SPAN 101 - Elementary Spanish I **Credits: 3**
  - SPAN 101 - Elementary Spanish I **Credits: 3**

History General Education Courses

Choose from the list of approved History General Education courses in the College catalog. Must choose a level I & II sequence.

Political Science Option Electives

(Choose 2 courses)

- POLS 105 - American Government **Credits: 3**
- POLS 106 - State & Local Government **Credits: 3**
- POLS 109 - Modern Political Ideologies **Credits: 3**
- POLS 110 - International Relations **Credits: 3**
- POLS 223 - Constitutional Law **Credits: 3**

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Pre-Law Option, A.A. - Liberal Arts

Program Goals for Sussex County Community College's Pre-Law Liberal Arts Option: Prepare students seeking admission to law school for rigorous graduate-level academic curriculum by developing those skills particularly important to the study and practice of law. Utilize an interdisciplinary approach emphasizing development of critical thinking, writing and analytical skills. Provide students a curriculum in legal theory that will provide a stimulating, thought-provoking educational experience while providing a foundation upon which to facilitate and promote student success in law school.

The objectives of this program are to:

- Develop critical thinking, writing and analytical skills essential to the study and practice of law.
- Know the fundamental concepts of the American Legal System which will facilitate success in the rigorous study of law.
- Acquire an interdisciplinary education necessary for success in the rigorous study of law.
- Gain insight into and familiarity with the practice of law.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 106 - Mathematical Concepts **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- POLS 111 - Intro. to the American Legal Sys **Credits: 3**

  OR

- LEGA 100 - Intro. to the American Legal Sys **Credits: 3 (FA & SP)**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- ENGL 201 - Effective Speaking **Credits: 3**
  - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- LSCI 000 - Science Gen Ed Requirement **Credits: 3**

- POLS 223 - Constitutional Law **Credits: 3 (FA)**

  OR

- LEGA 223 - Constitutional Law **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - HIST 001 - History Gen Ed Requirement **Credits: 3**
- LEGA 105 - Legal Research & Writing I **Credits: 3 (FA)**

Total Semester Hours: 15

Winter Session

Spring Semester

- GMSC 000 - Math/Science Gen Ed Requirement **Credits: 3**
- PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
- PRLW 000 - Option Elective **Credits: 3**
- GLCA 001 - Global & Cultural Awareness Gen Ed Requirement **Credits: 3**
- HIST 001 - History Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Global and Cultural Awareness, Technology, Humanities, Social Science, and Philosophy General Education Courses

Choose from the list of approved courses in the College catalog.

History General Education Courses

Choose from the list of approved History General Education courses in the College catalog. Must choose a level I & II sequence.

Program Option Electives

Choose from BUSA 205 or any LEGA course designation.

Math and Science General Education Courses

Choose from the list of approved Math and Science General Education courses in the College catalog.

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Psychology Option, A.A. - Liberal Arts

The Psychology Option is primarily designed to prepare students to transfer into the junior year of a baccalaureate degree program in psychology. In addition, students seeking admission into pre-law or public administration.

The objectives of this program are to:

- Demonstrate problem-solving skills in the study of social science processes.
- Apply classroom knowledge to real-world situations.
- Demonstrate an understanding of social science issues on local, national and global levels.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
  - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - PSYC 001 - Psychology Option Required Course **Credits: 3**

Total Semester Hours: 16

Summer Session

Second Year

Winter Session

Fall Semester

  - PSYC 001 - Psychology Option Required Course **Credits: 3**
- COLL 207 - Capstone for Psychology **Credits: 1**
  - HIST 001 - History Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 4**

Total Semester Hours: 14

Spring Semester

- ENGL 201 - Effective Speaking **Credits: 3**
- PSYC 237 - Multicultural Psychology **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
  - HIST 001 - History Gen Ed Requirement **Credits: 3**
  - PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Philosophy and Technology General Education Courses

Choose from the list of approved courses in the College catalog.

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Humanities General Education courses in the College catalog.

- AMSL 101 - American Sign Language I **Credits: 3**
- AMSL 102 - American Sign Language II **Credits: 3**
- SPAN 101 - Elementary Spanish I **Credits: 3**
- SPAN 102 - Elementary Spanish II **Credits: 3**

Psychology Option Required Courses

(choose two)

- PSYC 109 - Psychology of the Human Lifespan **Credits: 3**
- PSYC 111 - Child Psychology **Credits: 3**
- PSYC 201 - Abnormal Psychology **Credits: 3**
- PSYC 203 - Theories of Personality **Credits: 3**
- PSYC 205 - Psychology of Gender **Credits: 3**
- PSYC 210 - Social Psychology **Credits: 3**
- PSYC 212 - Adolescent Psychology **Credits: 3**
- PSYC 215 - Psychology of Adult Dev. & Aging **Credits: 3**
- PSYC 280 - Educational Psychology **Credits: 3**

History General Education Courses

Choose from the list of approved History General Education courses in the College catalog. Must choose a level I & II sequence.

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- ANTH 101 - Introduction to Anthropology **Credits: 3**
- PSYC 109 - Psychology of the Human Lifespan **Credits: 3**

- PSYC 111 - Child Psychology **Credits: 3**
- PSYC 212 - Adolescent Psychology **Credits: 3**
- PSYC 215 - Psychology of Adult Dev. & Aging **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Science General Education Courses

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- BIOS 102 - Intro. to Human Biology **Credits: 4**

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Sociology Option, A.A. - Liberal Arts

The Sociology Option is primarily designed to prepare students to transfer into the junior year of a baccalaureate degree program in sociology. In addition, students seeking admission into criminology, criminal justice, pre-law, or public administration programs would receive a solid academic foundation on which to build.

The objectives of this program are to:

- Form hypotheses and execute research methodologies.
- Identify ethical and methodological issues in sociological research.
- Demonstrate an understanding of core sociological theories and basic sociological concepts.
- Apply classroom knowledge to social issues such as crime, racism, poverty, family formation, and religion.
- View society from alternative perspectives.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
    - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- SOCA 215 - Perspectives On Race, Gender, Class and Culture **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - HIST 001 - History Gen Ed Requirement **Credits: 3**
- MATH 108 - Statistics **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ENGL 201 - Effective Speaking **Credits: 3**
  - SOCA 000 - Program Elective **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
  - PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- ANTH 115 - Biological Anthropology **Credits: 4**
  - HIST 001 - History Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 4**

Total Semester Hours: 14

Summer Session

Total Program Hours: 60

Philosophy, Science, and Technology General Education Courses

Choose from the list of approved courses in the College catalog.

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Humanities General Education courses in the College catalog.

- AMSL 101 - American Sign Language I **Credits: 3**
- AMSL 102 - American Sign Language II **Credits: 3**
- SPAN 101 - Elementary Spanish I **Credits: 3**
  - SPAN 101 - Elementary Spanish I **Credits: 3**

Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Science General Education courses in the College catalog.

- BIOS 102 - Intro. to Human Biology **Credits: 4**
- BIOS 122 - Intro. to Environmental Science **Credits: 4**

History General Education Courses

Choose from the list of approved History General Education courses in the College catalog. Must choose a level I & II sequence.

Sociology Option Electives

(choose one)

- ECON 101 - Macroeconomics **Credits: 3**
- SOCA 201 - Deviant Behavior **Credits: 3**
- SOCA 202 - The Sociology of Sports **Credits: 3**
- SOCA 203 - Social Research Methods **Credits: 3**
- SOCA 207 - Sociology of Religion **Credits: 3**
- SOCA 208 - Sociology of the Family **Credits: 3**

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Theater Arts Option, A.A. - Liberal Arts

This option prepares students for transfer to a four-year college with a major in Theater and Educational Theater. This option serves as a basis for careers in television, motion pictures, stage, and commercial or educational dramatic endeavors. Students are given the opportunity to contribute to and work on SCCC productions and workshops. In addition, the students are given the opportunity to attend professional productions off-campus.

The objectives of this program are to:

- Stage a scene or monologue.
- Develop and perform on stage a character from a script or from improvisation.
- Work as part of an ensemble to perform in and/or to do the technical preparations to produce a play.
- Identify critical aspects of dramatic literature and theater history.
- Examine and critique theatre performances.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
    - MATH 900 - Math Gen Ed Requirement **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- THEA 102 - Acting I **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**

- THEA 208 - Theater History I **Credits: 3**

  OR

- ENGL 208 - Theater History I **Credits: 3** * (SP)

    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- THEA 103 - Acting II **Credits: 3** (SP)

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ENGL 201 - Effective Speaking **Credits: 3**
- MATH 106 - Mathematical Concepts **Credits: 3**
  - HIST 000 - History Gen Ed Requirement **Credits: 3**
  - PHIL 000 - Philosophy Gen Ed Requirement **Credits: 3**
- THEA 120 - Performance & Production I **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

  - HIST 000 - History Gen Ed Requirement **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- SOCA 215 - Perspectives On Race, Gender, Class and Culture **Credits: 3**
- THEA 110 - Theater Workshop I **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

*Student can also take THEA209/ENGL 209 - Theater History II

Philosophy General Education Courses

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- PHIL 110 - Philosophy & the Meaning of Life **Credits: 3**

History General Education Courses

Choose from the list of approved History General Education courses in the College catalog. Must choose a level I & II sequence.

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Social Science General Education courses in the College catalog.

- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Humanities, Global and Cultural Awareness, Technology, and Math and Science General Education Courses

Choose from the list of approved courses in the College catalog.

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Associate in Applied Science

The Associate in Applied Science degrees are career-related and designed for the student who is planning to enter the workforce upon graduation. Students receive education and training in the skills needed for employment, plus the general education designed to turn out well-rounded employees. While some credits may transfer to four year institutions, the A.A.S. programs are not designed for transfer. The following A.A.S. programs are designed to equip students with the skills needed for immediate entry into the job market.

3D Computer Arts Option, A.A.S. - Graphic Design

This program is designed to prepare students for entry-level positions in the game and graphics industry. Studio-intensive courses include the rapidly advancing technology of computer graphics and a wide spectrum of digital visual media including 3-D modeling and animation, texture and lighting, compositing, digital film and video effects, and creating graphics for the Internet utilizing industry-standard software. Graduates will have the introductions necessary to consider careers in graphic design, 2-D conceptual art, 3-D character building, 3-D object modeling, 2-D texture art, or interactive design.

Approximately one-half of all program graduates go on to complete a baccalaureate degree in game art, animation, graphic design, film, video, or illustration.

Upon completion of this program, graduates will be able to:

- Analyze the history of visual culture and design theory, and apply historical relevance in the context of modern industry issues and trends.
- Conceptualize, design, and plan animated works while exercising store development and artistic techniques.
- Execute technical, aesthetic, and conceptual decisions based on understanding the functions of traditional design and computer-based graphics.
- Use the principle techniques of 3-D modeling and animation for content related to film and game design.
- Collaborate with diverse teams of creative contributors, production personnel, and clients while working with creative constraints and deadlines.
- Produce a professional portfolio of representative projects.
- Apply knowledge of intellectual property issues.
- Introduction to a career in various industries including game art, illustration, video, film web, desktop publishing, and advertising.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- GRAD 101 - Design I **Credits: 3**
- GRAD 105 - Vector Graphics & Page Design **Credits: 3**
- GRAD 153 - Character Design **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

  - MAST 000 - Math/Science/Technology Gen Ed Requirement **Credits: 3**
- ARTA 103 - Art History I **Credits: 3**
- GRAD 107 - Drawing for Designers **Credits: 3**
- GRAD 128 - Digital Imagery & Editing **Credits: 3**
- GRAD 158 - 3D Modeling **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ENGL 201 - Effective Speaking **Credits: 3**
- ARTA 104 - Art History II **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- GRAD 162 - Character Modeling in 3D **Credits: 3**
- GRAD 163 - 3D Environments **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- GRAD 164 - Character Animation in 3D **Credits: 3**
- GRAD 202 - 3D Level Design **Credits: 3**
- GRAD 235 - Video and Motion Graphics **Credits: 3**
- GRAD 282 - Portfolio/Demo Reel Preparation and Presentation **Credits: 2**
- GRAD 283 - 3D Computer Arts Internship **Credits: 1**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Math, Science, Technology, Humanities, and Social Science Gen Ed Requirement

Choose from the list of approved General Education courses in the College catalog.

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Agricultural Business, A.A.S.

The Associate in Applied Science Degree in Agricultural Business is designed for individuals with a strong interest in occupations that relate to farming, nursery production, landscape design, landscape maintenance, the production of organic fruits and vegetables, and similar agricultural endeavors.

Students interested in operating their own agricultural businesses need some knowledge of standard business practices, business planning, marketing, and supervision in addition to technical skills such as plant propagation, production at scale, greenhouse management, pest control, and related issues.

Upon completion of this program, graduates will be able to:

- Demonstrate proficiency in written and oral skills when communicating about agricultural business topics.
- Demonstrate the ability to analyze agribusiness data in the free market and global economies.
- Demonstrate the ability to retrieve and critically evaluate information from a variety of agribusiness sources.
- Research, develop, organize, and write a business/marketing plan for an agribusiness enterprise.
- Demonstrate readiness for employment in the field of agribusiness.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 104 - Contemporary Mathematics **Credits: 3**
- AGSC 101 - Intro. to Agricultural Science **Credits: 3**
- BIOS 101 - General Biology **Credits: 4**

Total Semester Hours: 16

Winter Session

Spring Semester

- ENGL 125 - Tech. Writing & Communication I **Credits: 3**
- CHEM 100 - Introductory Chemistry **Credits: 4**
- BUSA 101 - Intro. to Business **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 16

Summer Session

Second Year

Fall Semester

- AGSC 107 - Agriculture Pest Control & Mgmt. **Credits: 4** (FA)
- BUSA 211 - Mgmt. & Organizational Behavior **Credits: 3**
- COMS 120 - Computer Software Applications **Credits: 3**
- ECON 102 - Microeconomics **Credits: 3**
  - AGBS 000 - Option Elective **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- AGSC 201 - Agricultural Marketing **Credits: 3** (SP)
- AGSC 240 - Agricultural Science Internship **Credits: 3**
- BUSA 205 - Business Law I **Credits: 3**
  - AGBS 000 - Option Elective **Credits: 3**

Total Semester Hours: 12

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- SPAN 101 - Elementary Spanish I **Credits: 3**
- HUMN 101 - Survey of World Culture I **Credits: 3**
- HUMN 102 - Survey of World Culture II **Credits: 3**
- HIST 105 - U.S. History I **Credits: 3**
- HIST 106 - U.S. History II **Credits: 3**

Option Electives (Recommended)

In addition to the recommended courses students may also choose from any ACCT, BIOS, BUSA, HORT or MATH 108 courses listed in the College catalog.

- ACCT 101 - Accounting Princ. I Financial **Credits: 3**
- BUSA 110 - Business Communications **Credits: 3**
- BIOS 130 - Introduction to Botany **Credits: 4** (FA)
- HORT 102 - Plant Propagation **Credits: 4** (SP)
- HORT 201 - Introduction to Soil Science **Credits: 4** (FA)

Developmental Courses

Sussex has embraced a practice of directed self-choice whereby students are encouraged, through guided conversations with an advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement.* Students should check with their advisor.

Automotive Service Technology, A.A.S.

This program is designed to meet the demand for trained automotive technicians. The student participates in hands-on experiences in testing, troubleshooting, and repairing automobiles. Learning is reinforced by a work-site cooperative employment experience at a local automotive company.

This program is offered in the evening on a part-time basis only.

Upon completion of this program, graduates will be able to:

- Evaluate, diagnose, and repair various automotive systems.
- Identify specifications related to the inspection, repair, and adjustment of automotive systems.
- Use various test equipment to diagnose and repair defects.
- Apply basic electrical theory using wiring diagrams and schematics to diagnose and repair automotive electrical circuits.
- Explain the operation of, and perform service on automatic and manual transmissions and transaxles, and differentials.
- Analyze defects of automotive air conditioning and climate control systems and identify necessary preventative maintenance or corrective repairs.
- Discuss the theory of alignment, braking, suspension and steering systems, problem diagnosis and correction of braking, suspension, steering, and alignment problems.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- AOTE 101 - Automotive Fundamentals **Credits: 3**
- AOTE 110 - Automotive Electrical Systems **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 201 - Effective Speaking **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
- AOTE 120 - Automotive Brake Systems **Credits: 3**
- AOTE 118 - Auto. Heating & Air Conditioning **Credits: 3**
  - AOTE 000 - Program Elective **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- AOTE 130 - Steering & Suspension Systems **Credits: 3**
- AOTE 203 - Engine Construction, Operation & Service **Credits: 3**
- AOTE 204 - Manual Trans. & Drivelines **Credits: 3**
- AOTE 206 - Auto. Transmissions & Transaxles **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- AOTE 208 - Advanced Automotive Electronics **Credits: 3**

- AOTE 215 - Automotive Engine Performance **Credits: 3**
- AOTE 262 - Service Center Internship **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities or Social Science General Education Courses

Choose from the list of approved Humanities or Social Science courses listed in the College catalog.

Program Electives (Recommended)

Recommended courses listed below but student can also choose from any course with a AOTE, BUSA or COMS designation.

- DESL 102 - Diesel Engines **Credits: 3**
- WELD 110 - Thermal Cutting and Oxyfuel Welding **Credits: 3**
- WELD 101 - Welding Safety **Credits: 1**
- AOTE 261 - Service Center Education Class **Credits: 1**

Developmental Courses

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The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement.* Students should check with their advisor.

Building Construction Technology Option, A.A.S. - Technical Studies

The Building Construction Technology Program is designed to provide students with the hands-on practice skills and training necessary to obtain employment in the Building Construction Industry. The program prepares students in leadership and planning, technical knowledge and emerging technologies, creative problem-solving sustainable practices, and ethical principles to successfully achieve academic and professional goals.

Upon completion of this program, graduates will be able to:

- Interpret and apply appropriate building and structural codes to industry standards.
- Interpret construction documents, blueprints, schematics, and sketches.
- Communicate information effectively, in both verbal and written forms.
- Demonstrate effective problem-solving skills based on knowledge and practice.
- Understand, integrate, and apply construction knowledge and skills professionally.
- Demonstrate professionalism with attitude, conduct and ethical work practices.
- Communicate skillfully with other industry professionals involved in the construction process.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
- BCST 101 - Intro. to Building Construction **Credits: 1**
- BCST 103 - Construction, Safety, Tools & Equipment **Credits: 2**
- BCST 112 - Print Reading and Sketching **Credits: 3**
- BCST 125 - Codes in Construction **Credits: 1**
- BCST 130 - Construction Site Preparation and Layout **Credits: 1**

Total Semester Hours: 14

Winter Session

Spring Semester

- COMS 110 - Computer Concepts & Applications **Credits: 3**
- BCST 142 - Construction Materials and Methods I **Credits: 3**
- BCST 150 - Intro. to Electrical and Mechanical Systems **Credits: 2**
- BCST 210 - Roof Structures and Stairs **Credits: 4**
  - GNED 000 - General Education Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ENGL 125 - Tech. Writing & Communication I **Credits: 3**
- BCST 230 - Construction Materials and Methods II **Credits: 3**
- BCST 255 - Interior Finishes **Credits: 2**
- BCST 260 - Trim and Millwork **Credits: 4**
    - GHMN 000 - Humanities **Credits: 3**
      OR
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- BCST 235 - Weather Resistant Barriers & Finishes **Credits: 2**
- BCST 245 - Masonry Principles & Concrete Construction **Credits: 4**
- BCST 270 - Estimating, Planning, Scheduling and Management **Credits: 4**
- BCST 280 - Building Construction Internship **Credits: 3**
    - GNED 000 - General Education Requirement **Credits: 3**

Total Semester Hours: 16

Summer Session

Total Program Hours: 60

Humanities, Social Science, and General Education Courses

Choose from the list of approved Humanities, Social Science, or General Education courses listed in the College catalog.

Technical Studies Core or Program Electives Courses (Recommended)

** Technical Studies credits may be earned for corporate, industrial, or military training programs after review by a faculty assessor of related program. Individuals without sufficient technical training experience must select courses in one of the programs/options listed below to satisfy the Technical Studies credit requirements. All courses should be selected with assistance from a faculty advisor.

- BCST 150 - Intro. to Electrical and Mechanical Systems **Credits: 2** (SP)
- BCST 210 - Roof Structures and Stairs **Credits: 4** (SP)
- BCST 230 - Construction Materials and Methods II **Credits: 3** (FA)

- BCST 255 - Interior Finishes **Credits: 2** (FA)
- BCST 260 - Trim and Millwork **Credits: 4** (FA)
- BCST 235 - Weather Resistant Barriers & Finishes **Credits: 2** (SP)
- BCST 245 - Masonry Principles & Concrete Construction **Credits: 4** (SP)
- BCST 280 - Building Construction Internship **Credits: 3** (SP)

Select Courses from One of the following Programs(P)/Options(O):

Business Management (P)

Computer Information Systems (P)

Engineering Science (O)

Graphic Design (P)

Machine Tool Technology (O)

Welding Technology (O)

Technology General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- COMS 110 - Computer Concepts & Applications **Credits: 3**

Developmental Courses

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The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Business Management, A.A.S.

This program is designed primarily to prepare students for immediate entry into the workforce. The program provides students with fundamental business knowledge and prepares them for careers in business, government, retail, and not-for-profit organizations.

Upon completion of this program, graduates will be able to:

- Analyze contemporary business problems and propose effective solutions using case studies and business applications

tools.
- Examine ethical and legal implications of managerial decisions.
- Interpret basic financial statements and managerial reports.
- Identify the impact of leadership in defining organizational culture.
- Design and deliver effective presentations commonly used in contemporary business environments.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- ACCT 101 - Accounting Princ. I Financial **Credits: 3**
- BUSA 101 - Intro. to Business **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
  - MATH 900 - Math Gen Ed Requirement **Credits: 3**
- ACCT 102 - Accounting Princ. II Managerial **Credits: 3**
- ECON 101 - Macroeconomics **Credits: 3**
- BUSA 205 - Business Law I **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- COMS 120 - Computer Software Applications **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- BUSA 110 - Business Communications **Credits: 3**
- BUSA 211 - Mgmt. & Organizational Behavior **Credits: 3**

- BUSA 235 - Intro. to International Business **Credits: 3** (FA)

Total Semester Hours: 15

Winter Session

Spring Semester

- BUSA 220 - Principles of Marketing **Credits: 3**
- BUSA 125 - Principles of Supervision **Credits: 3** (SP)
- BUSA 120 - Small Business Management **Credits: 3** (SP)
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- HIST 105 - U.S. History I **Credits: 3**
- HIST 106 - U.S. History II **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Math General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College

catalog.

- MATH 104 - Contemporary Mathematics **Credits: 3**
- MATH 108 - Statistics **Credits: 3**

Developmental Courses

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Child Development Specialist, A.A.S.

The Associate of Applied Science degree program in Early Childhood Education (Child Development Specialist) prepares students to be education assistants and teacher aides in schools, child care centers, and similar settings. Students in the program will have successfully completed 300 hours of supervised field experience in which they worked effectively with children and their families, other staff, and administration.

Upon completion of this program, graduates will be able to:

- Use theories and knowledge of growth and development to understand the multiple influences that promote child development and learning.
- Build relationships with families and the community to create a respectful and reciprocal community of learning to support children and families.
- Support young children through the use of observation, documentation, and assessment techniques and strategies.
- Create, implement and evaluate effective early childhood curricula while implementing the philosophy of developmentally appropriate practices.
- Exhibit characteristics of an early childhood professional by following the National Association for the Education of Young Children (NAEYC) ethical guidelines, participating in professional organizations and professional development, and advocating for children and families.
- Program Goals are based on NAEYC Associate Degree Program Standards.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 104 - Contemporary Mathematics **Credits: 3**

    OR

- MATH 106 - Mathematical Concepts **Credits: 3**
- CDEV 101 - Intro. to Early Childhood Educ. **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- CDEV 160 - Child Health and Nutrition **Credits: 3** (SP)
- CDEV 260 - Methods of Teaching Infants & Toddlers **Credits: 3** (SP)
- PSYC 111 - Child Psychology **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

  - CDSC 000 - Program Elective **Credits: 3**
- EDUC 275 - Working with Special Needs Children **Credits: 3** (FA)
- CDEV 150 - Lang. Devel. & Lang. Arts in Early Childhood Education **Credits: 3** (FA)
- CDEV 270 - Curriculum Studies in Early Childhood Education **Credits: 3** (FA)
- CDEV 280 - Child Care Internship I **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

  - CDSC 000 - Program Elective **Credits: 3**
- CDEV 285 - Child Care Internship II **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

- ENGL 201 - Effective Speaking **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities General Education Courses

- HIST 105 - U.S. History I **Credits: 3**
- ENGL 203 - American Literature I **Credits: 3**
- ENGL 204 - American Literature II **Credits: 3**
- HUMN 101 - Survey of World Culture I **Credits: 3**
- HUMN 102 - Survey of World Culture II **Credits: 3**

Program Elective Courses

- AMSL 101 - American Sign Language I **Credits: 3**
- CDEV 272 - Music & Art in Early Childhood Education **Credits: 3**
- EDUC 202 - Historical and Philosophical Patterns in Education **Credits: 3**
- SOCA 215 - Perspectives On Race, Gender, Class and Culture **Credits: 3**

Developmental Courses

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Computer Information Systems, A.A.S.

This program is structured to provide fundamental knowledge of information technology and the skills necessary to succeed in today's business environment. This degree is not for transfer. The program is designed to prepare students for entry-level positions in business, industry, government, and not-for-profit organizations.

Upon completion of this program, graduates will be able to:

- Demonstrate the ability to solve technical problems related to hardware and software.
- Demonstrate an understanding of operating systems.
- Develop effective communication skills within an organization.
- Demonstrate the ability to work both individually and as a team member.
- Exhibit professionalism and ethical behavior.
- Adapt to advancements in the area of technology.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- COMS 113 - Intro. to Information Systems **Credits: 3**
- BUSA 101 - Intro. to Business **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- COMS 114 - Intro. to Computer Science I **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
- COMS 230 - Networks and Telecommunications **Credits: 3** (SP)
- COMS 155 - Web Site Development I **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ECON 101 - Macroeconomics **Credits: 3**
- COMS 115 - Intro. to Computer Science II **Credits: 3**
- COMS 218 - Database Management Systems **Credits: 3** (FA)
  - COMS 000 - Program Electives **Credits: 6**

Total Semester Hours: 15

Winter Session

Spring Semester

- ECON 102 - Microeconomics **Credits: 3**
- COMS 210 - Systems Analysis & Design **Credits: 3** (SP)
  - COMS 000 - Program Electives **Credits: 9**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- HIST 101 - Hist of Western Civilization I **Credits: 3**

Elective Courses (Recommended)

Recommended courses listed below but student can also choose from any COMS course.

- COMS 120 - Computer Software Applications **Credits: 3**
- COMS 221 - Operating Systems **Credits: 3** (FA)
- COMS 225 - Computer Aided Design **Credits: 3**
- COMS 239 - Fund. of Computer Architecture **Credits: 3** (SP)
- COMS 240 - Computer Information Systems Internship **Credits: 3**

Developmental Courses

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Cosmetology Option, A.A.S. - Technical Studies

The Cosmetology program prepares students to become the creative, well-trained professionals demanded by today's beauty industry. This exciting program offers training in all aspects of professional cosmetology, from skin, nails, hair design, and sculpting to advanced coloring. Complete barbering skills with up-to-date cuts, including fades and straight blade shape-ups, are part of the curriculum. Students will explore salon operations, marketing and retail, hygiene and communication skills in this lecture and "hands-on" training program. After the first two semesters, students can qualify for a New Jersey State Student Permit, which will allow students to start as an entry-level stylist. Committed students can qualify to take the New Jersey Board licensing examinations in Cosmetology upon completion of the program. Our cutting-edge curriculum and learning community will keep students engaged while building the technical skills and expertise needed to be successful.

Upon completion of this program, graduates will be able to:

- Perform hair care services for all types of hair including hair analysis, cutting, styling, coloring and lightening, permanent waving, and chemical relaxing.
- Perform barbering services with up-to-date cuts, including fades and straight blade shape-ups.
- Perform nail services including manicuring and pedicuring.
- Perform basic skincare services including skin analysis, facials, makeup application, and superfluous hair removal.
- Exhibit knowledge of decontamination control, public hygiene, and special sanitation procedures used for the protection of the client and the operator.
- Demonstrate customer service skills, self-growth, and personal development.
- Perform salon business such as front desk operations, dispensary inventory and loss prevention, resume building and interviewing skills, self-marketing and basic knowledge of starting a salon business.
- Demonstrate critical thinking and communication skills.
- Possess the necessary skills to pass the New Jersey State licensure written and practical exams required for a professional license to work in the Cosmetology industry.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- COSM 101 - Principles & Procedures I **Credits: 7**
- COSM 105 - Principles & Procedures II **Credits: 7**

Total Semester Hours: 17

Winter Session

Spring Semester

- MATH 105 - Technical Mathematics **Credits: 3**
- COSM 108 - Principles & Procedures III **Credits: 7**
- COSM 110 - Science and Ethics for Cosmetology **Credits: 7**

Total Semester Hours: 17

Summer Session

Second Year

Fall Semester

- ENGL 125 - Tech. Writing & Communication I **Credits: 3**
- COSM 115 - Practical Application I **Credits: 4**
  - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
  - GNED 000 - General Education Requirement **Credits: 3**

Total Semester Hours: 13

Winter Session

Spring Semester

- COSM 201 - Practical Application II **Credits: 4**

  - GHMN 000 - Humanities **Credits: 3**

  OR

  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

  - GNED 000 - General Education Requirement **Credits: 3**

Total Semester Hours: 13

Summer Session

Total Program Hours: 60

Humanities/Social Science General Education Requirements

Choose from the list of approved courses in the College catalog

Technical Studies Core or Technical Studies Required Courses (Recommended)

Technical Studies credits may be earned for corporate, industrial, or military training programs after review by a faculty assessor of related program. Individuals without sufficient technical training experience must select courses in one of the programs/options listed below to satisfy the Technical Studies credit requirements. All courses should be selected with assistance from a faculty advisor.

- BUSA 120 - Small Business Management **Credits: 3**

Technology General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- COMS 110 - Computer Concepts & Applications **Credits: 3**

Developmental Courses

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The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Culinary Arts Option, A.A.S. - Technical Studies

The Culinary Arts Option is designed for students who are interested in becoming a professional chef or obtaining skills for a career in the culinary industry. Student success is a priority in this student-focused program offering a comprehensive curriculum and actual practice in all aspects of the culinary arts. Emphasis will be on the technical and management skills needed to work in restaurants and food service operations. Students will have the opportunity to apply and practice skills acquired in a real-world environment. This program provides a solid foundation for a great and exciting culinary career.

Upon completion of this program, graduates will be able to:

- Demonstrate proficiency in basic industry terminology.
- Practice standards in behavior, grooming, dress, and safety that reflect the mature work attitude expected of an industry professional.
- Maintain high standards of sanitation and food safety as established by the ServSafe® program.
- Develop skills in knife, tool and equipment handling and care, apply principles of food preparation to produce a variety of food products.
- Demonstrate the overall concept of purchasing and receiving practices in quality food service operations.
- Demonstrate the ability to convert, weigh and measure recipes.
- Describe the characteristics, functions, and food sources of the major nutrients and maximize nutrient retention in menu planning, food preparation, and storage.
- Develop skills in the fabrication, portioning, and yield costing of protein products.
- Demonstrate proficiency in techniques for preparation and presentation of baking and pastry.
- Demonstrate quality customer service including supervisory management, dining room service, guest service, working with others, and multi-tasking.
- Apply the principles of menu planning, development, and execution.
- Communicate clearly and professionally, both verbally and in writing.
- Demonstrate creativity and problem-solving skills, based on operational theory and procedures.
- Demonstrate an understanding of organizational structures within hospitality and food service establishments.

First Year

Fall Semester

- HOST 101 - Introduction to Hotel, Restaurant and Institutional Management **Credits: 3**
- CULA 103 - Food Service Sanitation **Credits: 1**
- CULA 105 - Basic Culinary Skills **Credits: 3** (FA)
- CULA 107 - Food Principles **Credits: 3** (FA)
- CULA 110 - Meat Fabrication for Culinarian **Credits: 3** (FA)
- CULA 118 - Garde Manger **Credits: 3** (FA)

Total Semester Hours: 16

Winter Session

Spring Semester

- CULA 122 - Basic Baking **Credits: 3** (SP)
- CULA 135 - Advanced Baking & Pastry **Credits: 3** (SP)
- CULA 140 - Breakfast & Lunch Cookery **Credits: 3** (SP)
- ENGL 101 - English Composition I **Credits: 3**
- HOST 280 - Hospitality & Culinary Arts Internship **Credits: 2**

Total Semester Hours: 14

Summer Session

Second Year

Fall Semester

- ENGL 125 - Tech. Writing & Communication I **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
  - GHMN 000 - Humanities **Credits: 3**

  OR

  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

- CULA 202 - Italian Cuisine **Credits: 3** (FA)
- CULA 210 - International Cuisine **Credits: 3** (FA)

Total Semester Hours: 15

Winter Session

Spring Semester

  - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
  - GNED 000 - General Ed Education Elective **Credits: 3**

  - GHMN 000 - Humanities **Credits: 3**

  OR

  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

- CULA 235 - Classical French Cuisine **Credits: 3** (SP)
- CULA 255 - North American Cuisine **Credits: 3** (SP)

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities or Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- SOCA 101 - Intro. to Sociology **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
- HUMN 101 - Survey of World Culture I **Credits: 3**

Technology General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- COMS 110 - Computer Concepts & Applications **Credits: 3**

General Education Elective Courses

Courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- BUSA 120 - Small Business Management **Credits: 3** (SP)
  - HOST 108 - Hotel and Restaurant Operations **Credits: 3** (SP)
  - HOST 136 - Hospitality Marketing **Credits: 3** (FA)
  - HOST 201 - Food and Beverage Management **Credits: 3** (SP)

Developmental Courses

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Diesel Service Technology Option, A.A.S. - Technical Studies

The Diesel Service Technology program gives the students an opportunity to gain a broader knowledge and to achieve a higher skill level in Diesel Service Technology than is offered in other one-year certificate programs. There is also a general education component integrated into the program to satisfy demands for appropriate workforce skills. Upon completing the A.A.S. degree program, students have the necessary skills to become employed as entry-level Diesel Service Technicians.

Upon completion of this program, graduates will be able to:

- Employ safety skills in an industrial maintenance facility setting.
- Demonstrate professionalism with attitude, conduct, and ethical work practices.

- Evaluate, diagnose, and repair various Diesel systems.
- Identify specifications related to the inspection, repair, and adjustment of Diesel systems.
- Use various test equipment to diagnose and repair defects.
- Apply basic electrical theory using wiring diagrams and schematics to diagnose and repair Diesel electrical circuits.
- Explain the operation of, and perform service on, automatic and manual transmissions, axles, and differentials.
- Analyze defects of Diesel air conditioning and climate control systems and identify necessary preventative maintenance or corrective repairs.
- Discuss the theory of alignment, braking, suspension and steering systems, problem diagnosis and correction of braking, suspension, steering, and alignment problems

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
- DESL 102 - Diesel Engines **Credits: 3**
- DESL 106 - Electrical Systems **Credits: 3**
- AOTE 101 - Automotive Fundamentals **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 125 - Tech. Writing & Communication I **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- DESL 103 - Diesel Drivetrain **Credits: 3**
- WELD 101 - Welding Safety **Credits: 1**
    - GNED 000 - General Education Elective **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- DESL 104 - Brake Systems **Credits: 3**
- DESL 107 - Heating & Air Conditioning Systems **Credits: 3**
- WELD 115 - Shielded Metal Arc Welding I **Credits: 3**
- AOTE 203 - Engine Construction, Operation & Service **Credits: 3**
  - GHMN 000 - Humanities **Credits: 3**

  OR

  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- DESL 105 - Steering and Suspension **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - DESL 000 - Program Option Elective **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  DESL 000 - Program Option Elective **Credits: 3**

- WELD 110 - Thermal Cutting and Oxyfuel Welding **Credits: 3**
- AOTE 208 - Advanced Automotive Electronics **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Technical Studies Core or Program Electives Courses (Recommended)

Technical Studies credits may be earned for corporate, industrial, or military training programs after review by a faculty assessor of related program. In addition to the recommended courses, individuals without sufficient technical training experience can select courses in one of the programs/options listed below to satisfy the Technical Studies and Program Elective credit requirements. All courses should be selected with assistance from a faculty advisor.

- AOTE 101 - Automotive Fundamentals **Credits: 3**
- AOTE 110 - Automotive Electrical Systems **Credits: 3**
- AOTE 130 - Steering & Suspension Systems **Credits: 3**

- AOTE 204 - Manual Trans. & Drivelines **Credits: 3**
- AOTE 208 - Advanced Automotive Electronics **Credits: 3**
    - DESL 262 - Service Center Internship **Credits: 3**
- WELD 105 - Print Reading & Welding Symbols **Credits: 3**
- WELD 110 - Thermal Cutting and Oxyfuel Welding **Credits: 3**
- WELD 115 - Shielded Metal Arc Welding I **Credits: 3**

Technology General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- COMS 110 - Computer Concepts & Applications **Credits: 3**

Select Courses from One of the Following Programs(P)/Options(O)

(Courses must be approved by appropriate faculty advisor):

Automotive Service Technology (P)

Business Management (P)

Computer Information Systems (P)

Engineering Science (O)

Machine Tool Technology (O)

Welding Technology (O)

Humanities/Social Science Gen Ed Requirement

Choose from the list of approved courses listed in the College catalog.

Developmental Courses

Sussex has embraced a practice of directed self-choice whereby students are encouraged, through guided conversations with an advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Digital Forensics Option, A.A.S. - Computer Information Systems

This program is designed as a terminal degree and prepares students for immediate entry into a career. This program provides students with fundamental business knowledge and prepares them for careers in forensic science to work for computer companies, consulting firms, businesses, financial companies, government, retail and not-for-profit organizations.

Upon completion of this program, graduates will be able to:

- Obtain entry-level and supervisory careers in the cyber industry, networking and security, systems development and management, government, retail or not-for-profit organizations.
- Analyze contemporary business problems and propose effective solutions using case studies and SWOT analysis (strengths, weaknesses, opportunities, and threats).
- Identify ethical and unethical business behaviors and explain the impact of each type of behavior on an organization's stakeholders (i.e., customers, competitors, investors, creditors, government regulators, employees, etc.).
- Design and deliver effective oral presentations as commonly used in contemporary business environments.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- COMS 113 - Intro. to Information Systems **Credits: 3**
- BUSA 101 - Intro. to Business **Credits: 3**
- CYBR 100 - Introduction to Cyber Crime **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- COMS 114 - Intro. to Computer Science I **Credits: 3**
- CYBR 101 - Digital Forensics I **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ECON 101 - Macroeconomics **Credits: 3**
- COMS 115 - Intro. to Computer Science II **Credits: 3**
- COMS 218 - Database Management Systems **Credits: 3**
- COMS 221 - Operating Systems **Credits: 3**
- CYBR 103 - Digital Forensics II **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ECON 102 - Microeconomics **Credits: 3**
- COMS 210 - Systems Analysis & Design **Credits: 3**
- COMS 230 - Networks and Telecommunications **Credits: 3**
- CYBR 102 - Cyber Law **Credits: 3**
- CRJS 210 - Criminal Investigation **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- HIST 101 - Hist of Western Civilization I **Credits: 3**

Developmental Courses

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advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

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Electronic Music and Recording Option, A.A.S. - Technical Studies

The Electronic Music degree combines areas of music and electronics in the musical and creative use of electronic production, sound design tools and technologies in this innovative program. Emphasis is on developing hands-on skills in modern electronic music technology, as well as how to use electronic instruments to manipulate sound and create music. Students will explore history, musicianship, theory, composition, and performance to develop an individual creative identity.

Upon completion of this program, graduates will be able to:

- Demonstrate knowledge of the history, cultural diversity, and heritage of music.
- Acquire an appreciation of music and identify a personal aesthetic.
- Recognize music as art and a universal language with organization and structure.
- Identify and articulate the components of music composition.
- Perform music from a variety of genres showing the abilities of a professional.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
  - GNED 000 - General Education Requirement **Credits: 3**
  - MUSC 002 - Applied Music I **Credits: 1** *

  - TSC 000 - Technical Studies Core **Credits: 3**

 OR

  - ELMR 000 - Program Elective Requirement **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 1**

 OR

  - ELMR 000 - Program Elective Requirement **Credits: 1**

  - TSC 000 - Technical Studies Core **Credits: 1**

 OR

  - ELMR 000 - Program Elective Requirement **Credits: 1**

  - TSC 000 - Technical Studies Core **Credits: 1**

OR

- ELMR 000 - Program Elective Requirement **Credits: 1**

- GNED 000 - General Education Requirement **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- ENGL 125 - Tech. Writing & Communication I **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 1**

  OR

  - ELMR 000 - Program Elective Requirement **Credits: 1**

  - TSC 000 - Technical Studies Core **Credits: 1**

  OR

  - ELMR 000 - Program Elective Requirement **Credits: 1**

  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - ELMR 000 - Program Elective Requirement **Credits: 3**

- MUSC 115 - Electronic Music I **Credits: 3**
  - MUSC 002 - Applied Music II **Credits: 1** *

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

  - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
  - MUSC 002 - Applied Music III **Credits: 1** *
- MUSC 140 - Electronic Music II **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 1**

OR

- ELMR 000 - Program Elective Requirement **Credits: 1**

- TSC 000 - Technical Studies Core **Credits: 3**

OR

- ELMR 000 - Program Elective Requirement **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**

OR

- ELMR 000 - Program Elective Requirement **Credits: 3**

Total Semester Hours: 14

Winter Session

Spring Semester

- MUSC 155 - Live Sound Production **Credits: 3**
- MUSC 245 - Electronic Music III **Credits: 3**

  - GHMN 000 - Humanities **Credits: 3**

  OR

  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - ELMR 000 - Program Elective Requirement **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - ELMR 000 - Program Elective Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

*Applied Music I, II & III - Course number varies based on student's primary instrument or voice. See College catalog for

choices.

Technical Studies Core or Program Electives Courses (Recommended)

** Technical Studies credits may be earned for corporate, industrial, or military training programs after review by a faculty assessor of related program. In addition to the recommended courses, individuals without sufficient technical training experience can select courses in one of the programs/options listed below to satisfy the Technical Studies and Program Elective credit requirements. All courses should be selected with assistance from a faculty advisor.

- GRAD 128 - Digital Imagery & Editing **Credits: 3**
- MUSC 130 - Piano I **Credits: 1**

  OR

- MUSC 121 - Voice I **Credits: 1**
- MUSC 105 - Chorus I **Credits: 1**
- MUSC 106 - Chorus II **Credits: 1**
- MUSC 109 - History of Rock and Roll **Credits: 3**
- MUSC 110 - Introductory Music Theory **Credits: 3**
- MUSC 111 - Music Theory II **Credits: 3**
- MUSC 131 - Piano II **Credits: 1**

  OR

- MUSC 122 - Voice II **Credits: 1**
- MUSC 230 - Piano III **Credits: 1**

  OR

- MUSC 225 - Voice III **Credits: 1**
- MUSC 160 - Intro. to Aural Comprehension **Credits: 1**
- MUSC 214 - Music Theory III **Credits: 3**
- GRAD 235 - Video and Motion Graphics **Credits: 3**

Technology General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- COMS 110 - Computer Concepts & Applications **Credits: 3**

General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog

- MUSC 101 - Music Appreciation **Credits: 3**

Humanities or Social Science General Education Courses

Choose from the list of approved General Education courses in the College catalog.

Select Courses from One of the Following Programs(P)/Options(O)

** (Courses must be approved by appropriate faculty advisor):

Business Management (P)

Computer Information Systems (P)

Graphic Design (P)

New Media Communications (P)

Developmental Courses

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Fire Science Technology, A.A.S.

This program is designed to serve the career and volunteer fire fighter, industrial fire protection personnel, fire protection specialist or the recent high school graduate who has an interest in fire service. The program will be offered primarily in the evening for part-time students. Upon completion of the program, students will have attained the skills and knowledge to perform their current duties more effectively and to prepare them for greater levels of responsibility within the fire service system.

Upon completion of this program, graduates will be able to:

- Be prepared with a scientific understanding of fire hazards and their control with emphasis on effective operating procedures at fires and other emergencies.
- Demonstrate the skills necessary to incorporate the theory and applications to become a credentialed professional in the fire service.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**

- FRST 101 - Intro. to Fire Science **Credits: 3**
- FRST 103 - Fire Prevention **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 201 - Effective Speaking **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- FRST 104 - Fire Administration **Credits: 3**
- FRST 105 - Fire Protection Systems **Credits: 3**
- FRST 110 - Fire Behavior and Combustion **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- HUMN 101 - Survey of World Culture I **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 3**
  - FREE 000 - Free Elective **Credits: 3**
- FRST 106 - Fire Tactics and Strategy **Credits: 3**
- FRST 107 - Fire Investigation **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- HUMN 102 - Survey of World Culture II **Credits: 3**
- FRST 202 - Bldg. Constr. for Fire Protect. **Credits: 3**
- FRST 205 - Fire Protection Hydraulics & Water Supply **Credits: 3**
- FRST 208 - Hazardous Materials **Credits: 3**

- FRST 210 - Occupational Health & Safety **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Social Science General Education Courses

- POLS 106 - State & Local Government **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- CHEM 107 - Forensic Science **Credits: 4**
- BIOS 122 - Intro. to Environmental Science **Credits: 4**

Program/Option/Certificate Free Elective:

Choose any course from the College Catalog.

Developmental Courses

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Game Development Option, A.A.S. - Computer Information Systems

A degree in Game Development will prepare students for entry-level positions in programming, testing and game design. During the final semester of the degree program, game artists and developers will work in conjunction to create and manage a complete marketable game.

Upon completion of this program, graduates will be able to:

- Recognize and evaluate critical and aesthetic issues within computer graphics and mixed media.
- Compare and contrast game requirements based on genre.
- Analyze player control, manual and visual interface design, and usability.
- Identify phases in the game development cycle, as well as be skilled in project management and game documentation.
- Work collaboratively and individually with an understanding of the production process utilized in industry-standard studios.
- Communicate effectively in oral format on research and creative issues.
- Apply critical thinking and aesthetic judgments in critiquing mixed media and computer graphics productions.
- Function on multi-disciplinary teams.
- Merge complex artwork and code to create a working video game.
- Create a project report.
- Set a mood using sound effects, ambient and environmental sounds, and music.
- Demonstrate professionalism through creative and intellectual independence.
- Demonstrate knowledge of the legal and ethical issues related to sound and video sampling and the current copyright laws pertaining to music, video and audio recordings.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- COMS 113 - Intro. to Information Systems **Credits: 3**
- COMS 155 - Web Site Development I **Credits: 3**
- GRAD 115 - Intro. to Game Theory & Develop. **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
- COMS 114 - Intro. to Computer Science I **Credits: 3**
- COMS 230 - Networks and Telecommunications **Credits: 3**
- BUSA 101 - Intro. to Business **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ECON 101 - Macroeconomics **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- COMS 115 - Intro. to Computer Science II **Credits: 3**
- COMS 132 - Game Programming **Credits: 3**
- GRAD 128 - Digital Imagery & Editing **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ECON 102 - Microeconomics **Credits: 3**
- COMS 210 - Systems Analysis & Design **Credits: 3**
- COMS 223 - Data Structures **Credits: 3**
- GRAD 235 - Video and Motion Graphics **Credits: 3**
- GRAD 262 - Game Production **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- HIST 101 - Hist of Western Civilization I **Credits: 3**

Developmental Courses

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Graphic Design, A.A.S.

Graphic designers combine artistic ability with technical knowledge to create designs used in print and electronic media that inform, motivate, educate or sell. The objective of this focused multimedia program is designed to provide traditional techniques and the dynamic structure of current computer-based technology. The program will build the groundwork for a career and provide real time in a simulated work environment while preparing a competitive portfolio. Students will develop initiative and critical thinking skills needed to compete in the global market place. Approximately one-half of all program graduates go on to complete a baccalaureate degree in graphic design, film, video, illustration or game art.

Upon completion of this program, graduates will be able to:

- Analyze the history of visual culture and design theory, and apply historical relevance in the context of modern industry issues and trends.
- Execute technical, aesthetic, and conceptual decisions based on understanding the functions of graphic design, illustration, web design and animation.
- Implement current and emerging technologies using both PC and Macintosh platforms as production tools.
- Utilize problem solving techniques and critical thinking skills across a wide range of media to capture the attention of intended audiences.
- Collaborate with diverse teams of creative contributors, production personnel and clients while working with creative constraints and deadlines.
- Apply knowledge of intellectual property issues.
- Produce a professional portfolio in both traditional and digital formats.
- Qualify for various entry-level industry positions, including desktop publishing, graphic designers, production artists, web designers, digital image processors, digital illustrators and assistant art directors.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- GRAD 101 - Design I **Credits: 3**
- GRAD 105 - Vector Graphics & Page Design **Credits: 3**
- GRAD 107 - Drawing for Designers **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 201 - Effective Speaking **Credits: 3**
- ARTA 103 - Art History I **Credits: 3**
    - MAST 000 - Math/Science/Technology Gen Ed Requirement **Credits: 3**
- GRAD 109 - Intro. to Digital Marketing **Credits: 3**
- GRAD 128 - Digital Imagery & Editing **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ARTA 104 - Art History II **Credits: 3**
- GRAD 122 - Typography & Layout **Credits: 3**
- GRAD 135 - Advertising and Package Design **Credits: 3**
- GRAD 144 - Color for Designers **Credits: 3**
- GRAD 119 - Website Management for Digital Marketing **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- GRAD 201 - Presentation & Print Production **Credits: 3**
- GRAD 235 - Video and Motion Graphics **Credits: 3**
- GRAD 280 - Graphic Design Internship **Credits: 2**
- GRAD 281 - Portfolio Prep. & Presentation **Credits: 1**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Math, Science, Technology, Humanities & Social Science General Education Courses

Choose from the list of approved courses in the College catalog.

Developmental Courses

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Health Science, A.A.S.

The Associate in Health Science Degree program was designed to be the next step in health care educational opportunities. Students, who have completed a non-credit post-secondary health care training program, culminating in certification or licensure, are encouraged to enroll in this degree program. This program offers the general educational component which, when completed and combined with credit awarded for their prior health care education, qualify the student to be awarded an Associate of Applied Science Degree in Health Science.

Credit for certification/licensure will be granted after completion of the degree requirements (with grades of "C" or higher) resulting in 61/62 credits. The number of credits awarded for non-credit training will be determined by a review committee consisting of appropriate faculty and administrators at the College. Applicants are required to submit the following documentation for review: a copy of current license or certificate, transcripts and a diploma from the completed training program, and a current resume.

Program Goals:

- Provide educational opportunities for allied health and nursing personnel.
- Engage in public health education within the framework of legal, ethical, and professional standards.
- Adapt health education research findings into practice settings.
- Provide leadership in the health profession.
- Establish a personal commitment to professional growth.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 125 - Tech. Writing & Communication I **Credits: 3**
- PHIL 205 - Contemporary Ethical Issues **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**
  - HSCI 000 - Program/Free Elective **Credits: 3** *
  - HSCI 000 - Program Elective **Credits: 3** *

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- HSCI 000 - Program/Free Elective **Credits: 3** *
- HSCI 000 - Program Elective **Credits: 3** *
- HSCI 000 - Program Elective **Credits: 3** *
- HSCI 000 - Program Elective **Credits: 3** *
- HSCI 000 - Program Elective **Credits: 3** *

Total Semester Hours: 15

Winter Session

Spring Semester

- HSCI 000 - Program/Free Elective **Credits: 3** *
- HSCI 000 - Program/Free Elective **Credits: 3** *
- HSCI 000 - Program Elective **Credits: 3** *
- HSCI 000 - Program Elective **Credits: 3** *
- HSCI 000 - Program Elective **Credits: 3** *

Total Semester Hours: 15

Summer Semester

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- ARTA 103 - Art History I **Credits: 3**
- ARTA 104 - Art History II **Credits: 3**
- ARTA 106 - Art Appreciation **Credits: 3**
- ARTA 107 - History of Contemporary Art **Credits: 3**
- HUMN 101 - Survey of World Culture I **Credits: 3**
- HUMN 102 - Survey of World Culture II **Credits: 3**
- THEA 208 - Theater History I **Credits: 3**

  OR

- ENGL 208 - Theater History I **Credits: 3**
  - THEA 209 - Theater History II **Credits: 3**

  OR

- ENGL 209 - Theater History II **Credits: 3**
- MUSC 101 - Music Appreciation **Credits: 3**
- PHOT 120 - History of Photography **Credits: 3**
- AMSL 101 - American Sign Language I **Credits: 3**
- AMSL 102 - American Sign Language II **Credits: 3**
- GRMN 101 - Elementary German I **Credits: 3**
- GRMN 102 - Elementary German II **Credits: 3**
- SPAN 101 - Elementary Spanish I **Credits: 3**
- SPAN 102 - Elementary Spanish II **Credits: 3**

Program Electives (Recommended)

*Candidates must have a current external certification or license to qualify for admission in to the program. The value of the block of credits granted for professional certification/licensure will be between 15-30 credits and it is based on completed health science program clock hours. The number of electives required will depend on the number of credits granted for professional certification.

- BIOS 103 - Anatomy & Physiology I **Credits: 4**
- BIOS 104 - Anatomy & Physiology II **Credits: 4**
- BIOS 107 - Nutrition Fundamentals **Credits: 3**
- ENGL 201 - Effective Speaking **Credits: 3**
- EXSC 101 - Intro. to Exercise Science **Credits: 3**
- PSYC 109 - Psychology of the Human Lifespan **Credits: 3**
- SOCA 215 - Perspectives On Race, Gender, Class and Culture **Credits: 3**

Free Electives:

Choose from any non-developmental course in the College catalog.

Developmental Courses

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The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement.* Students should check with their advisor.

Hotel and Restaurant Management Option, A.A.S. - Business Management

This program is designed as a terminal degree and prepares students for immediate entry into a career. This program provides students with fundamental business knowledge and prepares them for careers in the Hotel and Restaurant Industry, business development and management, government, retail, and not-for-profit organizations.

The objectives of this program are to:

- Obtain entry-level and supervisory careers in the Hotel and Restaurant Industry, business development and management, government, retail or not-for-profit organizations.
- Analyze contemporary business problems and propose effective solutions using case studies and SWOT analysis (strengths, weaknesses, opportunities, and threats).
- Identify ethical and unethical business behaviors and explain the impact of each type of behavior on an organization's stakeholders (i.e., customers, competitors, investors, creditors, government regulators, employees, etc.).
- Design and deliver effective oral presentations as commonly used in contemporary business environments.
- Use applications software for basic word processing, spreadsheet, and presentation projects.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- CULA 103 - Food Service Sanitation **Credits: 1**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
  - HOST 1O1 - Introduction to Hotel, Restaurant and Institutional Management **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- ENGL 125 - Tech. Writing & Communication I **Credits: 3**
  - MATH 900 - Math Gen Ed Requirement **Credits: 3**
- BUSA 101 - Intro. to Business **Credits: 3**
- COMS 120 - Computer Software Applications **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ACCT 101 - Accounting Princ. I Financial **Credits: 3**
- BUSA 211 - Mgmt. & Organizational Behavior **Credits: 3**
- BUSA 110 - Business Communications **Credits: 3**
  - HOST 136 - Hospitality Marketing **Credits: 3** (FA)
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- BUSA 205 - Business Law I **Credits: 3**
- ECON 101 - Macroeconomics **Credits: 3**
  - HOST 108 - Hotel & Restaurant Operations **Credits: 3** (SP)
  - HOST 201 - Food & Beverage Management **Credits: 3** (SP)
- HOST 280 - Hospitality & Culinary Arts Internship **Credits: 2**

Total Semester Hours: 14

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- HUMN 101 - Survey of World Culture I **Credits: 3**
- HUMN 102 - Survey of World Culture II **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Math General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- MATH 104 - Contemporary Mathematics **Credits: 3**

Developmental Courses

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The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following

math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement.* Students should check with their advisor.

Illustration Option, A.A.S. - Graphic Design

This program is for individuals seeking the skills and education necessary to work commercially as an illustrator. A variety of specialized areas including children's books, editorial, comic books, fashion, commercial or advertising, and scientific illustration will be explored through investigating the history, the modern world, and utilizing hands-on experience with digital imaging and computer-aided drawing software in addition to traditional mediums. In-depth study of the elements and principles of art and design will be encouraged to master technical and creative skills in digital arts, illustration, design techniques, and drawing. A portfolio demonstrating digital imaging, drawing, and illustration skills will be presented upon completion of the program. Approximately one-half of all program graduates go on to complete a baccalaureate degree in game art, animation, graphic design, film, video, or illustration.

The objectives of this program are to:

- Analyze the history of visual culture and design theory, and apply historical relevance in the context of modern industry issues and trends.
- Execute technical, aesthetic, and conceptual decisions based on understanding the functions of graphic design and illustration.
- Implement current and emerging technologies using both PC and Macintosh platforms as production tools.
- Utilize problem-solving techniques and critical thinking skills across a wide range of media to capture the attention of intended audiences.
- Collaborate with diverse teams of creative contributors, production personnel, and clients while working with creative constraints and deadlines.
- Apply knowledge of intellectual property issues.
- Produce a professional portfolio in both traditional and digital formats.
- Qualify for various entry-level industry positions, including desktop publishing, graphic designers, production artists, web designers, digital image processors, digital illustrators, and assistant art directors.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- GRAD 101 - Design I **Credits: 3**
- GRAD 105 - Vector Graphics & Page Design **Credits: 3**
- GRAD 107 - Drawing for Designers **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 201 - Effective Speaking **Credits: 3**
  - MAST 000 - Math/Science/Technology Gen Ed Requirement **Credits: 3**
- GRAD 128 - Digital Imagery & Editing **Credits: 3**
- GRAD 138 - Comic Book Illustration **Credits: 3**
- GRAD 153 - Character Design **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ARTA 103 - Art History I **Credits: 3**
- GRAD 109 - Intro. to Digital Marketing **Credits: 3**
- GRAD 139 - Children's Book Illustration **Credits: 3**
- GRAD 150 - Storyboarding & Sequential Storytelling **Credits: 3**
- GRAD 144 - Color for Designers **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ARTA 104 - Art History II **Credits: 3**
- GRAD 230 - Directed Themes in Illustration **Credits: 3**
- GRAD 280 - Graphic Design Internship **Credits: 2**
- GRAD 281 - Portfolio Prep. & Presentation **Credits: 1**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Semester

Total Program Hours: 60

Math, Science, Technology, Humanities or Social Science General Education Courses

Choose from the list of approved courses in the College catalog.

Developmental Courses

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Information Technology Option, A.A.S. - Computer Information Systems

This program is designed as a terminal degree and prepares students for immediate entry into a career. This program provides students with technical knowledge and prepares them for careers in the IT fields to work for computer companies, consulting firms, businesses, financial companies, government, retail and not-for-profit organizations.

The objectives of this program are to:

- Apply computer science concepts directly to situations found in the working environment.
- Interpret problems and apply solutions in a variety of situations, including networking, operating systems, and IT skills.
- Interpret concepts found in technical manuals on networking and operating systems design.
- Communicate technical information effectively, in both verbal and written forms.
- Demonstrate effective problem-solving skills based on technical knowledge and practice.
- Understand, integrate, and apply network construction knowledge and skills professionally.
- Demonstrate professionalism with attitude, conduct, and ethical work practices.
- Communicate skillfully with other industry professionals involved in the IT process.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- COMS 113 - Intro. to Information Systems **Credits: 3**
- BUSA 101 - Intro. to Business **Credits: 3**
- COMS 111 - IT Fundamentals **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- COMS 114 - Intro. to Computer Science I **Credits: 3**
- COMS 230 - Networks and Telecommunications **Credits: 3** (SP)
- MATH 108 - Statistics **Credits: 3**
- COMS 155 - Web Site Development I **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ECON 101 - Macroeconomics **Credits: 3**
    - COMS 233 - Internetworking Design **Credits: 3**
- COMS 218 - Database Management Systems **Credits: 3** (FA)
- COMS 221 - Operating Systems **Credits: 3** (FA)
- COMS 141 - Linux Fundamentals for Cyber Security **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ECON 102 - Microeconomics **Credits: 3**
- COMS 210 - Systems Analysis & Design **Credits: 3** (SP)
- COMS 234 - Networking Management & Security **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- COMS 240 - Computer Information Systems Internship **Credits: 3**

Total Semester Hours: 15

Summer Semester

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved Humanities General Education courses in the College catalog.

- HIST 101 - Hist of Western Civilization I **Credits: 3**

Developmental Courses

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Machine Tool Technology Option, A.A.S. - Technical Studies

The Machine Tool Technology A.A.S program gives the students an opportunity to gain a broader knowledge and to achieve a higher skill level in machining than is offered in the one-year certificate program. Students are required to develop advanced skills in planning, designing, producing CAD prints, and setting up and operating machine tools to produce precision parts to specifications. The students receive training in programming, setting up, and operating CNC turning and machining centers. There is also a general education component integrated into the program to satisfy demands for appropriate workforce skills. Upon completing the A.A.S. degree program, students have the necessary skills to become employed as an entry-level machinist or CNC technician.

The objectives of this program are to:

- Enter the industry as industrial machinery mechanics, machinery maintenance workers, or millwrights. career opportunities also exist in construction, manufacturing, fabrication, sales, quality control, supervision, and machine-related self-employment.
- Employ safety skills in an industrial setting.
- Communicate procedures and methods to other related disciplines.
- Produce parts to meet blueprint requirements on manual and computer numerical controlled machines.
- Perform programming and setup procedures on a computer numerical controlled lathe and mill.
- Integrate knowledge to design parts using computer-aided drafting software.
- Apply skills to manufacture parts using computer-aided machining software on computer numerical machines.
- Demonstrate professionalism with attitude, conduct and ethical work practices.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
- MCHT 103 - Print and Drawing Interpretation **Credits: 3**
    - MCHT 105 - Machine Tool Technology I **Credits: 4**
    - MCHT 115 - Instruments, Tools, & Machines **Credits: 2**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 125 - Tech. Writing & Communication I **Credits: 3**
    - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
- MCHT 135 - Intro. to CNC Program and Operations **Credits: 3**

    - TSC 000 - Technical Studies Core **Credits: 4**

  OR

    - MCHT 000 - Program Elective **Credits: 4**

    - TSC 000 - Technical Studies Core **Credits: 3**

  OR

    - MCHT 000 - Program Elective **Credits: 3**

Total Semester Hours: 16

Summer Session

Second Year

Fall Semester

- TSC 000 - Technical Studies Core **Credits: 4**
  OR
- MCHT 000 - Program Elective **Credits: 4**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- MCHT 000 - Program Elective **Credits: 3**

- GNED 000 - General Education Requirement **Credits: 3**

- GHMN 000 - Humanities **Credits: 3**
  OR
- GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 13

Winter Session

Spring Semester

- TSC 000 - Technical Studies Core **Credits: 3**

OR

- MCHT 000 - Program Elective **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**

OR

- MCHT 000 - Program Elective **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 4**

OR

- MCHT 000 - Program Elective **Credits: 4**

- GNED 000 - General Education Requirement **Credits: 3**
- COMS 225 - Computer Aided Design **Credits: 3**

Total Semester Hours: 16

Summer Session

Total Program Hours: 60

Humanities/Social Science Gen Ed Requirement

Choose from the list of approved courses listed in the College catalog

Technical Studies Core or Program Electives Courses (Recommended)

** Technical Studies credits may be earned for corporate, industrial, or military training programs after review by a faculty assessor of related program. Individuals without sufficient technical training experience must select courses in one of the programs/options listed below to satisfy the Technical Studies credit requirements. All courses should be selected with assistance from a faculty advisor.

- MCHT 125 - Machine Tool Technology II **Credits: 4** (SP)
- MCHT 147 - CNC Turning & Machine Centers **Credits: 3** (SP)
- MCHT 218 - Machine Tool Technology III **Credits: 4** (FA)
- MCHT 225 - Computer Aided Machining I **Credits: 3** (FA)
- MCHT 235 - Computer Aided Machining II **Credits: 3** (SP)
- MCHT 240 - Manufacturing Methods **Credits: 3** (SP)
- MCHT 280 - Machine Tool Internship **Credits: 4** (SP)

Select Courses from One of the Following Programs (P)/Options (O)

(Courses must be approved by appropriate faculty advisor):

Automotive Service Technology (P)

Building Construction Technology (O)

Business Management (P)

Computer Information Systems (P)

Diesel Service Technology (O)

Engineering Science (O)

Graphic Design (P)

Welding Technology (O)

Technology General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- COMS 110 - Computer Concepts & Applications **Credits: 3**

Developmental Courses

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New Media Communication, A.A.S.

This program is designed to prepare students for career entry in the fields of multimedia design and production and desktop/electronic publishing. The course of study is interdisciplinary in nature, integrating specialized knowledge and skills from three academic areas at Sussex County Community College: computer information systems, communications, and graphic design.

The objectives of this program are to:

- Identify and analyze effective models of communication.
- Apply basic design and computer graphics concepts to create visually aesthetic multimedia presentations.
- Use vendor-supplied multimedia materials for the development of presentation documents.
- Design and produce original interactive multimedia presentations or courseware modules using advanced-level authoring tools and intermediate computer-based production software.
- Apply the presentation planning process, including audience assessment, identification of objectives, and determination of production budget and scheduling.
- Write scripts for multimedia presentations.
- Communicate effectively with both media specialists and non-technical clients.
- Work effectively as members of a design and production team.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- COMM 101 - Intro. to Mass Communications **Credits: 3**
- COMM 130 - Television Production I **Credits: 3**
- GRAD 105 - Vector Graphics & Page Design **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 201 - Effective Speaking **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- GRAD 128 - Digital Imagery & Editing **Credits: 3**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- GRAD 142 - Digital Typography and Color **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ○ GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- ○ LSCI 000 - Science Gen Ed Requirement **Credits: 3**
- COMM 203 - Writing for the Media **Credits: 3**
- GRAD 109 - Intro. to Digital Marketing **Credits: 3**
- GRAD 119 - Website Management for Digital Marketing **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 215 - Journalism I **Credits: 3**
  - ○ GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- COMM 220 - Photojournalism **Credits: 3**
- GRAD 235 - Video and Motion Graphics **Credits: 3**
  - ○ GRAD 290 - Internship Portfolio: New Media **Credits: 2**
  - ○ GRAD 291 - Portfolio Preparation and Presentation **Credits: 1**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- PHYS 107 - Introductory Meteorology **Credits: 4**

Humanities or Social Science General Education Courses

Choose from the list of approved General Education courses in the College catalog.

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Nurse Education, A.A.S.

SCCC has entered into a unique collaboration with Passaic County Community College to enable PCCC students to obtain an outstanding nursing education here in Sussex County. In this program, students take the pre-nursing courses with SCCC. Admission to the PCCC Nursing Program is competitive. The selection at the SCCC campus is limited to 20 students. Applicants must note that at the Sussex Campus, priority is given to the residents of Sussex County, NJ and Pike County, PA only. The Sussex Campus also gives preference to applicants who have completed a majority of the required general education credits at SCCC. The priority at the PCCC campus is given to Passaic County residents with others being considered on a space availability basis. The PCCC Nurse Education Program also offers an LPN-RN mobility option.

This option allows LPNs who wish to continue their education to become an RN to get credit for Nursing I after certain admission requirements are met. Nursing II, III, and IV must be completed with the PCCC Nurse Education Program at either the SCCC Campus or the PCCC campus. Acceptance is based on several criteria and the availability of a seat in Nursing II at either campus.

Qualified students who are admitted to the PCCC Nurse Education Program, offered in conjunction with SCCC, take the clinical nursing courses with PCCC here on the SCCC campus and in clinical sites throughout northern NJ. These clinical courses comprise a four-semester sequence which begins every year in January. General education courses from the sciences and liberal arts enhance the students' understanding of clients with acute and chronic health problems. The curriculum prepares students to practice in hospitals and healthcare agencies within the framework of the American Nurses Association's Standards of Practice and the New Jersey Nurse Practice Act. Applicants for admission to the Nurse Education Program must be high school graduates or have high school equivalency diplomas (GED). They also must meet admission criteria selected to ensure that accepted candidates have the potential to succeed in a rigorous academic program.

Admission criteria are minimum standards and, in most cases, applicants accepted into the program exceed these requirements. The following requirements must be met prior to admission.

Meet PCCC Admission Criteria

- Achieve satisfactory scores on the Accuplacer Placement Test for placement in college-level mathematics/English courses, OR complete the required remediation with a grade of "C" or higher.
- Complete CHEM 100 - Introductory Chemistry with a grade of "C" or higher within the past five years. If you have not completed at least one high school laboratory science course within the past five years, it is recommended that you complete a general science laboratory course with a grade of "C" or higher.
- Achieve a passing score on the TEAS (entrance exam) with a minimum of 50% in three subject areas, Math, Reading, and English. A passing score is required but does not guarantee acceptance. Acceptance is based on a point score for three areas, GPA, Number of college credits, and results of the TEAS.
- Applicants are admitted in rank order of their point score along with other considerations listed in the program description.
- The TEAS test is offered several times each semester through the Testing Center.

The objectives of this program are to:

- Integrate into practice knowledge and skills from the sciences, liberal arts, and nursing.
- Apply the nursing process when caring for clients to promote, restore, and maintain health.
- Individualize nursing care to accommodate cultural, ethnic, and economic differences in clients and families.
- Practice nursing is based on ethical considerations within the legal parameters of the Nurse Practice Act and the American Nurses Association Code of Ethics and Standards of Care.
- Communicate in an effective manner with clients, client's families, and the interprofessional health care team.
- Demonstrate accountability for personal and professional development.

- Integrate developmental principles when caring for clients of all ages.
- Implement evidence-based clinical judgement as an associate degree nurse as a provider of care, manager of care, and member of the interprofessional health care team.
- Collaborate with the interprofessional health care team to ensure continuity of care for clients and their families.

General Education Requirements

GENERAL EDUCATION REQUIREMENTS (34 Credits) Taken through SCCC

Communication (6 cr.)

- ENGL 101 - English Composition I **Credits: 3**
- ENGL 102 - English Composition II **Credits: 3**

Humanities (3 cr.)

Choose from the list of approved General Education courses in the College catalog

Required Science Electives (16 cr.)

- BIOS 103 - Anatomy & Physiology I **Credits: 4**
- BIOS 104 - Anatomy & Physiology II **Credits: 4**
- BIOS 210 - Microbiology **Credits: 4**
- CHEM 100 - Introductory Chemistry **Credits: 4**

Required Social Sciences (9 cr.)

- PSYC 101 - Introduction to Psychology **Credits: 3**
- PSYC 109 - Psychology of the Human Lifespan **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Program Requirements

NURSING CORE (34 Credits) Taught at SCCC Campus for PCCC

Applying for the nursing program is not automatic. Pre-Nursing students must formally submit an application for the nursing program. The application deadline for the nursing program is October 1 each year and the deadline for the LPN Mobility Program is February 1 each year.

Required Courses (34 cr.)

- NUR 101/PCC 101 - Nursing I **Credits: 7** Spring Only
- NUR 102/PCC 102 - Nursing II **Credits: 8** Fall Only
- NUR 201/PCC 201 - Nursing III **Credits: 9** Spring Only
- NUR 202/PCC 202 - Nursing IV **Credits: 9** Fall Only
- NUR 203/PCC 203 - Nursing Transition **Credits: 1** Fall Only

Total Program Hours: 68

The A.A.S. in Nurse Education is conferred by Passaic County Community College. PCCC determines the criteria for successful completion of this program.

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Optics Technology Option, A.A.S. - Technical Studies

The Optics Technology program gives students an opportunity to gain knowledge and skills in the field of optical manufacturing, and complete integrated general education courses needed for the industry. Students will develop advanced skills in the comprehension of technical drawings, material handling, conventional grinding and polishing, optomechanical assembly, metrology, and quality control. Additionally, students receive training in programming, setting up, and operating CNC grinding and polishing machines. Upon completing this A.A.S. degree program, students will have the necessary skills to become employed, as a technician, in the optics industry. Career opportunities also exist in quality control, optical coating, laser fabrication, fiber optics, and precision assemblies.

The objectives of this program are to:

- Employ safety skills in an industrial setting.
- Demonstrate knowledge and skills in conventional and CNC manufacturing of optics.
- Produce parts to meet technical drawing requirements required in both conventional and computer numerical controlled machines.
- Apply skills in metrology for the purpose of first article inspection reports.
- Perform setup procedures on a computer numerical controlled (CNC) grinding and polishing systems.
- Exhibit professionalism and ethical work practices.
- Perform assembly of multiple optical elements.
- Apply proper handling and cleaning skills of various optical elements.
- Utilize Military and ISO specifications to execute an inspection plan.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
- OPTC 101 - Fundamentals of Optics I **Credits: 3**
- OPTC 107 - Standards of Optics **Credits: 3**
- OPTC 112 - Measurement and Analysis I **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 125 - Tech. Writing & Communication I **Credits: 3**
  - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**
  - GNED 000 - General Education Requirement **Credits: 3**
- OPTC 121 - Ray Optics **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - OPTC 000 - Program Option Elective **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

  - GHMN 000 - Humanities **Credits: 3**

  OR

  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**
- OPTC 140 - Conventional Optics Manufacturing I **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - OPTC 000 - Program Option Elective **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

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OR

- OPTC 000 - Program Option Elective **Credits: 3**

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Total Semester Hours: 15

Winter Session

Spring Semester

- GNED 000 - General Education Requirement **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- OPTC 000 - Program Option Elective **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- OPTC 000 - Program Option Elective **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- OPTC 000 - Program Option Elective **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- OPTC 000 - Program Option Elective **Credits: 3**

Total Semester Hours: 15

Summer Semester

Total Program Hours: 60

Humanities/Social Science Gen Ed Requirement

Choose from the list of approved courses listed in the College catalog

Technical Studies Core or Program Electives Courses (Recommended)

Technical Studies credits may be earned for corporate, industrial, or military training programs after review by a faculty assessor of related program. In addition to the recommended courses, individuals without sufficient technical training experience can select courses in one of the programs/options listed below to satisfy the Technical Studies and Program Elective credit requirements. All courses should be selected with assistance from a faculty advisor.

- OPTC 210 - Measurement and Analysis II **Credits: 3** (SP 1st Year)
- OPTC 217 - Optical Materials I **Credits: 3** (FA 2nd Year)
- OPTC 225 - CNC Optics Manufacturing I **Credits: 3** (FA 2nd Year)
- OPTC 231 - Fundamentals of Optics II **Credits: 3** (SP 2nd Year)
- OPTC 240 - Conventional Optics Manufacturing II **Credits: 3** (SP 2nd Year)
- OPTC 247 - CNC Optics Manufacturing II **Credits: 3** (SP 2nd Year)
- OPTC 255 - Advanced Optical Systems **Credits: 3** (SP 2nd Year)

Technology General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- COMS 110 - Computer Concepts & Applications **Credits: 3**

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Paralegal Studies, A.A.S.

This program is structured to provide a fundamental knowledge of the law while training the student for practical application of the legal concepts learned. The program of study is career-oriented and is not designed specifically for students who plan to transfer to a four-year institution or attend law school.

The objectives of this program are to:

- Seek entry-level positions in law offices, governmental entities (courts, regulatory agencies, and law enforcement agencies, etc.), businesses and non-profit organizations.
- Demonstrate a fundamental understanding of legal issues related to litigation, family law, criminal law, contracts, business entities, wills and probate, real estate transactions, and legal research and writing.
- Assist attorneys in the preparation of a wide variety of legal documents using word processing software while assisting with office management.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- LEGA 100 - Intro. to the American Legal Sys **Credits: 3 (FA & SP)**
- LEGA 105 - Legal Research & Writing I **Credits: 3 (FA)**

Total Semester Hours: 12

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- LEGA 103 - New Jersey Practice **Credits: 3 (SP)**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- LEGA 210 - Legal Research and Writing II **Credits: 3 (SP)**
- BUSA 205 - Business Law I **Credits: 3 (FA, SP & SU)**

Total Semester Hours: 15

Summer Session

- LEGA 115 - Real Estate Transactions **Credits: 3 (SU)**
- BUSA 206 - Business Law II **Credits: 3 (SU)**

Total Semester Hours: 6

Second Year

Fall Semester

- PSYC 101 - Introduction to Psychology **Credits: 3**
- LEGA 110 - Estates and Trusts **Credits: 3 (FA)**
- LEGA 120 - Family Law **Credits: 3 (FA)**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- LEGA 106 - Civil Litigation **Credits: 3 (FA)**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 201 - Effective Speaking **Credits: 3**
- LEGA 281 - Paralegal Internship **Credits: 3 (FA, SP & SU)**
  - PALG 000 - Program Elective **Credits: 3**
  - MASC 000 - Math/Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 12

Summer Session

Total Program Hours: 60

Math, Science, Humanities & Social Science General Education Courses

Choose from the list of approved courses in the College catalogue.

Program Electives (Recommended)

Recommended courses listed below but student can also choose from any LEGA course designation.

- LEGA 215 - Bankruptcy **Credits: 3**
- LEGA 217 - Worker's Compensation **Credits: 3**
- LEGA 218 - Torts **Credits: 3**
- LEGA 230 - Elder Law **Credits: 3**
- LEGA 250 - Spec. Topics in Paralegal Studies **Credits: 4**

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Social Media Marketing Option, A.A.S. - Graphic Design

Graphic designers combine artistic ability with technical knowledge to create designs used in print and electronic media that inform, motivate, educate or sell. The objective of this focused multimedia program is designed to provide traditional techniques and the dynamic structure of current computer-based technology. The program will build the groundwork for a career and provide real-time in a simulated work environment while preparing a competitive portfolio. Students will develop the initiative and critical thinking skills needed to compete in the global marketplace. Approximately one-half of all program graduates go on to complete a baccalaureate degree in graphic design, film, video, illustration, or game art.

The objectives of this program are to:

- Analyze the history of visual culture and design theory, and apply historical relevance in the context of modern industry issues and trends.
- Execute technical, aesthetic, and conceptual decisions based on understanding the functions of graphic design, illustration, web design, and animation.
- Implement current and emerging technologies using both PC and Macintosh platforms as production tools.
- Utilize problem-solving techniques and critical thinking skills across a wide range of media to capture the attention of intended audiences.
- Collaborate with diverse teams of creative contributors, production personnel and clients while working with creative constraints and deadlines.
- Apply knowledge of intellectual property issues.
- Produce a professional portfolio in both traditional and digital formats.
- Qualify for various entry-level industry positions, including desktop publishing, graphic designers, production artists, web designers, digital image processors, digital illustrators, and assistant art directors.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- GRAD 101 - Design I **Credits: 3**
- GRAD 105 - Vector Graphics & Page Design **Credits: 3**
- GRAD 109 - Intro. to Digital Marketing **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 201 - Effective Speaking **Credits: 3**
- BUSA 101 - Intro. to Business **Credits: 3**
  - MAST 000 - Math/Science/Technology Gen Ed Requirement **Credits: 3**
- COMS 155 - Web Site Development I **Credits: 3**
- GRAD 128 - Digital Imagery & Editing **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ARTA 103 - Art History I **Credits: 3**
- BUSA 220 - Principles of Marketing **Credits: 3**
- GRAD 122 - Typography & Layout **Credits: 3**
- GRAD 119 - Website Management for Digital Marketing **Credits: 3**
- GRAD 219 - Digital Marketing II **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ARTA 104 - Art History II **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- GRAD 235 - Video and Motion Graphics **Credits: 3**
- GRAD 280 - Graphic Design Internship **Credits: 2**
- GRAD 281 - Portfolio Prep. & Presentation **Credits: 1**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Math, Science, Technology, Humanities & Social Science General Education Courses

Choose from the list of approved courses in the College catalog.

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Supply Chain Management, A.A.S. - Technical Studies

This program is designed to prepare students for immediate entry into the workforce. The program provides students with fundamental business knowledge, logistics and transportation, skills in inventory control, warehouse management, and supervision for careers in the Supply Chain Management Industry.

Upon completion of this program, graduates will be able to:

- Apply knowledge of business and management with a focus on the function of Supply Chain Management.
- Execute the functions and activities of a Supply Chain Management professional.
- Demonstrate technical competence associated with the Supply Chain Management Industry.
- Utilize leadership skills and employment success strategies in an organizational culture.
- Collaborate in teams where there are diverse populations connecting supply chains and logistics networks
- Communicate industry functions in a professional written and oral manner.
- Interpret basic financial statements and managerial reports.
- Exhibit strong business practices and work ethic appropriate to the Supply Chain Management Industry.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- BUSA 101 - Intro. to Business **Credits: 3**
- SCMG 101 - Principles of Supply Chain Mgmt. **Credits: 3**
- SCMG 105 - Purchasing Mgmt. & Principles **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- ACCT 101 - Accounting Princ. I Financial **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- SCMG 110 - Inventory Management **Credits: 3**
- SCMG 215 - Warehousing Distribution **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- MATH 108 - Statistics **Credits: 3**
- ACCT 102 - Accounting Princ. II Managerial **Credits: 3**
- ECON 101 - Macroeconomics **Credits: 3**
  - GNED 000 - General Education Requirement **Credits: 3**
- BUSA 205 - Business Law I **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- BUSA 120 - Small Business Management **Credits: 3** (SP)
- BUSA 125 - Principles of Supervision **Credits: 3** (SP)
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- SCMG 115 - Shipping, Receiving & Logistics **Credits: 3**
- SCMG 225 - Performance Indicators and Benchmarking **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities & General Education Courses

Choose from the list of approved courses in the College catalog.

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Technical Studies, A.A.S.

Provide recognition for work and experience while assisting individuals in their preparation for career advancement or change. This program is designed to provide skills for personal, professional, and community improvement. The program is highly individualized and flexible. Technical Studies credits may be earned for corporate, industrial, or military training programs after review processes. Graduates will be awarded an associate in applied science degree upon successful completion of this program.

The objectives of this program are to:

- Formulate an educational plan designed to accomplish a personal/professional goal.
- Demonstrate an attitude of responsibility to self, employer, and community.
- Advance in career, building on already acquired skills and competencies
- Display increased technical knowledge and skills.
- Demonstrate the comprehensive mathematical, scientific, social, and psychological skills necessary for personal career growth.
- Present technical information in effective oral, written, and technical form.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - TSRQ 000 - Required Course **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - TSRQ 000 - Required Course **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - TSRQ 000 - Required Course **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- GTEC 000 - Technology Gen Ed Requirement **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- TSRQ 000 - Required Course **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- TSRQ 000 - Required Course **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- TSRQ 000 - Required Course **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- TSRQ 000 - Required Course **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ENGL 125 - Tech. Writing & Communication I **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - TSRQ 000 - Required Course **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - TSRQ 000 - Required Course **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - TSRQ 000 - Required Course **Credits: 3**

  - GHMN 000 - Humanities **Credits: 3**

  OR

  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- TSRQ 000 - Required Course **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- TSRQ 000 - Required Course **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- TSRQ 000 - Required Course **Credits: 3**

- GNED 000 - General Education Requirement **Credits: 3**
- GNED 000 - General Education Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities or Social Science General Education Requirements

Choose from the list of approved Humanities or Social Science courses listed in the College catalog

Technical Studies Core or Technical Studies Required Courses

Technical Studies credits may be earned for corporate, industrial, or military training programs after review by a faculty assessor of related program. Individuals without sufficient technical training experience must select courses in one of the programs/options listed below to satisfy the Technical Studies credit requirements. All courses should be selected with assistance from a faculty advisor.

Technology General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- COMS 110 - Computer Concepts & Applications **Credits: 3**

Select Courses from One of the Following Programs(P)/Options(O)

(Courses must be approved by appropriate faculty advisor):

Agricultural Business (P)

Automotive Service Technology (P)

Building Construction Technology (O)

Business Management (P)

Cosmetology (O)

Computer Information Systems (P)

Diesel Service Technology (O)

Electronic Music & Recording (O)

Engineering Science (O)

Graphic Design (P)

Horticultural Science (P)

Machine Tool Technology (O)

New Media Communications (P)

Welding Technology (O)

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Technical Theater Option, A.A.S. - Technical Studies

The Technical Theater degree provides hands-on practical training and experimental learning in several areas of technical theatre production. Emphasis is on developing skills in modern production technology including constructing and rigging scenery, hanging and focusing of lighting, design and procurement of costumes, make-up, stage management, audio engineering, and procurement of props. Students will have the opportunity to participate in live productions.

The objectives of this program are to:

- Demonstrate well-developed personal skills in the workplace and as part of the crew.
- Investigate and problem solves as an individual and in a collaborative team setting.
- Integrate the techniques of the creative process into the production area.
- Employ the tools, technology, and skills required to problem solve for production.
- Understand and interpret the design areas into a realized form for performance.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- GRAD 101 - Design I **Credits: 3**
- GRAD 107 - Drawing for Designers **Credits: 3**

    - TSC 000 - Technical Studies Core **Credits: 3**

  OR

    - TCTH 000 - Program Elective **Credits: 3**

    - TSC 000 - Technical Studies Core **Credits: 3**

  OR

    - TCTH 000 - Program Elective **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- MATH 105 - Technical Mathematics **Credits: 3**
    - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**

    - TSC 000 - Technical Studies Core **Credits: 3**

  OR

    - TCTH 000 - Program Elective **Credits: 3**

    - TSC 000 - Technical Studies Core **Credits: 3**

  OR

    - TCTH 000 - Program Elective **Credits: 3**

    - TSC 000 - Technical Studies Core **Credits: 3**

  OR

    - TCTH 000 - Program Elective **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ENGL 125 - Tech. Writing & Communication I **Credits: 3**
  - GNED 000 - General Education Requirement **Credits: 3**
- ARTA 115 - Three Dimensional Design **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - TCTH 000 - Program Elective **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - TCTH 000 - Program Elective **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- MUSC 155 - Live Sound Production **Credits: 3**
  - GNED 000 - General Education Requirement **Credits: 3**

  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - TCTH 000 - Program Elective **Credits: 3**

- THEA 240 - Set Design and Construction **Credits: 3**

  - GHMN 000 - Humanities **Credits: 3**

  OR

  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Technical Studies Core or Program Elective Courses (Recommended)

Technical Studies credits may be earned for corporate, industrial, or military training programs after review by a faculty assessor of related program. Individuals without sufficient technical training experience must select courses in one of the programs/options listed below to satisfy the Technical Studies credit requirements. All courses should be selected with assistance from a faculty advisor.

- ARTA 108 - Basic Drawing **Credits: 3**
- ARTA 110 - Intro to Color **Credits: 3**
- THEA 102 - Acting I **Credits: 3**
- THEA 130 - Stage and Theater Make-up **Credits: 3**
- THEA 135 - Properties & Set Augmentation **Credits: 3**
- THEA 230 - Theater and Event Lighting **Credits: 3**
- THEA 235 - Costume Technology **Credits: 3**
- THEA 245 - Stage Management **Credits: 3**

Technology General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- COMS 110 - Computer Concepts & Applications **Credits: 3**

Humanities General Education Courses

Choose from the list of approved courses in the College catalog.

General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- THEA 208 - Theater History I **Credits: 3**
  - THEA 209 - Theater History II **Credits: 3**

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Welding Technology Option, A.A.S. - Technical Studies

The Welding Technology Program provides students with a comprehensive understanding of the science, technology, and applications essential for successful employment in the welding and metal industry. In addition to gaining an overall understanding of welding machines, weld processes, and hands-on proficiency, students develop skills in the areas of print reading, welding symbols, metallurgy, weld inspection, destructive and non-destructive testing. Students gain important knowledge and skills necessary to prepare them for weld qualification to code specifications. Students perform quality welds and cuts, evaluate welds to industry standards, operate metal fabricating equipment, and apply communication skills in the work environment.

Successful graduates of the Welding Technology curriculum may be employed as entry-level technicians in the welding and

metalworking industries. Career opportunities also exist in construction, manufacturing, fabrication, sales, quality control, supervision, and welding-related self-employment.

Upon completion of this program, graduates will be able to:

- Demonstrate basic concepts and practices of technical drawing and blueprint reading in accordance with industry standards
- Articulate safety guidelines and proper use of tools
- Articulate industrial quality control procedures
- Perform quality welds and cuts to industry standards.
- Apply principles of welding theory to welding practice
- Demonstrate proper use of welding-related terms
- Demonstrate critical thinking and communication skills.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
- WELD 101 - Welding Safety **Credits: 1**
- WELD 110 - Thermal Cutting and Oxyfuel Welding **Credits: 3**
- WELD 115 - Shielded Metal Arc Welding I **Credits: 3**

    - GHMN 000 - Humanities **Credits: 3**

  OR

    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- ENGL 125 - Tech. Writing & Communication I **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- WELD 120 - Welding Metallurgy **Credits: 2**

    - TSC 000 - Technical Studies Core **Credits: 3**

  OR

    - WELD 000 - Program Elective **Credits: 3**

    - TSC 000 - Technical Studies Core **Credits: 3**

  OR

- WELD 000 - Program Elective **Credits: 3**

Total Semester Hours: 14

Summer Session

Second Year

Fall Semester

- TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - WELD 000 - Program Elective **Credits: 3**
  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - WELD 000 - Program Elective **Credits: 3**
  - TSC 000 - Technical Studies Core **Credits: 3**

  OR

  - WELD 000 - Program Elective **Credits: 3**
- WELD 135 - Gas Metal Arc Welding **Credits: 3**
  - GNED 000 - General Education Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- WELD 000 - Program Elective **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- WELD 000 - Program Elective **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- WELD 000 - Program Elective **Credits: 3**

- TSC 000 - Technical Studies Core **Credits: 3**
  OR
- WELD 000 - Program Elective **Credits: 3**

- GNED 000 - General Education Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities or Social Science Gen Ed Requirement

Choose from the list of approved courses listed in the College catalog

Technical Studies Core or Program Electives Courses (Recommended)

Technical Studies credits may be earned for corporate, industrial, or military training programs after review by a faculty assessor of related program. Individuals without sufficient technical training experience must select courses in one of the programs/options listed below to satisfy the Technical Studies credit requirements. All courses should be selected with assistance from a faculty advisor.

- WELD 105 - Print Reading & Welding Symbols **Credits: 3** (SP)
- WELD 125 - Shielded Metal Arc Welding II **Credits: 3** (SP)
- WELD 130 - Flux Cored Arc Welding **Credits: 3** (FA)
- WELD 140 - Welding Fabrication **Credits: 3** (FA)
- WELD 201 - Basic Pipe Welding **Credits: 3** (FA)
- WELD 225 - Ornamental Ironwork **Credits: 3** (SP)
- WELD 230 - Creative Welding **Credits: 3** (SP)
- WELD 205 - Gas Tungsten Arc Welding **Credits: 3** (SP)
- WELD 280 - Welding Technology Internship **Credits: 3** (SP)

Select Courses from One of the Following Programs (P)/Options (O)

(Courses must be approved by appropriate faculty advisor):

Automotive Service Technology (P)

Building Construction Technology (O)

Business Management (P)

Computer Information Systems (P)

Diesel Service Technology (O)

Engineering Science (O)

Graphic Design (P)

Machine Tool Technology (O)

Technology General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- COMS 110 - Computer Concepts & Applications **Credits: 3**

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Associate in Fine Arts

The Associate in Fine Arts degree is designed for the student who is planning a career in studio arts, photography or design or who plans to transfer to a four year institution or professional art school. The program provides liberal studies required by most B.F.A. programs and sufficient studio courses for junior year status.

Architecture Design Option, A.F.A. - Studio Arts

The Architecture Design Option develops an understanding and ability to create within the discipline of architecture through the study of art, art history, theory, technology, and studio work. The degree is intended to provide students with the necessary portfolio to transfer seamlessly to a Bachelor of Fine Arts program majoring in Architectural Design.

Upon completion of this program, graduates will be able to:

- Use the techniques, skills, and modern engineering tools necessary for designing a physical structure.
- Analyze the strength and weaknesses of architectural designs in history.
- Examine connections between theory and practice in the field of Architecture
- Design a structure that meets the desired needs within realistic constraints, i.e., economic, environmental, social, political, ethical, health, safety, and sustainability.
- Create a portfolio of hand-drawn and digital drawings.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**

- ENGL 101 - English Composition I **Credits: 3**
- ARTA 103 - Art History I **Credits: 3**
    - MATH 900 - Math Gen Ed Requirement **Credits: 3**
    - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- ARTA 108 - Basic Drawing **Credits: 3**
- ARTA 104 - Art History II **Credits: 3**
- ARTA 101 - Basic Design **Credits: 3**
    - ARTA 002 - Studio Art Elective **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- MATH 900 - Math Gen Ed Requirement **Credits: 3**
- ARTA 110 - Intro to Color **Credits: 3**
- ARTA 115 - Three Dimensional Design **Credits: 3**
- ARTA 150 - Life Drawing I **Credits: 3**
- COMS 225 - Computer Aided Design **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- SOCA 101 - Intro. to Sociology **Credits: 3**
- DESN 120 - History of Design **Credits: 3**

- PHYS 110 - Physics I **Credits: 4**
- ARTA 262 - Portfolio for Architecture Design **Credits: 2**
  - ARTA 002 - Studio Art Elective **Credits: 3**

Total Semester Hours: 15

Summer Semester

Total Program Hours: 60

Math General Education Requirement Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education Requirements courses in the College catalog.

- MATH 110 - Pre-Calculus I **Credits: 3**
- MATH 112 - Pre-Calculus II **Credits: 3**

Technology Gen Ed Requirement Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- COMS 110 - Computer Concepts & Applications **Credits: 3**

Studio Art Elective

Choose from any ARTA course designations.

Developmental Courses

Sussex has embraced a practice of directed self-choice whereby students are encouraged, through guided conversations with an advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Art Education Option, A.F.A. - Studio Arts

Students enrolled in the Art Education Option Program acquire strong knowledge and skills through both Studio Arts and Art Education curricula employing a wide range of 2D and 3D as well as digital and graphic design media and processes. Students gain a conception of art education that integrates art making, art history, visual culture, art criticism, philosophies of art, art education theory, social-justice influences, and community-based artistic engagements. Also addressed in the curriculum are the ways interdisciplinary aspects of art education can affect societal beliefs, values, and behaviors.

Upon completion of this program, graduates will be able to:

- Exhibit a competency to lead visual art activities for children or adults.
- Exhibit knowledge of art history, art curriculum, and program development.
- Demonstrate the ability to design an individualized course of study that explores ways of reaching art students in and through the arts.
- Demonstrate through art education the intrinsic societal value of the visual arts.
- Demonstrate analytical skills and explore relationships of the arts to other sectors in education.
- Create a portfolio of visual art exercises to be used in classes.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- ARTA 103 - Art History I **Credits: 3**
- ARTA 101 - Basic Design **Credits: 3**
  - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- ARTA 104 - Art History II **Credits: 3**
- ARTA 108 - Basic Drawing **Credits: 3**
- ARTA 110 - Intro to Color **Credits: 3**
- EDUC 202 - Historical and Philosophical Patterns in Education **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- PSYC 101 - Introduction to Psychology **Credits: 3**
- ARTA 115 - Three Dimensional Design **Credits: 3**
- ARTA 150 - Life Drawing I **Credits: 3**
- ARTA 175 - Ceramics I **Credits: 3**
- ARTA 180 - Painting I **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- SOCA 101 - Intro. to Sociology **Credits: 3**
- EDUC 286 - Principles & Practices of Teaching as a Profession **Credits: 3**
- PSYC 280 - Educational Psychology **Credits: 3**
- ARTA 260 - Portfolio Development **Credits: 3**
  - ARTA 002 - Studio Art Elective **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Studio Art Elective Courses (Recommended)

Recommended courses listed below but student can also choose from any ARTA, PHOT or ARTA/PHOT designations

- ARTA 135 - Alternative Processes in Photography **Credits: 3**

Technology General Education Courses

Choose from the list of approved General Education courses in the College catalog.

Developmental Courses

Sussex has embraced a practice of directed self-choice whereby students are encouraged, through guided conversations with an advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement.* Students should check with their advisor.

Fashion Design Option, A.F.A. - Studio Arts

The purpose of The Associate of Fine Arts Degree/Fashion Design Option at Sussex County Community College seeks to assist students in becoming professionals in the field of art and design. This program nurtures artistic freedom and creativity while developing a strong sense of artistic discipline. Students are encouraged to be inventive within the framework of a traditional approach to both two and three-dimensional art forms. Our curriculum is designed to lead a student through a series of visual challenges enabling the student to master the medium and be cognizant of traditional methods of creativity. To become tomorrow's visionary means understanding the significance of one's own time and place defined by the limitless possibilities of personal expression within the boundaries of a universal aesthetic language. Commitment to a balanced learning process prepares students for a four-year institution or a career in the creative arts. The primary objective is to provide an environment in which students can achieve a degree of professionalism as technically competent and creatively fluent.

Upon completion of this program, graduates will be able to:

- Utilize the elements and principles of design and composition.
- Analyze the aesthetic implications of fashion design.
- Examine connections between theory and practice in the field of design.
- Construct garments from personal designs based on current design trends, art historical concepts, social, political, or cultural influences.
- Create a portfolio of artwork.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- ARTA 103 - Art History I **Credits: 3**
- ARTA 101 - Basic Design **Credits: 3**
    - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 201 - Effective Speaking **Credits: 3**
- ARTA 104 - Art History II **Credits: 3**
- ARTA 108 - Basic Drawing **Credits: 3**
- ARTA 110 - Intro to Color **Credits: 3**
- GRAD 107 - Drawing for Designers **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- DESN 202 - Fashion Construction I **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**
- ARTA 150 - Life Drawing I **Credits: 3**
- GRAD 105 - Vector Graphics & Page Design **Credits: 3**
  - ARTA 002 - Studio Art Elective **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- DESN 203 - Fashion Construction II **Credits: 3**
- ARTA 107 - History of Contemporary Art **Credits: 3**
- GRAD 230 - Directed Themes in Illustration **Credits: 3**
- ARTA 260 - Portfolio Development **Credits: 3**
  - ARTA 002 - Studio Art Elective **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Technology General Education Courses

Choose from the list of approved General Education courses in the College catalog.

Studio Art Elective Courses (Recommended)

Recommended courses listed below but student can also choose from any ARTA, PHOT, GRAD or ARTA/PHOT designations.

- ARTA 106 - Art Appreciation **Credits: 3**
- PHOT 109 - Intro. to Digital Photography **Credits: 3**

Developmental Courses

Sussex has embraced a practice of directed self-choice whereby students are encouraged, through guided conversations with an advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Interior Design Option, A.F.A. - Studio Arts

The Associate in Fine Arts Degree Interior Design Option develops an understanding and ability to create within the discipline of Interior Design through the study of art, history, theory, technology, and studio work. The degree is intended to provide students with the necessary portfolio to transfer seamlessly to a Bachelor of Fine Arts program majoring in Interior Design.

The objectives of this program are to:

- Exhibit competency using the elements and principles of design and composition.
- Demonstrate an ability to make connections between theory and practice.
- Demonstrate critical thinking and qualitative decision-making based on current design trends, art historical concepts, social, political, or personal issues.
- Develop a professional portfolio of artwork.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- ARTA 101 - Basic Design **Credits: 3**
- ARTA 108 - Basic Drawing **Credits: 3**
  - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- ARTA 103 - Art History I **Credits: 3**
- ARTA 110 - Intro to Color **Credits: 3**
- BCST 112 - Print Reading and Sketching **Credits: 3**
- GRAD 101 - Design I **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- SOCA 101 - Intro. to Sociology **Credits: 3**
- ARTA 115 - Three Dimensional Design **Credits: 3**
- ARTA 150 - Life Drawing I **Credits: 3**
- COMS 225 - Computer Aided Design **Credits: 3**
- ARTA 104 - Art History II **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ARTA 107 - History of Contemporary Art **Credits: 3**
- COMS 226 - Computer Aided Design II **Credits: 3**
- GRAD 105 - Vector Graphics & Page Design **Credits: 3**
- DESN 120 - History of Design **Credits: 3**
- ARTA 260 - Portfolio Development **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Technology General Education Courses

Choose from the list of approved General Education courses in the College catalog.

Developmental Courses

Sussex has embraced a practice of directed self-choice whereby students are encouraged, through guided conversations with an advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Photography Option, A.F.A. - Studio Arts

The Photography Option within the AFA degree prepares students to transfer into a four-year Fine Arts/ Photography Degree Program and/or develop as professionals within the field of Fine Arts Photography. The option combines fine art foundational skills and aesthetics with a contemporary approach to the photographic medium. Students in this program enjoy a unique photography experience that combines traditional chemistry, darkroom, and printing techniques with cutting-edge digital technology. Classes are conducted in SCCC's new photography facilities, in the Graphic Arts computer lab, and in the Fine Art Studios.

Upon completion of this program, graduates will be able to:

- Examine connections between theory and practice.
- Apply abstract relationships and elements to photographic expression.
- Apply black and white film photographic and/or digital technology to fine art photography.
- Develop qualitative decision-making based on current photographic trends and art historical concepts.
- Develop critical thinking using artistic principles drawn from contemporary social, political, or personal issues.
- Create a portfolio.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- ARTA 103 - Art History I **Credits: 3**
- ARTA 101 - Basic Design **Credits: 3**
- PHOT 109 - Intro. to Digital Photography **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- ARTA 104 - Art History II **Credits: 3**
- ARTA 108 - Basic Drawing **Credits: 3**
- ARTA 110 - Intro to Color **Credits: 3**
    - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- PHOT 120 - History of Photography **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**
- ARTA 115 - Three Dimensional Design **Credits: 3**

- PHOT 110 - Film Photography I **Credits: 3**
  - ARTA 002 - Studio Art Elective **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ARTA 185 - Digital Fine Art I **Credits: 3**
- PHOT 112 - Film Photography II **Credits: 3**
  - ARTA 002 - Studio Art Elective **Credits: 3**
  - ARTA 002 - Studio Art Elective **Credits: 3**
- PHOT 260 - Portfolio Development/Capstone for Photography **Credits: 3**

Total Semester Hours: 15

Summer Semester

Total Program Hours: 60

Studio Art Elective Courses (Recommended)

Recommended courses listed below but student can also choose from any ARTA, PHOT or ARTA/PHOT designations.

- PHOT 203 - Documentary/Photojournalism **Credits: 3**
- PHOT 205 - Studio Photography **Credits: 3**
- ARTA 135 - Alternative Processes in Photography **Credits: 3**

  OR

- PHOT 135 - Alternative Processes in Photography **Credits: 3**

Technology General Education Courses

Choose from the list of approved General Education courses in the College catalog.

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Studio Arts, A.F.A.

This program seeks to assist students in becoming professionals in the field of art and nurtures a sense of artistic freedom and creativity while developing a strong sense of artistic discipline. Students will be encouraged to be inventive but proficient within the framework of a traditional approach to drawing. To become tomorrow's visionary means understanding the significance and uniqueness of one's own time and space defined by the limitless possibilities of personal expression within the boundaries of a universal language. Commitment to a balanced learning process combining fine art fundamentals (drawing/painting/ seeing) with life experience and aesthetic theory will prepare students for a four-year institution or a career in fine art. The primary objective is to provide an environment in which students can achieve a degree of professionalism as technically competent and creative individuals. A sequential course of study will be required.

Students in the Associate of Fine Arts Degree Program at Sussex County Community College are given the opportunity to present their work at the student art exhibit and in the Idiom & Image as well as other College publications.

The objectives of this program are to:

- Display an understanding of abstract relationships and elements, and their expressive potential.
- Exhibit an understanding of form and composition in drawing from the human figure.
- Demonstrate an ability to make connections between theory and practice.
- Demonstrate qualitative decision-making based on current art trends and art historical concepts.
- Demonstrate critical thinking using artistic principles drawn from contemporary social, political, or personal issues.
- Develop a portfolio of artwork.
- Students are expected to provide their own materials and textbooks. Lab fees provide studio time and assistance for art students. See list of "Open Studio Hours" posted in each art studio during the first week of the semester.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- ARTA 103 - Art History I **Credits: 3**
- ARTA 101 - Basic Design **Credits: 3**
    - GTEC 000 - Technology Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ARTA 104 - Art History II **Credits: 3**
- ARTA 108 - Basic Drawing **Credits: 3**

- ENGL 102 - English Composition II **Credits: 3**
- ARTA 110 - Intro to Color **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ARTA 115 - Three Dimensional Design **Credits: 3**
- ARTA 150 - Life Drawing I **Credits: 3**
- ARTA 180 - Painting I **Credits: 3**
  - ARTA 002 - Studio Arts Elective **Credits: 3**
  - ARTA 002 - Studio Arts Elective **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ARTA 107 - History of Contemporary Art **Credits: 3**
- ARTA 201 - Painting II **Credits: 3**
  - ARTA 002 - Studio Arts Elective **Credits: 3**
  - ARTA 002 - Studio Arts Elective **Credits: 3**
- ARTA 260 - Portfolio Development **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Technology General Education Courses

Choose from the list of approved General Education courses in the College catalog.

Studio Arts Electives (Recommended)

Recommended courses listed below but student can also choose from any ARTA course designations.

- ARTA 175 - Ceramics I **Credits: 3**
- ARTA 185 - Digital Fine Art I **Credits: 3**
- ARTA 156 - Life Drawing II **Credits: 3**
- ARTA 200 - Watercolor **Credits: 3**

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Associate in Science

The Associate in Science degree is designed for transfer to a four-year institution.

The programs leading to the Associate in Science degree parallel those offered in the freshman and sophomore years at four year institutions. Students who satisfactorily complete their chosen programs will be able to continue their college education into their junior and senior years at four year colleges or universities.

Accounting, A.S.

This program is designed primarily for students who wish to pursue a baccalaureate degree in accounting or finance at a four-year institution. Graduates of this program have also successfully entered the workplace in a variety of entry-level accounting-related positions. The program offers not only an extensive background in accounting but also a strong fundamental knowledge of the major functions of business and industry.

Upon completion of this program, graduates will be able to:

- Demonstrate knowledge of generally accepted accounting principles (GAAP).
- Describe and implement all the steps in the accounting cycle.
- Construct and interpret basic financial statements (balance sheets, income statements, the statement of cash flow, etc.).
- Identify and develop effective internal control systems.
- Identify unethical accounting practices and describe the basic aspects of the Sarbane-Oxley Act as related to ethical accounting practices.
- Utilize computer spreadsheet programs to record various types of accounting information and perform basic day-to-day accounting operations.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- ACCT 101 - Accounting Princ. I Financial **Credits: 3**
- BUSA 101 - Intro. to Business **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
- ACCT 102 - Accounting Princ. II Managerial **Credits: 3**
- ECON 101 - Macroeconomics **Credits: 3**
- BUSA 205 - Business Law I **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

  - LSCI 000 - Science Gen Ed Requirement **Credits: 3**
  - MATH 900 - Math Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- ACCT 107 - Computerized Accounting **Credits: 3** (FA)
  - ACCT 000 - Program Elective **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- MATH 900 - Math Gen Ed Requirement **Credits: 3**
- ACCT 000 - Program Elective **Credits: 3**
- GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- ACCT 000 - Program Elective **Credits: 3**
- GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Science General Education Courses (Recommended)

Recommended courses are listed below but students can also choose from the list of approved General Education courses in the College catalog.

- BIOS 101 - General Biology **Credits: 4**
- BIOS 122 - Intro. to Environmental Science **Credits: 4**
- PHYS 107 - Introductory Meteorology **Credits: 4**

Humanities and Social Science General Education Courses

Choose from the list of approved courses in the College catalog.

MATH General Education Courses

Take two in sequence

- MATH 110 - Pre-Calculus I **Credits: 3**
- MATH 111 - Business Calculus **Credits: 3**
- MATH 112 - Pre-Calculus II **Credits: 3**
- MATH 113 - Calculus I **Credits: 4**
- MATH 114 - Calculus II **Credits: 4**

Accounting Program Electives

- ACCT 205 - Payroll Accounting **Credits: 3** (FA)
- BUSA 220 - Principles of Marketing **Credits: 3**

- ECON 102 - Microeconomics **Credits: 3**
- BUSA 190 - Business Applications using Electronic Spreadsheets **Credits: 3** (SP)

Developmental Courses

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The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Biology Option, A.S. - Science/Mathematics

This program is designed for students who wish to pursue a bachelor's degree at a four-year institution, majoring in Biology or a related science.

According to the National Research Council, students should be able to demonstrate that:

- Science is an evidence-based way of thinking about the natural world and understanding how it operates.
- Science is a process with rules of operation that allow our understanding of the natural world to evolve.
- Science is based on reproducible evidence and observations that contain uncertainties.
- The sciences are related to each other, mathematics, and everyday life.
- Science is driven by globalization, technology, and new instrumentation and measurement tools.
- Scientific meanings of theory and law are different than popular meanings.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 110 - Pre-Calculus I **Credits: 3** *
- BIOS 110 - Biology I **Credits: 4**
- CHEM 110 - College Chemistry I **Credits: 4**

Total Semester Hours: 17

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
- BIOS 112 - Biology II **Credits: 4**
- CHEM 112 - College Chemistry II **Credits: 4**

Total Semester Hours: 14

Summer Session

Second Year

Fall Semester

- BIOS 124 - Ecology **Credits: 4**
- BIOS 130 - Introduction to Botany **Credits: 4**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 14

Winter Session

Spring Semester

- BIOS 210 - Microbiology **Credits: 4**
  - BIOS 000 - Option Elective **Credits: 4**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- COLL 210 - Capstone for Biological and Clinical Sciences **Credits: 1**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

*Students testing higher than MATH 110 on the CLM test may take MATH 111, MATH 112, MATH 113, MATH 114 or MATH 213 to satisfy this math requirement.

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- HUMN 101 - Survey of World Culture I **Credits: 3**
- HUMN 102 - Survey of World Culture II **Credits: 3**
- PHIL 205 - Contemporary Ethical Issues **Credits: 3**
- AMSL 101 - American Sign Language I **Credits: 3**
- SPAN 101 - Elementary Spanish I **Credits: 3**
- HIST 102 - Hist of Western Civilization II **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- ANTH 101 - Introduction to Anthropology **Credits: 3**
- POLS 101 - Intro. to Political Science **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Option Electives (Recommended)

Recommended courses listed below but student can also choose from the list of approved Biology Elective courses in the College catalog.

- BIOS 102 - Intro. to Human Biology **Credits: 4**
- BIOS 122 - Intro. to Environmental Science **Credits: 4**
- CHEM 107 - Forensic Science **Credits: 4**
- HORT 102 - Plant Propagation **Credits: 4**
- PHYS 110 - Physics I **Credits: 4**

Developmental Courses

Sussex has embraced a practice of directed self-choice whereby students are encouraged, through guided conversations with an advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement.* Students should check with their advisor.

Business Administration, A.S.

This program is structured to provide fundamental knowledge of business topics. Emphasis is placed on business theory and techniques used to solve contemporary business problems. This program is designed for students who intend to transfer to a four-year baccalaureate program.

Upon completion of this program, graduates will be able to:

- Explain the evolution of the private enterprise system in the American economy.
- Describe the impact of government, labor, free trade and globalization on U.S. business enterprises.
- Analyze contemporary business problems and propose effective solutions using case studies and business analysis applications.
- Examine ethical and legal implications of managerial decisions.
- Interpret basic financial statements and managerial reports.
- Identify the impact of leadership in defining organizational culture.
- Design and deliver effective presentations commonly used in business environments.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- ACCT 101 - Accounting Princ. I Financial **Credits: 3**
- BUSA 101 - Intro. to Business **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
- ACCT 102 - Accounting Princ. II Managerial **Credits: 3**
- ECON 101 - Macroeconomics **Credits: 3**
- BUSA 205 - Business Law I **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- ○ LSCI 000 - Science Gen Ed Requirement **Credits: 3**
- MATH 110 - Pre-Calculus I **Credits: 3**
- COMS 120 - Computer Software Applications **Credits: 3**
- ○ GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- BUSA 211 - Mgmt. & Organizational Behavior **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ○ GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
- ENGL 201 - Effective Speaking **Credits: 3**
- ○ GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- BUSA 220 - Principles of Marketing **Credits: 3**
- ECON 102 - Microeconomics **Credits: 3**

Total Semester Hours: 15

Summer Semester

Total Program Hours: 60

Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- BIOS 101 - General Biology **Credits: 4**
- BIOS 122 - Intro. to Environmental Science **Credits: 4**
- PHYS 107 - Introductory Meteorology **Credits: 4**

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- HIST 105 - U.S. History I **Credits: 3**
- HIST 106 - U.S. History II **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Developmental Courses

Sussex has embraced a practice of directed self-choice whereby students are encouraged, through guided conversations with an advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Chemistry Option, A.S. - Science/Mathematics

Students who wish to pursue a bachelor's degree at a four-year institution, majoring in chemistry or chemical engineering, should pursue the A.S. Science/Mathematics Chemistry Option. As part of this option, students can expect to make laboratory measurements, as well as do inorganic synthesis, organic synthesis, titration, pH, refractive index, gas chromatography, ultraviolet/visible spectroscopy, and infrared spectroscopy. Depending on your specific course of study, you may also learn polarimetry and gel electrophoresis.

Upon completion of this program, graduates will be able to:

- Conduct experiments using good safety practices, ethical methods, and modern lab equipment to collect observations and measurements of the natural world.
- Apply scientific theories and laws in chemistry that are consistent with observations of the natural world.
- Interpret and communicate scientific information in various forms including writing, graphs, tables, diagrams, and equations.
- Design all or part of an experiment.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 113 - Calculus I **Credits: 4**
- CHEM 110 - College Chemistry I **Credits: 4**

Total Semester Hours: 14

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- MATH 114 - Calculus II **Credits: 4**
- CHEM 112 - College Chemistry II **Credits: 4**
- COMS 114 - Intro. to Computer Science I **Credits: 3**

Total Semester Hours: 14

Summer Session

Second Year

Fall Semester

- CHEM 210 - Organic Chemistry **Credits: 5** (FA)
- MATH 213 - Calculus III **Credits: 4**
- PHYS 120 - Physics I with Calculus **Credits: 4**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- CHEM 212 - Organic Chemistry II **Credits: 5** (SP)
- PHYS 121 - Physics II with Calculus **Credits: 4**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- COLL 211 - Capstone for Mathematics and Chemistry **Credits: 1**

Total Semester Hours: 16

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- AMSL 101 - American Sign Language I **Credits: 3**
- HUMN 101 - Survey of World Culture I **Credits: 3**
- PHIL 205 - Contemporary Ethical Issues **Credits: 3**
- SPAN 101 - Elementary Spanish I **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- ANTH 101 - Introduction to Anthropology **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Developmental Courses

Sussex has embraced a practice of directed self-choice whereby students are encouraged, through guided conversations with an advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement.* Students should check with their advisor.

Computer Science Option, A.S. - Science/Mathematics

The Computer Science program is designed for students who wish to pursue a Bachelor's degree at a four-year institution, majoring in Computer Science or related field.

Upon completion of this program, graduates will be able to:

- Demonstrate the ability to solve problems, conduct research, and think critically.
- Exhibit an understanding of computer architecture.
- Utilize the proper data structures and algorithms with sound programming techniques.
- Demonstrate an understanding of the mathematical concepts utilized in algorithms.
- Develop effective communication skills within an organization.
- Demonstrate the ability to work both individually and as a team member.
- Exhibit professionalism and ethical behavior.
- Adapt to advancements in the area of information technology.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- COMS 114 - Intro. to Computer Science I **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
    - GHUM 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- MATH 113 - Calculus I **Credits: 4**
- COMS 115 - Intro. to Computer Science II **Credits: 3**
- COMS 239 - Fund. of Computer Architecture **Credits: 3** (SP)
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 16

Summer Session

Second Year

Fall Semester

- MATH 114 - Calculus II **Credits: 4**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
- COMS 221 - Operating Systems **Credits: 3** (FA)
- COMS 218 - Database Management Systems **Credits: 3** (FA)

Total Semester Hours: 14

Winter Session

Spring Semester

- MATH 201 - Discrete Mathematics **Credits: 4**

  OR

- MATH 213 - Calculus III **Credits: 4**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
- COLL 208 - Capstone for Computer Science & Information Systems **Credits: 1**
- COMS 210 - Systems Analysis & Design **Credits: 3** (SP)
- COMS 223 - Data Structures **Credits: 3** (SP)

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- HIST 101 - Hist of Western Civilization I **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- ECON 101 - Macroeconomics **Credits: 3**
- ECON 102 - Microeconomics **Credits: 3**

Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- PHYS 110 - Physics I **Credits: 4**
- PHYS 112 - Physics II **Credits: 4**
- PHYS 120 - Physics I with Calculus **Credits: 4**
- PHYS 121 - Physics II with Calculus **Credits: 4**

Developmental Courses

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The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Criminal Justice, A.S.

This program is designed primarily for students who plan to attend four-year baccalaureate programs, but approximately one-half of the graduates of this program have successfully found full-time employment in criminal justice-related field upon completion of the two-year degree. Graduates of two and four-year degree programs are employed in a variety of professional positions by federal, state, county, and municipal agencies as well as private security and loss prevention.

Upon completion of this program, graduates will be able to:

- Students will learn the major concepts, case law, theoretical perspectives, empirical findings and basic structures involved with law enforcement, the criminal court system, and corrections, including the causes of crime and delinquency.
- Students will understand and be able to use basic research methods in criminal justice and criminology including design, data analysis, and interpretation.
- Students will obtain realistic ideas and field experiences related to their pursuit of careers and advanced study in the field of criminal justice.
- Students will demonstrate research and information competency with traditional computer-based library systems, governmental resources, and media outlets to facilitate the study of criminal justice and criminology.
- Students will use and demonstrate critical thinking, skeptical inquiry, and the scientific approach to problem-solving.
- Students will learn to recognize, understand, and respect the complexity of sociocultural and international diversity to better prepare them for diverse people and ideas within criminal justice.
- Students will demonstrate effective oral and written communication skills within a liberal arts foundation to better prepare them for any career in criminal justice.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 104 - Contemporary Mathematics **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- CRJS 100 - Intro. to the Crim. Justice Sys. **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
    - LSCI 000 - Science Gen Ed Requirement **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
- CRJS 101 - Law Enforcement **Credits: 3**
- CRJS 110 - Criminal Law **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- HIST 105 - U.S. History I **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**
- CRJS 105 - Criminology **Credits: 3**
    - CRJS 000 - Program Electives **Credits: 6**

Total Semester Hours: 15

Winter Session

Spring Semester

- HIST 106 - U.S. History II **Credits: 3**
    - GLCA 001 - Global & Cultural Awareness Gen Ed Requirement **Credits: 3**
- CRJS 180 - Corrections **Credits: 3**
    - CRJS 000 - Program Electives **Credits: 6**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Science General Education Courses

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- BIOS 122 - Intro. to Environmental Science **Credits: 4**
- CHEM 107 - Forensic Science **Credits: 4**

Electives

Choose any CRJS course designation except CRJS 120, CRJS 121, CRJS 122 & CRJS 123.

Global & Cultural Awareness General Education Courses

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- PSYC 237 - Multicultural Psychology **Credits: 3**
- SOCA 215 - Perspectives On Race, Gender, Class and Culture **Credits: 3**

Developmental Courses

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Engineering Science Option, A.S. - Science/Mathematics

This program encompasses a variety of closely related areas of the sciences, mathematics, and engineering. It is intended to provide a means whereby students, while acquiring knowledge of engineering methods, can pursue their interests in areas of natural science. The options offered within the curriculum prepare students for advanced study in engineering.

Upon completion of this program, graduates will be able to:

- Design and conduct experiments, as well as to analyze and interpret data
- Identify, formulate, and solve engineering problems
- Demonstrate an understanding of professional and ethical responsibility
- Understand the impact of engineering solutions in a global, economic, environmental, and societal context
- Use the techniques, skills, and modern engineering tools necessary for engineering practice

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 113 - Calculus I **Credits: 4**
- CHEM 110 - College Chemistry I **Credits: 4**
- COMS 114 - Intro. to Computer Science I **Credits: 3**

Total Semester Hours: 17

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- MATH 114 - Calculus II **Credits: 4**
- CHEM 112 - College Chemistry II **Credits: 4**
- ECON 101 - Macroeconomics **Credits: 3**

Total Semester Hours: 14

Summer Session

Second Year

Fall Semester

- MATH 213 - Calculus III **Credits: 4**
- PHYS 120 - Physics I with Calculus **Credits: 4**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
    - ENGS 000 - Option Elective **Credits: 3**

Total Semester Hours: 14

Winter Session

Spring Semester

- PHYS 121 - Physics II with Calculus **Credits: 4**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
    - ENGS 000 - Option Elective **Credits: 4**
    - ENGS 000 - Option Elective **Credits: 4**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

- HUMN 101 - Survey of World Culture I **Credits: 3**
- HUMN 102 - Survey of World Culture II **Credits: 3**
- PHIL 205 - Contemporary Ethical Issues **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- ANTH 101 - Introduction to Anthropology **Credits: 3**
- ECON 102 - Microeconomics **Credits: 3**
- GEOG 105 - Cultural Geography **Credits: 3**
- POLS 101 - Intro. to Political Science **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Option Electives

- COMS 115 - Intro. to Computer Science II **Credits: 3**
- COMS 143 - Advanced Programming in C++ **Credits: 3**
- COMS 225 - Computer Aided Design **Credits: 3**
- COMS 226 - Computer Aided Design II **Credits: 3**
- COMS 239 - Fund. of Computer Architecture **Credits: 3**
- ELET 105 - Electronic Circuits I **Credits: 4**
- ENGR 125 - Numerical Methods for Engineers **Credits: 3**
- ENGR 220 - Engineering Statics **Credits: 3**
- ENGR 222 - Engineering Dynamics **Credits: 3**
- MATH 215 - Linear Algebra **Credits: 4**
- MATH 220 - Ordinary Differ. Equa. w/ Applic **Credits: 4**
- PHYS 205 - Modern Physics **Credits: 4**
- PHYS 210 - Mechanics **Credits: 4**

Developmental Courses

Sussex has embraced a practice of directed self-choice whereby students are encouraged, through guided conversations with an advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement.* Students should check with their advisor.

Environmental Studies, A.S.

Environmental Studies prepares students for transfer into a Bachelor of Science degree program in either Environmental Studies or Environmental Science.

Upon completion of this program, graduates will be able to:

- Deal with complex environmental problems that affect society.
- Understand the current environmental protection regulations.
- Understand how to perform environmental observations and tests, analyze air, land, water resources and waste management.
- Apply the principles of limits, recycling and reuse, sustainable yield, and resource diversity to real-life situations.

- Apply the laws of conservation of matter and energy to environmental issues.
- Understand how different cultures cope with the environmental consequences of human action.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 110 - Pre-Calculus I **Credits: 3** *
- BIOS 110 - Biology I **Credits: 4**
- BIOS 122 - Intro. to Environmental Science **Credits: 4**

Total Semester Hours: 17

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
- BIOS 112 - Biology II **Credits: 4**
  - ENVS 000 - Option Elective **Credits: 4**

Total Semester Hours: 14

Summer Session

Second Year

Fall Semester

- GEOL 101 - Physical Geology **Credits: 4** (FA)
- CHEM 110 - College Chemistry I **Credits: 4**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 14

Winter Session

Spring Semester

- BIOS 124 - Ecology **Credits: 4**
- CHEM 112 - College Chemistry II **Credits: 4** **
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- COLL 209 - Capstone for Environmental Studies **Credits: 1**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

*Students testing higher than MATH 110 on the CLM test may take MATH 111, MATH 112, MATH 113, MATH 114 or MATH 213 to satisfy this math requirement.

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- HUMN 101 - Survey of World Culture I **Credits: 3**
- HUMN 102 - Survey of World Culture II **Credits: 3**
- PHIL 205 - Contemporary Ethical Issues **Credits: 3**
- AMSL 101 - American Sign Language I **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- ANTH 101 - Introduction to Anthropology **Credits: 3**
- ECON 101 - Macroeconomics **Credits: 3**
- ECON 102 - Microeconomics **Credits: 3**
- GEOG 105 - Cultural Geography **Credits: 3**
- POLS 101 - Intro. to Political Science **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Option Electives (Recommended)

Recommended courses listed below but student can also choose from the list of approved Environmental Science Elective courses in the College catalog.

- BIOS 130 - Introduction to Botany **Credits: 4**
- BIOS 210 - Microbiology **Credits: 4**
- GEOL 110 - Historical Geology **Credits: 4**
- PHYS 107 - Introductory Meteorology **Credits: 4**
- PHYS 110 - Physics I **Credits: 4**
- PHYS 112 - Physics II **Credits: 4**

Developmental Courses

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The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Exercise Science, A.S.

The Associate of Science Degree in Exercise Science is designed to prepare students for transfer to a four-year college or university degree program in exercise science. This program's hands-on focused curriculum is based on the exercise science competencies of the American College of Sports Medicine and will teach students the skills and knowledge needed to perform fitness assessments, design individualized exercise programs, evaluate human movement, and make nutritional recommendations. In addition, a degree in exercise science will serve as a solid foundation for students seeking admission into athletic training, physical therapy, occupational therapy, or sports medicine degree programs.

Upon completion of this program, graduates will be able to:

- Examine anatomy and exercise physiology concepts as applied to human movement in different types of physical activity and sport.
- Conduct health and fitness assessments using valid and reliable test protocols.
- Design individualized exercise prescriptions with appropriate exercise progression.
- Create scientific reports using technical writing skills, graphs, charts, tables, diagrams, and peer-reviewed scientific literature.
- Demonstrate techniques reflective of professional best practices in the field of exercise science.
- Create nutrition recommendations for healthy, special, and athletic populations.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**

- MATH 110 - Pre-Calculus I **Credits: 3** *
- EXSC 101 - Intro. to Exercise Science **Credits: 3**
    - EXSC 000 - Option Elective **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- BIOS 103 - Anatomy & Physiology I **Credits: 4**
- BIOS 107 - Nutrition Fundamentals **Credits: 3**
- CHEM 100 - Introductory Chemistry **Credits: 4** **

Total Semester Hours: 14

Summer Session

Second Year

Fall Semester

- BIOS 104 - Anatomy & Physiology II **Credits: 4**
- BIOS 150 - Nutrition, Fitness & Wellness **Credits: 3** (FA)
- EXSC 105 - First Aid and Emergency Care **Credits: 3**
- EXSC 201 - Kinesiology **Credits: 3** (FA)
- COMS 110 - Computer Concepts & Applications **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- EXSC 210 - Exercise Physiology **Credits: 3** (SP)
- EXSC 215 - Fitness Assessment & Exercise Prescription **Credits: 3** (SP)
- PSYC 101 - Introduction to Psychology **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

- GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

*Students testing higher than MATH 110 on the CLM test may take MATH 112 MATH 113, MATH 114 or MATH 213 to satisfy this requirement.

**Students may take CHEM 110 to satisfy this requirement.

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- AMSL 101 - American Sign Language I **Credits: 3**
- HUMN 101 - Survey of World Culture I **Credits: 3**
    - HUMN 101 - Survey of World Culture I **Credits: 3**
- PHIL 205 - Contemporary Ethical Issues **Credits: 3**
- SPAN 101 - Elementary Spanish I **Credits: 3**

Social Sciences General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- ANTH 101 - Introduction to Anthropology **Credits: 3**
- ANTH 115 - Biological Anthropology **Credits: 4**
- ECON 102 - Microeconomics **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Option Electives (Recommended)

Recommended courses listed below but student can also choose from the list of approved Exercise Science Elective courses in the College catalog.

- BIOS 102 - Intro. to Human Biology **Credits: 4**
- BIOS 110 - Biology I **Credits: 4**

Developmental Courses

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Geology Option, A.S. - Science/Mathematics

This program is designed for students who wish to pursue a bachelor's degree at a four-year institution, majoring in Geology or a related science.

Upon completion of this program, graduates will be able to:

- Science is an evidence-based way of thinking about the natural world and understanding how it operates.
- Science is a process with rules of operation that allow our understanding of the natural world to evolve.
- Science is based on reproducible evidence and observations that contain uncertainties.
- The sciences are related to each other, mathematics, and everyday life.
- Science is driven by globalization, technology, and new instrumentation and measurement tools.
- Scientific meanings of theory and law are different than popular meanings.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 113 - Calculus I **Credits: 4**
- GEOL 101 - Physical Geology **Credits: 4** (FA)

Total Semester Hours: 14

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- MATH 114 - Calculus II **Credits: 4**
- BIOS 122 - Intro. to Environmental Science **Credits: 4**
- GEOL 110 - Historical Geology **Credits: 4** (SP)

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- CHEM 110 - College Chemistry I **Credits: 4**
- PHYS 120 - Physics I with Calculus **Credits: 4**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- GEOG 105 - Cultural Geography **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 17

Winter Session

Spring Semester

- CHEM 112 - College Chemistry II **Credits: 4**
- PHYS 121 - Physics II with Calculus **Credits: 4**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
  - GEOL 000 - Option Elective **Credits: 3**

Total Semester Hours: 14

Summer Semester

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- HUMN 101 - Survey of World Culture I **Credits: 3**
- HUMN 102 - Survey of World Culture II **Credits: 3**

- PHIL 205 - Contemporary Ethical Issues **Credits: 3**
- AMSL 101 - American Sign Language I **Credits: 3**
- SPAN 101 - Elementary Spanish I **Credits: 3**
- HIST 102 - Hist of Western Civilization II **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- ANTH 101 - Introduction to Anthropology **Credits: 3**
- POLS 101 - Intro. to Political Science **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Option Electives (Recommended)

Recommended courses listed below but student can also choose from the list of approved Geology Electives in the College catalog.

- BIOS 110 - Biology I **Credits: 4**
- PHYS 105 - Introductory Astronomy **Credits: 4**
- PHYS 107 - Introductory Meteorology **Credits: 4**
- PHYS 108 - The Physics & Technology of Clean Energy **Credits: 4**

Developmental Courses

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Horticultural Science, A.S.

The Associate in Science degree in Horticultural Science is designed for individuals who have a strong interest in occupations that relate to horticulture, nursery production, landscape design, landscape maintenance, the production of organic fruits and vegetables, and similar agricultural endeavors. Students interested in transferring to a four-year college or university need some foundational knowledge of plant biology, chemistry, horticulture fundamentals, soil science, and greenhouse management.

The objectives of this program are to:

- Demonstrate a working knowledge of business management principles as they apply to the field of horticulture, horticulture management, and related endeavors.
- Categorize plants based on growth, morphological characteristics, taxonomic classifications, and habitat requirements.

- Demonstrate proficiency in written communication, oral communication, computer applications and problem-solving.
- Develop solutions for a wide variety of plant health issues.
- Apply classroom theory and hands-on practice in real-world horticultural environments.
- Describe and implement both conventional and organic methods of horticultural maintenance, such as fertilization and pest control.
- Demonstrate proficiency in the selection and use of native plants in ecological restoration projects.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 110 - Pre-Calculus I **Credits: 3**
- CHEM 110 - College Chemistry I **Credits: 4**
- AGSC 101 - Intro. to Agricultural Science **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- BIOS 110 - Biology I **Credits: 4**
- BUSA 101 - Intro. to Business **Credits: 3**
- CHEM 112 - College Chemistry II **Credits: 4**

Total Semester Hours: 14

Summer Session

Second Year

Fall Semester

- AGSC 107 - Agriculture Pest Control & Mgmt. **Credits: 4** (FA)
- BIOS 130 - Introduction to Botany **Credits: 4** (FA)
- HORT 201 - Introduction to Soil Science **Credits: 4** (FA)
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- HORT 102 - Plant Propagation **Credits: 4** (SP)
- HORT 204 - Greenhouse Management **Credits: 4** (SP)
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- COLL 210 - Capstone for Biological and Clinical Sciences **Credits: 1**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- HIST 105 - U.S. History I **Credits: 3**
- HIST 106 - U.S. History II **Credits: 3**
- HUMN 101 - Survey of World Culture I **Credits: 3**
- HUMN 102 - Survey of World Culture II **Credits: 3**
- PHIL 205 - Contemporary Ethical Issues **Credits: 3**

Social Sciences General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- ANTH 101 - Introduction to Anthropology **Credits: 3**
- ECON 102 - Microeconomics **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Developmental Courses

Sussex has embraced a practice of directed self-choice whereby students are encouraged, through guided conversations with an advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Human Services, A.S.

The Human Services A.S. is designed to transfer into Bachelor of Social Work Programs. Program graduates transfer successfully as junior into Bachelor of Social Work Programs in most nearby colleges, through pre-set Transfer Agreements with those programs. Social Work is a field dedicated to empowering individuals, families and communities, with a particular emphasis on addressing issues of economic and social inequality. Social workers practice in a wide range of settings, including group homes, shelters, hospitals, mental health facilities, schools, nursing homes, and substance abuse rehabilitation programs. They help individuals, families, and groups cope with problems such as homelessness, inadequate housing, serious illness, disabilities, unemployment, lack of job skills, unwanted pregnancy, and family disruptions.

The objectives of this program are to:

- Analyze the historical context of current social problems.
- Identify the major casework methodologies used in direct service settings.
- Apply basic ethical principles in the practice of social work.
- Demonstrate familiarity with the Ecological Systems Theory approach to the dynamic interactions between micro, mezzo and macro systems in the life of the individual.
- Describe the relationships among socio-cultural factors, economic factors and social problems.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- MATH 104 - Contemporary Mathematics **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- HUMS 101 - Intro. to Social Work & Social Welfare **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- HUMS 120 - Interviewing & Counseling **Credits: 3**
- SOCA 215 - Perspectives On Race, Gender, Class and Culture **Credits: 3**
- SOCA 208 - Sociology of the Family **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
  - HUMS 000 - Free Elective **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

  - HUMS 203 - Human Behavior in the Social Environment **Credits: 3**
- HUMS 205 - Social Welfare Policy **Credits: 3**
- HUMS 220 - Field Exp. in Human Services I **Credits: 2**
- POLS 105 - American Government **Credits: 3**
  - FREE 000 - Free Elective **Credits: 3**

Total Semester Hours: 15

Summer Semester

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Choose HIST 101 & HIST 102 or HIST 105 & HIST 106

- HIST 101 - Hist of Western Civilization I **Credits: 3**
- HIST 102 - Hist of Western Civilization II **Credits: 3**
- HIST 105 - U.S. History I **Credits: 3**
- HIST 106 - U.S. History II **Credits: 3**

Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- BIOS 101 - General Biology **Credits: 4**
- BIOS 102 - Intro. to Human Biology **Credits: 4**

Electives

Choose any 2 courses with a PSYC designation, ANTH 120 or SOCA 203.

- ANTH 120 - Cultural Anthropology **Credits: 3**
- SOCA 203 - Social Research Methods **Credits: 3**
  - PSYC **Credits: 3**

Developmental Courses

Sussex has embraced a practice of directed self-choice whereby students are encouraged, through guided conversations with an advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Information Systems Option, A.S. - Science/Mathematics

Information Systems involves the application of computing principles by combining the fields of management and technology. The program is centered on the design, implementation, and testing of information systems as related to current practices. Graduates of the Information Systems Program should be able to transfer into four-year institutions that support a baccalaureate degree in this discipline.

The objectives of this program are to:

- Demonstrate the ability to solve problems, conduct research and think critically.
- Demonstrate an understanding of computer architecture.
- Ability to analyze IT problems within a business environment.
- Develop effective communication skills within an organization.
- Demonstrate the ability to work both individually and as a team member.
- Exhibit professionalism and ethical behavior.
- Adapt to advancements in the area of information technology.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- COMS 113 - Intro. to Information Systems **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
- COMS 155 - Web Site Development I **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- COMS 114 - Intro. to Computer Science I **Credits: 3**
  - LSCI 000 - Science Gen Ed Requirement **Credits: 4**
- COMS 230 - Networks and Telecommunications **Credits: 3** (SP)
- MATH 108 - Statistics **Credits: 3**

Total Semester Hours: 16

Summer Session

Second Year

Fall Semester

- MATH 113 - Calculus I **Credits: 4**
  - GHUM 000 - Humanities Gen Ed Requirement **Credits: 3**

- COMS 115 - Intro. to Computer Science II **Credits: 3**
- COMS 218 - Database Management Systems **Credits: 3** (FA)
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- COMS 239 - Fund. of Computer Architecture **Credits: 3** (SP)
    - INFO 000 - Option Elective **Credits: 3**
    - INFO 000 - Option Elective **Credits: 3**

Total Semester Hours: 12

Summer Session

Total Program Hours: 60

Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- PHYS 110 - Physics I **Credits: 4**
- PHYS 112 - Physics II **Credits: 4**
- BIOS 110 - Biology I **Credits: 4**
- BIOS 112 - Biology II **Credits: 4**
- CHEM 110 - College Chemistry I **Credits: 4**
- CHEM 112 - College Chemistry II **Credits: 4**

Humanities General Education Courses (Recommended)

Choose from the list of approved General Education courses in the College catalog.

Option Elective Courses (Recommended)

Recommended courses listed below but student can also choose from COMS designated course except COMS 110.

- COMS 120 - Computer Software Applications **Credits: 3**
- COMS 142 - Programming in C++ **Credits: 3**
- COMS 143 - Advanced Programming in C++ **Credits: 3**
- COMS 210 - Systems Analysis & Design **Credits: 3**
- COMS 221 - Operating Systems **Credits: 3**
- COMS 223 - Data Structures **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- ECON 101 - Macroeconomics **Credits: 3**
- ECON 102 - Microeconomics **Credits: 3**

Developmental Courses

Sussex has embraced a practice of directed self-choice whereby students are encouraged, through guided conversations with an advisor, to best determine their readiness for this course. Students should be aware that Developmental Studies exist and are available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Mathematics Option, A.S. - Science/Mathematics

Mathematics prepares students for transfer into the junior year of a baccalaureate program in mathematics, applied mathematics, mathematics education and related field.

The objectives of this program are to:

- Demonstrate an understanding of the language of mathematics.
- Create and employ mathematical models.
- Use technology effectively.
- Solve applied problems involving derivatives and integrals.
- Utilize and synthesize mathematical knowledge and skills in order to solve problems independently.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**

- ENGL 101 - English Composition I **Credits: 3**
- MATH 113 - Calculus I **Credits: 4**
- COMS 114 - Intro. to Computer Science I **Credits: 3**
- ECON 101 - Macroeconomics **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- MATH 114 - Calculus II **Credits: 4**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- ECON 102 - Microeconomics **Credits: 3**
  - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

Total Semester Hours: 16

Summer Session

Second Year

Fall Semester

- MATH 213 - Calculus III **Credits: 4**
- MATH 215 - **Linear Algebra (FA) **Credits: 4**

- PHYS 120 - Physics I with Calculus **Credits: 4**
  - GSOC 000 - Social Science Gen Ed Requirements **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- COLL 211 - Capstone for Mathematics and Chemistry **Credits: 1**
- MATH 220 - Ordinary Differ. Equa. w/ Applic **Credits: 4**

- PHYS 121 - Physics II with Calculus **Credits: 4**
- MATH 201 - Discrete Mathematics **Credits: 4**

Total Semester Hours: 13

Summer Semester

Total Program Hours: 60

Humanities General Education courses (Recommended)

Recommended courses are listed below but students can also choose from the list of approved General Education Requirements in the College Catalog.

- HUMN 101 Survey of World Culture I **Credits: 3**

Social Science General Education courses (Recommended)

Recommended courses are listed below but students can also choose from the list of approved General Education courses in the College Catalog.

- PSYC 101 Introduction to Psychology **Credits: 3**
- SOCA 101 Intro. to Sociology **Credits: 3**

Occupational Therapy Asstistant (Rutgers), A.S.

Pre Medical/Dental Option, A.S. - Science/Mathematics

This option under the Associate in Science prepares students for transfer to four-year colleges with a major in pre-medicine or pre-dentistry programs.

According to the National Research Council, students should be able to demonstrate that:

- Science is an evidence-based way of thinking about the natural world and understanding how it operates.
- Science is a process with rules of operation that allow our understanding of the natural world to evolve.
- Science is based on reproducible evidence and observations that contain uncertainties.
- The sciences are related to each other, mathematics, and everyday life.
- Science is driven by globalization, technology, and new instrumentation and measurement tools.
- Scientific meanings of theory and law are different than popular meanings.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- BIOS 110 - Biology I **Credits: 4**
- CHEM 110 - College Chemistry I **Credits: 4**

Total Semester Hours: 14

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- MATH 113 - Calculus I **Credits: 4**
- BIOS 112 - Biology II **Credits: 4**
- CHEM 112 - College Chemistry II **Credits: 4**

Total Semester Hours: 15

Summer Session

Second Year

Fall Semester

- CHEM 210 - Organic Chemistry **Credits: 5** (FA)
- PHYS 110 - Physics I **Credits: 4**
- MATH 114 - Calculus II **Credits: 4**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 16

Winter Session

Spring Semester

- CHEM 212 - Organic Chemistry II **Credits: 5** (SP)
- PHYS 112 - Physics II **Credits: 4**
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- AMSL 101 - American Sign Language I **Credits: 3**
- HUMN 101 - Survey of World Culture I **Credits: 3**
- PHIL 205 - Contemporary Ethical Issues **Credits: 3**
- SPAN 101 - Elementary Spanish I **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- ANTH 101 - Introduction to Anthropology **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Pre Nutrition/Dietetic Option, A.S. - Science/Mathematics

This option under the AS in Science prepares students for transfer to four-year colleges with a major in pre-nutrition or pre-dietetic programs.

According to the National Research Council, students should be able to demonstrate that:

- Science is an evidence-based way of thinking about the natural world and understanding how it operates.
- Science is a process with rules of operation that allow our understanding of the natural world to evolve.
- Science is based on reproducible evidence and observations that contain uncertainties.
- The sciences are related to each other, mathematics, and everyday life.
- Science is driven by globalization, technology, and new instrumentation and measurement tools.
- Scientific meanings of theory and law are different than popular meanings.

First Year

Fall Semester

- COLL 101 - Foundations for Success **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- MATH 110 - Pre-Calculus I **Credits: 3**
- CHEM 110 - College Chemistry I **Credits: 4**
- BIOS 110 - Biology I **Credits: 4**

Total Semester Hours: 17

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**
- MATH 108 - Statistics **Credits: 3**
- CHEM 112 - College Chemistry II **Credits: 4**
- BIOS 112 - Biology II **Credits: 4**
- BIOS 107 - Nutrition Fundamentals **Credits: 3**

Total Semester Hours: 17

Summer Session

Second Year

Fall Semester

- CHEM 210 - Organic Chemistry **Credits: 5** (FA)
- BIOS 150 - Nutrition, Fitness & Wellness **Credits: 3** (FA)
- COMS 110 - Computer Concepts & Applications **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**

Total Semester Hours: 14

Winter Session

Spring Semester

- CHEM 212 - Organic Chemistry II **Credits: 5** (SP)
    - GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**
    - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- COLL 210 - Capstone for Biological and Clinical Sciences **Credits: 1**

Total Semester Hours: 12

Summer Session

Total Program Hours: 60

Humanities General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- AMSL 101 - American Sign Language I **Credits: 3**
- HUMN 101 - Survey of World Culture I **Credits: 3**
- PHIL 205 - Contemporary Ethical Issues **Credits: 3**
- SPAN 101 - Elementary Spanish I **Credits: 3**

Social Science General Education Courses (Recommended)

Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.

- ANTH 101 - Introduction to Anthropology **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Psychosocial Rehabilitation (Rutgers), A.S.

Certificates

Certificates

These certificates are awarded to those students who successfully complete programs that are offered for college credit and which require a general education component. Professional certificates require no more than 35 credits and require College Placement Testing for admission. Professional certification requires a minimum 2.0 GPA.

Automotive Service Technology, Certificate

This program is designed to meet the demand for trained automotive technicians. The student participates in hands-on experiences in testing, troubleshooting and repairing automobiles.

This program is offered in the evening on a part-time basis only.

Upon completion of this program, graduates will be able to:

- Evaluate, diagnose, and repair various automotive systems.
- Identify specifications related to the inspection, repair, and adjustment of automotive systems.
- Use various test equipment to diagnose and repair defects.
- Identify the basic electrical circuits and diagnose automotive electrical systems.
- Apply basic electrical theory using wiring diagrams and schematics to diagnose and repair automotive electrical circuits.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- AOTE 101 - Automotive Fundamentals **Credits: 3**
- AOTE 110 - Automotive Electrical Systems **Credits: 3**

Total Semester Hours: 9

Winter Session

Spring Semester

- AOTE 120 - Automotive Brake Systems **Credits: 3**
- AOTE 208 - Advanced Automotive Electronics **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**

Total Semester Hours: 9

Summer Session

Second Year

Fall Semester

- AOTE 130 - Steering & Suspension Systems **Credits: 3**
- AOTE 203 - Engine Construction, Operation & Service **Credits: 3**
- AOTE 204 - Manual Trans. & Drivelines **Credits: 3**
- AOTE 206 - Auto. Transmissions & Transaxles **Credits: 3**

Total Semester Hours: 12

Winter Session

Spring Semester

- AOTE 118 - Auto. Heating & Air Conditioning **Credits: 3**
- AOTE 215 - Automotive Engine Performance **Credits: 3**

Total Semester Hours: 6

Summer Session

Total Program Hours: 36

Developmental Courses

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Child Development Specialist, Certificate

This program prepares students for employment in child care centers and preschools as group teachers and assistant teachers working under the supervision of head teachers.

Upon completion of this program, graduates will be able to:

- Use theories and knowledge of growth and development to understand the multiple influences that promote child development and learning.
- Build relationships with families and the community to create a respectful and reciprocal community of learning to support children and families.
- Support young children through the use of observation, documentation, and assessment techniques and strategies.
- Create, implement and evaluate effective early childhood curricula while implementing the philosophy of developmentally appropriate practices.
- Exhibit characteristics of an early childhood professional by following the National Association for the Education of Young Children (NAEYC) ethical guidelines, participating in professional organizations and professional development, and advocating for children and families.
- Program Goals are based on NAEYC Associate Degree Program Standards.

First Year

Fall Semester

- PSYC 101 - Introduction to Psychology **Credits: 3**
- CDEV 101 - Intro. to Early Childhood Educ. **Credits: 3**
- CDEV 150 - Lang. Devel. & Lang. Arts in Early Childhood Education **Credits: 3** (FA)
- CDEV 270 - Curriculum Studies in Early Childhood Education **Credits: 3** (FA)
- EDUC 202 - Historical and Philosophical Patterns in Education **Credits: 3**

   OR

- EDUC 275 - Working with Special Needs Children **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 101 - English Composition I **Credits: 3**
- PSYC 111 - Child Psychology **Credits: 3**
- CDEV 160 - Child Health and Nutrition **Credits: 3** (SP)
- CDEV 260 - Methods of Teaching Infants & Toddlers **Credits: 3** (SP)
- CDEV 280 - Child Care Internship I **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 30

Developmental Courses

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The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Computer Information Systems, Certificate

This program is structured to provide fundamental knowledge of information technology and the skills necessary to succeed in today's business environment. This degree is not for transfer. The program is designed to prepare students for entry-level positions in business, industry, government and not-for-profit organizations.

Upon completion of this program, graduates will be able to:

- Demonstrate the ability to solve technical problems related to hardware and software.
- Demonstrate an understanding of operating systems.
- Develop effective communication skills within an organization.
- Demonstrate the ability to work both individually and as a team member.
- Exhibit professionalism and ethical behavior.
- Adapt to advancements in the area technology.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- BUSA 101 - Intro. to Business **Credits: 3**
- COMS 113 - Intro. to Information Systems **Credits: 3**
- COMS 114 - Intro. to Computer Science I **Credits: 3**
- ECON 101 - Macroeconomics **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ACCT 101 - Accounting Princ. I Financial **Credits: 3**
    - CERT 000 - Certificate Electives **Credits: 9**
- MATH 106 - Mathematical Concepts **Credits: 3**

    OR

- MATH 110 - Pre-Calculus I **Credits: 3** *

Total Semester Hours: 15

Summer Session

Total Program Hours: 30

*Recommended for students planning to enter the degree program.

Certificate Electives Recommended

- COMS 115 - Intro. to Computer Science II **Credits: 3**
- COMS 120 - Computer Software Applications **Credits: 3**
- COMS 210 - Systems Analysis & Design **Credits: 3**
- COMS 218 - Database Management Systems **Credits: 3**
- COMS 221 - Operating Systems **Credits: 3**
- COMS 230 - Networks and Telecommunications **Credits: 3**
- COMS 239 - Fund. of Computer Architecture **Credits: 3**

- COMS 240 - Computer Information Systems Internship **Credits: 3**

Developmental Courses

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The exception to this is where students seek enrollment in higher-level math courses. Students wishing to enroll in the following math courses are *required* to take and adhere to placement guidance from, the Advanced Algebra and Functions test, as part of Accuplacer, through the college's testing center, for admission into any of the following courses: MATH 110, MATH 112, and MATH 113. Please note, *courses in other disciplines may also require advanced mathematics placement*. Students should check with their advisor.

Computerized Accounting, Certificate

This program provides students with knowledge and practical experience in accounting principles and the management of these principles through software package options. Students will learn financial and managerial accounting methods through the automated General Ledger function.

Upon completion of this program, graduates will be able to:

- Apply for entry-level employment in bookkeeping and accounting clerk positions.
- Analyze, journalize, and post transactions both manually and using computerized accounting software.
- Maintain a computerized accounting system.
- Create spreadsheets using electronic spreadsheet programs to be used in the planning and developing of budgets, cash flows, financial statements, and other business records.
- Maintain payroll records and comply with federal and state reporting requirements.
- Prepare the following financial statements: Income
- Statement, State of Retained Earnings, Balance Sheet, and Statement of Cash Flow.

First Year

Summer Session

- ACCT 101 - Accounting Princ. I Financial **Credits: 3**

Total Semester Hours: 3

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- ACCT 102 - Accounting Princ. II Managerial **Credits: 3**
- ACCT 107 - Computerized Accounting **Credits: 3** (FA)
- ACCT 205 - Payroll Accounting **Credits: 3** (FA)

Total Semester Hours: 15

Winter Session

Spring Semester

  - MATH 900 - Math Gen Ed Requirement **Credits: 3**
  - GSOC 000 - Social Science Gen Ed Requirement **Credits: 3**
- BUSA 101 - Intro. to Business **Credits: 3**
- BUSA 190 - Business Applications using Electronic Spreadsheets **Credits: 3** (SP)

Total Semester Hours: 12

Total Program Hours: 30

Social Science General Education Courses:

Choose from the list of approved General Education courses in the College catalog.

Math General Education Courses (Recommended)

- MATH 106 - Mathematical Concepts **Credits: 3**
- MATH 110 - Pre-Calculus I **Credits: 3**

Developmental Courses

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113. Please note, *courses in other disciplines may also require advanced mathematics placement.* Students should check with their advisor.

Culinary Arts, Certificate

The Culinary Arts Certificate program is an intensive one-year certificate program that prepares students for food service positions in the hospitality field.

A mix of class and lab study, students leave the program with a solid understanding of food preparation and service, cultural and culinary trends, menu preparation, equipment usage, safety and sanitation procedures, and customer service and leadership skills.

Students in the program will learn the use and care of commercial kitchen equipment, high standards of sanitation and food safety, proficiency in techniques of baking and pastry, and skills in knife, tool, and equipment handling. They must apply the principles of food preparation to produce a variety of food products.

Upon completion of this program, graduates will be able to:

- Demonstrate proficiency in basic industry terminology.
- Practice standards in behavior, grooming, dress, and safety that reflect the mature work attitude expected of an industry professional.
- Maintain high standards of sanitation and food safety as established by the ServSafe® program.
- Develop skills in knife, tool, and equipment handling and care, apply principles of food preparation to produce a variety of food products.
- Demonstrate the overall concept of purchasing and receiving practices in quality foodservice operations.
- Demonstrate the ability to convert, weigh and measure recipes.
- Describe the characteristics, functions, and food sources of the major nutrients and maximize nutrient retention in menu planning, food preparation, and storage.
- Develop skills in the fabrication, portioning, and yield costing of protein products.
- Demonstrate proficiency in techniques for preparation and presentation of baking and pastry.
- Demonstrate quality customer service, including supervisory management, dining room service, guest service, working with others, and multi-tasking.
- Apply the principles of menu planning, development, and execution.
- Communicate clearly and professionally, both verbally and in writing.
- Demonstrate creativity and problem-solving skills based on operational theory and procedures.
- Demonstrate an understanding of organizational structures within hospitality and food service establishments.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- CULA 103 - Food Service Sanitation **Credits: 1**
- CULA 105 - Basic Culinary Skills **Credits: 3** (FA)
- CULA 110 - Meat Fabrication for Culinarian **Credits: 3** (FA)
- CULA 107 - Food Principles **Credits: 3** (FA)
- CULA 118 - Garde Manger **Credits: 3** (FA)

Total Semester Hours: 15

Winter Session

Spring Semester

- - GNED 000 - General Education Elective **Credits: 3**
- CULA 122 - Basic Baking **Credits: 3** (SP)
  - CULA 130 - Charcuterie **Credits: 3** (SP)
- CULA 135 - Advanced Baking & Pastry **Credits: 3** (SP)
- CULA 140 - Breakfast & Lunch Cookery **Credits: 3** (SP)

Total Semester Hours: 15

Summer Session

Total Program Hours: 30

(FA) Fall & (SP) Spring - Only offered

General Education Elective

Choose from the list of approved General Education courses listed in the College catalog.

Developmental Courses

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Digital Journalism, Certificate

The Certificate in Digital Journalism prepares students to find employment in the media industry, or can benefit practicing journalists considering professional development. Students will focus on the use of the Internet and digital technology while exploring journalism fundamentals of reporting, writing, editing, and gain proficiency in Web content production, blogging, video production and editing, social media, and other developing trends.

The objectives of this program are to:

- Demonstrate skills necessary for work in public relations, media and communications organizations.
- Apply knowledge of ethical, legal and content issues to real-life situations concerning online journalism.
- Complete practical experiences as journalists, editors, photographers, video journalists, designers, and media professionals.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- COMS 155 - Web Site Development I **Credits: 3**
- GRAD 119 - Website Management for Digital Marketing **Credits: 3**
- GRAD 128 - Digital Imagery & Editing **Credits: 3**
- COMM 203 - Writing for the Media **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- ENGL 215 - Journalism I **Credits: 3**
- GRAD 109 - Intro. to Digital Marketing **Credits: 3**
- GRAD 142 - Digital Typography and Color **Credits: 3**
  - PHOT 220 - Photojournalism **Credits: 3**
- SOCA 101 - Intro. to Sociology **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 30

Developmental Courses

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available to help strengthen skills and encourage success. Pursuing testing and/or developmental courses is entirely up to the student. Further, testing, though providing a valuable reference point for reflection, does not create for the student an obligation to follow Accuplacer recommendations.

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Elder Law Specialist, Certificate

The Elder Law Specialist Certificate encompasses all aspects of life planning for the elder population including illness, incapacity and death of the elderly. Elder Law Specialists may work independently on issues that do not require attorney supervision. This work may include: life enhancement assistance, analysis of housing choices, organizational assistance, preparation of valuation materials for real and personal property appraisals and funeral planning.

Upon completion of this program, graduates will be able to:

- The specific job tasks of an Elder Law Specialist depend on whether the Elder Law
- Specialist is working under the supervision of an attorney. Depending on the law office, the following tasks might be performed under the direct supervision of an attorney.

These law firm tasks include:

- Interview prospective clients
- Help plan strategy for legal services
- Visit elderly to review asset documents
- Review elder's current estate plan
- Consult and correspond with elder's creditors and debtors to obtain pertinent information
- Prepare valuation of assets and schedule appraisals of real and personal property
- Review bank statements, estate planning documents to determine status of estate
- Assist attorney in determining whether a guardianship and/or conservatorship is necessary
- Maintain case documents and progress chart and update clients on status
- Draft wills, trusts, powers of attorney, living wills, medical consents, deeds, other legal documents as needed
- Assist attorney with medical, Medicare, Medicaid, Social Security, insurance and banking issues
- Assist attorney in all aspects of the litigation process

The following tasks may be done by an Elder Law Specialist without direct supervision of an attorney:

- Assist elder client and his/her family with analysis of housing choices
- Assist elder client and his/her family with life enhancement assistance
- Assist elder client and his/her family with organizational assistance
- Assist elder client and his/her family with preparation of valuation of assets and schedule appraisals of real and personal property
- Assist elder client and his/her family with funeral planning

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- LEGA 100 - Intro. to the American Legal Sys **Credits: 3 (FA&SP)**
- LEGA 110 - Estates and Trusts **Credits: 3 (FA)**
- LEGA 105 - Legal Research & Writing I **Credits: 3 (FA)**
- PSYC 101 - Introduction to Psychology **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- COMS 110 - Computer Concepts & Applications **Credits: 3**
- LEGA 120 - Family Law **Credits: 3**
- LEGA 230 - Elder Law **Credits: 3 (SP)**
- PSYC 215 - Psychology of Adult Dev. & Aging **Credits: 3 (SP)**

Total Semester Hours: 12

Summer Session

- LEGA 115 - Real Estate Transactions **Credits: 3 (SU)**

Total Semester Hours: 3

Total Program Hours: 30

Developmental Courses

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advisor.

Fire Science Technology, Certificate

This program is designed to serve the career and volunteer fire fighter, industrial fire protection personnel, fire protection specialist or the recent high school graduate who has an interest in fire service. The program will be offered primarily in the evening for part-time students. Upon completion of the program, students will have attained the skills and knowledge to perform their current duties more effectively and to prepare them for greater levels of responsibility within the fire service system. Courses completed to satisfy the requirements of the certificate program may be used to meet the requirements for the A.A.S. degree in Fire Science Technology.

Upon completion of this program, graduates will be able to:

- Be prepared with a scientific understanding of fire hazards and their control with emphasis on effective operating procedures at fires and other emergencies.
- Demonstrate the skills necessary to incorporate the theory and applications to become a credentialed professional in the fire service.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- COMS 110 - Computer Concepts & Applications **Credits: 3**
- FRST 101 - Intro. to Fire Science **Credits: 3**
- FRST 103 - Fire Prevention **Credits: 3**
- FRST 106 - Fire Tactics and Strategy **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- FRST 104 - Fire Administration **Credits: 3**
- FRST 110 - Fire Behavior and Combustion **Credits: 3**
- FRST 202 - Bldg. Constr. for Fire Protect. **Credits: 3**
  - CERT 000 - Certificate Elective **Credits: 3**
- FRST 208 - Hazardous Materials **Credits: 3**
- FRST 210 - Occupational Health & Safety **Credits: 3**

Total Semester Hours: 18

Summer Session

Total Program Hours: 33

Certificate Electives

- FRST 205 - Fire Protection Hydraulics & Water Supply **Credits: 3**
- FRST 250 - Special Topics in Fire Science **Credits: 3**

Developmental Courses

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Machine Tool Technology, Certificate

The Machine Tool certificate program gives the students an opportunity to gain a broader knowledge and to achieve a higher skill level in machining than is offered in the one-year certificate program. Students are required to develop advanced skills in planning, designing, producing CAD prints, and setting up and operating machine tools to produce precision parts to specifications. The students receive training in programming, setting-up and operating CNC turning and machining centers.

There is also a general education component integrated into the program to satisfy demands for appropriate workforce skills. Upon completing the certificate program, students have the necessary skills to become employed as an entry-level machinist or a CNC technician.

Successful graduates of the Machine Tool Technology Program can:

- Enter the industry as industrial machinery mechanics, machinery maintenance workers or millwrights. Career opportunities also exist in construction, manufacturing, fabrication, sales, quality control, supervision, and machine-related self employment.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
- MCHT 103 - Print and Drawing Interpretation **Credits: 3**

    MCHT 105 - Machine Tool Technology I **Credits: 4**

    MCHT 115 - Instruments, Tools, & Machines **Credits: 2**

Total Semester Hours: 15

Winter Session

Spring Semester

- MCHT 125 - Machine Tool Technology II **Credits: 4**
- MCHT 135 - Intro. to CNC Program and Operations **Credits: 3**
- MCHT 147 - CNC Turning & Machine Centers **Credits: 3**
- MCHT 280 - Machine Tool Internship **Credits: 4**
    - CERT 000 - Certificate Elective **Credits: 3**

Total Semester Hours: 17

Summer Session

Total Program Hours: 32

Certificate Electives

- COMS 110 - Computer Concepts & Applications **Credits: 3**
- MCHT 225 - Computer Aided Machining I **Credits: 3**

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Optics Technology: CNC, Certificate

This program is designed to provide students with theoretical and hands-on knowledge of the art and science of conventional

manufacturing techniques and training in Computer Numeral Control Programing. Students will have the rare opportunity to learn from industry professionals and acquire skills for an entry-level position in the manufacturing sector of the photonics industry.

Program Outcomes:

- Examine technical drawings in ISO and military specification formats and relevant tolerances.
- Apply learned skills to manufacture optical elements based on technical drawings.
- Manufacture a spherical lens based on a technical drawing.
- Apply cumulative knowledge to polish optics to laser grade quality
- Demonstrate proper setup of grinding and polishing of aspheric lenses through discussions, problem0solving, and interactive demonstrations.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- OPTC 101 - Fundamentals of Optics I **Credits: 3**
- OPTC 107 - Standards of Optics **Credits: 3**
- OPTC 112 - Measurement and Analysis I **Credits: 3**
- OPTC 225 - CNC Optics Manufacturing I **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- MATH 105 - Technical Mathematics **Credits: 3**
- OPTC 121 - Ray Optics **Credits: 3**
- OPTC 231 - Fundamentals of Optics II **Credits: 3**
- OPTC 247 - CNC Optics Manufacturing II **Credits: 3**
  - TECH 000 - Technical Elective **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 30

Technical Elective

Choose from any course with a COMS or OPTC designation.

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Optics Technology: Conventional, Certificate

This program is designed to provide students with theoretical and hands-on knowledge of the art and science of conventional manufacturing techniques. Students will have the rare opportunity to learn from industry professionals and acquire skills for an entry-level position in the manufacturing sector of the photonics industry.

Program Outcomes:

- Examine technical drawings in ISO and military specification formats and relevant tolerances.
- Apply learned skills to manufacture optical elements based on technical drawings.
- Manufacture a spherical lens based on a technical drawing.
- Apply cumulative knowledge to polish optics to laser grade quality
- Demonstrate proper setup of grinding and polishing of aspheric lenses through discussions, problem-solving, and interactive demonstrations.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- OPTC 101 - Fundamentals of Optics I **Credits: 3**
- OPTC 107 - Standards of Optics **Credits: 3**
- OPTC 112 - Measurement and Analysis I **Credits: 3**
- OPTC 140 - Conventional Optics Manufacturing I **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- MATH 105 - Technical Mathematics **Credits: 3**
- OPTC 121 - Ray Optics **Credits: 3**
- OPTC 231 - Fundamentals of Optics II **Credits: 3**
- OPTC 240 - Conventional Optics Manufacturing II **Credits: 3**
    - TECH 000 - Technical Elective **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 30

Technical Elective

Choose from any course with a COMS or OPTC designation.

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Optics Technology: Metrology, Certificate

This program is designed to provide students with theoretical and hands-on knowledge of the science of optical metrology. Students will acquire necessary skills for a position in the quality assurance sector of photonics industry.

Program Outcomes:

- Demonstrate an understanding of technical drawings interpretation.
- Execute first article inspection reports for flat, curved, and prism optics.
- Describe fundamentals of metrology theory, error analysis, and observation bias.
- Examine technical drawings in ISO and military specification formats and relevant tolerances.
- Demonstrate an understanding of white light interferometry through discussion and problem-solving.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- MATH 105 - Technical Mathematics **Credits: 3**
- OPTC 101 - Fundamentals of Optics I **Credits: 3**
- OPTC 107 - Standards of Optics **Credits: 3**
- OPTC 112 - Measurement and Analysis I **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- OPTC 210 - Measurement and Analysis II **Credits: 3**
- OPTC 231 - Fundamentals of Optics II **Credits: 3**
  - TECH 000 - Technical Elective **Credits: 3**
  - TECH 000 - Technical Elective **Credits: 3**
  - TECH 000 - Technical Elective **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 30

Technical Elective

Choose from any course with a COMS or OPTC designation.

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Paralegal, Certificate

This program is structured to provide a fundamental knowledge of the law while training the student for practical application of the legal concepts learned. The program of study is career-oriented and is not designed specifically for students who plan to transfer to a four-year institution or attend law school.

The objectives of this program are to:

- Seek entry-level positions in law offices, governmental entities (courts, regulatory agencies, and law enforcement agencies, etc.), businesses and non-profit organizations.
- Demonstrate a fundamental understanding of legal issues related to litigation, family law, criminal law, contracts, business entities, and legal research and writing.
- Assist attorneys in the preparation of a wide variety of legal documents using word processing software while providing office and organizational support.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- LEGA 100 - Intro. to the American Legal Sys **Credits: 3 (FA&SP)**
- LEGA 105 - Legal Research & Writing I **Credits: 3 (FA)**
- LEGA 106 - Civil Litigation **Credits: 3 (FA)**
- LEGA 120 - Family Law **Credits: 3 (FA)**

Total Semester Hours: 15

Winter Session

Spring Semester

  - CERT 000 - Certificate Elective **Credits: 3**
- BUSA 205 - Business Law I **Credits: 3**
- PSYC 101 - Introduction to Psychology **Credits: 3**
- LEGA 103 - New Jersey Practice **Credits: 3 (SP)**
- LEGA 281 - Paralegal Internship **Credits: 3 (FA&SP)**

Total Semester Hours: 15

Summer Session

Total Program Hours: 30

Certificate Electives (Recommended)

- BUSA 206 - Business Law II **Credits: 3**
- LEGA 110 - Estates and Trusts **Credits: 3 (FA)**
- LEGA 215 - Bankruptcy **Credits: 3**
- LEGA 217 - Worker's Compensation **Credits: 3**
- LEGA 218 - Torts **Credits: 3**
- LEGA 223 - Constitutional Law **Credits: 3 (FA)**
- LEGA 230 - Elder Law **Credits: 3 (SP)**
- LEGA 250 - Spec. Topics in Paralegal Studies **Credits: 4**
  - LEGA 215 - Bankruptcy **Credits: 3**
  - LEGA 217 - Worker's Compensation **Credits: 3**

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Supply Chain Management, Certificate

This certificate provides students with knowledge of logistics and transportation, skills in inventory control, warehouse management, and supervision for careers in the Supply Chain Management Industry.

The objectives of this program are to:

- Apply knowledge of the major Supply Chain Management functions and activities.
- Demonstrate technical competence associated with the Supply Chain Management Industry.
- Collaborate in an organizational culture where there are diverse populations connecting supply chains and logistics networks.
- Communicate professionally in a written and oral manner.
- Interpret basic financial statements and managerial reports.
- Exhibit strong business practices and work ethic appropriate to the Supply Chain Management Industry.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- BUSA 101 - Intro. to Business **Credits: 3**
- ACCT 101 - Accounting Princ. I Financial **Credits: 3**
- SCMG 101 - Principles of Supply Chain Mgmt. **Credits: 3**
- SCMG 105 - Purchasing Mgmt. & Principles **Credits: 3**

Total Semester Hours: 15

Winter Session

- COMS 110 - Computer Concepts & Applications **Credits: 3**

Total Semester Hours: 3

Spring Semester

- BUSA 120 - Small Business Management **Credits: 3** (SP)
- BUSA 205 - Business Law I **Credits: 3**
- SCMG 110 - Inventory Management **Credits: 3**
- SCMG 115 - Shipping, Receiving & Logistics **Credits: 3**
- SCMG 215 - Warehousing Distribution **Credits: 3**
- SCMG 225 - Performance Indicators and Benchmarking **Credits: 3**

Total Semester Hours: 18

Summer Session

Total Program Hours: 36

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Web Design, Certificate

This one-year certificate program is designed to prepare students for entry-level positions in various careers requiring commercial art and/or communication design production skills. The program's courses include the rapidly advancing technology of computer graphics and hands-on training in typography, layout production, and design fundamentals. The credits acquired in this program are applicable toward the A.A.S. in Graphic Design.

The objectives of this program are to:

- Demonstrate entry-level professional Photoshop skills including selecting, editing, retouching, and com positing images.
- Exhibit a refined use of color appropriate for each client and project.
- Research and select appropriate typefaces and design typography to support the branding or communication goal of a particular client or project.
- Utilize a professional design process including research, concept development to create professional level Web page designs.
- Create a consistent, visually appealing web page layouts utilizing Web Editors, hand-coding using HTML and CSS.
- Utilize a computer as a production tool.

First Year

Fall Semester

- ARTA 104 - Art History II **Credits: 3**
- ENGL 101 - English Composition I **Credits: 3**
- COMS 155 - Web Site Development I **Credits: 3**
- GRAD 105 - Vector Graphics & Page Design **Credits: 3**
- GRAD 109 - Intro. to Digital Marketing **Credits: 3**

Total Semester Hours: 15

Winter Session

Spring Semester

- COMS 114 - Intro. to Computer Science I **Credits: 3**
- COMS 156 - Web Site Development II **Credits: 3**
- GRAD 119 - Website Management for Digital Marketing **Credits: 3**
- GRAD 128 - Digital Imagery & Editing **Credits: 3**
- GRAD 142 - Digital Typography and Color **Credits: 3**

Total Semester Hours: 15

Summer Session

Total Program Hours: 30

Developmental Courses

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.

Welding Technology, Certificate

The Welding Technology Program provides students with a comprehensive understanding of the science, technology, and applications essential for successful employment in the welding and metal industry. In addition to gaining an overall understanding of welding machines, weld processes, and hands-on proficiency, students develop skills in the areas of print reading, welding symbols, metallurgy, weld inspection, destructive and non-destructive testing. Students gain important knowledge and skills necessary to

prepare them for weld qualification to code specifications. Students perform quality welds and cuts, evaluate welds to industry standards, operate metal fabricating equipment, and apply communication skills in the work environment.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
- WELD 101 - Welding Safety **Credits: 1**
- WELD 110 - Thermal Cutting and Oxyfuel Welding **Credits: 3**
- WELD 115 - Shielded Metal Arc Welding I **Credits: 3**

Total Semester Hours: 10

Winter Session

Spring Semester

- WELD 105 - Print Reading & Welding Symbols **Credits: 3**
- WELD 125 - Shielded Metal Arc Welding II **Credits: 3**

Total Semester Hours: 6

Winter Session

Second Year

Fall Semester

- MATH 105 - Technical Mathematics **Credits: 3**
- WELD 130 - Flux Cored Arc Welding **Credits: 3**
- WELD 140 - Welding Fabrication **Credits: 3**

Total Semester Hours: 9

Spring Semester

- WELD 120 - Welding Metallurgy **Credits: 2**
- WELD 201 - Basic Pipe Welding **Credits: 3**

Total Semester Hours: 5

Certificates of Achievement

The Certificates of Achievement are designed for individuals who wish to start out on a career path or who are already working in their field and want to advance and update their knowledge and skills.

Bookkeeping, C.O.A.

This certificate is structured to build upon required prior coursework in financial and managerial accounting principles including computerized accounting and payroll accounting. Business applications using electronic spreadsheets will also be reviewed. The program will prepare students for entry-level bookkeeping positions and for positions as accounts receivable or accounts payable clerks.

First Year

Summer Session I

- ACCT 101 - Accounting Princ. I Financial **Credits: 3**

Total Semester Hours: 3

Winter Session

Fall Semester

- ACCT 102 - Accounting Princ. II Managerial **Credits: 3**
- ACCT 107 - Computerized Accounting **Credits: 3**
- ACCT 205 - Payroll Accounting **Credits: 3**

Total Semester Hours: 9

Spring Semester

- BUSA 190 - Business Applications using Electronic Spreadsheets **Credits: 3**

Total Semester Hours 3

Computer-Aided Design/Drawing Software, C.O.A.

Designed for individuals seeking hands-on experience with the digital tools used by mechanical engineers, drafters, and design-related professionals. 2D and 3D platforms used to automate design and expand visual concepts are covered as is collaborative work on CAD projects and software used to produce computer-aided drawings. Students will be prepared for entry-level positions as CAD operators, designers or 3D artists.

First Year

Fall Semester

- COMS 225 - Computer Aided Design **Credits: 3**

Total Semester Hours 3

Winter Session

Spring Semester

- COMS 226 - Computer Aided Design II **Credits: 3**
- GRAD 158 - 3D Modeling **Credits: 3**

Total Semester Hours: 6

Cultural Competence, C.O.A.

Gain competence in understanding cross-cultural relationships and multicultural interactions.

First Year

Fall Semester

Spring Semester

Winter Session

Cyber-Crime Investigation, C.O.A.

Focuses on cyber-based crimes which will prepare students to enter the field of computer crime investigations and private security.

First Year

Fall Semester

- CYBR 100 - Introduction to Cyber Crime **Credits: 3**
- CYBR 101 - Digital Forensics I **Credits: 3**

Total Semester Hours: 6

Winter Session

Spring Semester

- CYBR 102 - Cyber Law **Credits: 3**
- CYBR 103 - Digital Forensics II **Credits: 3**
- CYBR 110 - Practicum in Cyber Crime Investigation **Credits: 1**

Total Semester Hours: 7

Digital Art and Illustration, C.O.A.

This certificate offers hands-on learning in the field of graphic and digital design to enhance design skills while providing intensive training. Acquire the knowledge and experience to produce aesthetically pleasing design projects. Students will be prepared for positions in design departments, graphic design firms, advertising, print, and multimedia design companies.

First Year

Fall Semester

- GRAD 107 - Drawing for Designers **Credits: 3**
- GRAD 153 - Character Design **Credits: 3**
- GRAD 105 - Vector Graphics & Page Design **Credits: 3**
- GRAD 139 - Children's Book Illustration **Credits: 3**

Total Semester Hours: 12

Winter Session

Spring Semester

- GRAD 128 - Digital Imagery & Editing **Credits: 3**
- GRAD 138 - Comic Book Illustration **Credits: 3**
- GRAD 230 - Directed Themes in Illustration **Credits: 3**

Total Semester Hours: 9

Graphic and Digital Design, C.O.A.

Health and Exercise Science, C.O.A.

The Certificate of Achievement in Health and Exercise Science involves studying human movement, understanding strength training programs, learning health behavior change strategies, learning about the prevention and treatment of athletic injuries, understanding health promotion and disease prevention, teaching group fitness classes, and more.

First Year

Fall Semester

- BIOS 107 - Nutrition Fundamentals **Credits: 3**
- EXSC 101 - Intro. to Exercise Science **Credits: 3**

Total Semester Hours: 6

Winter Session

Spring Semester

- PSYC 101 - Introduction to Psychology **Credits: 3**
- EXSC 105 - First Aid and Emergency Care **Credits: 3**
- EXSC 123 - Anaerobic Conditioning **Credits: 1**
- EXSC 125 - Group Fitness **Credits: 1**

Total Semester Hours: 8

Summer Session I

Second Year

Fall Semester

- BIOS 150 - Nutrition, Fitness & Wellness **Credits: 3**
- EXSC 121 - Aerobic Conditioning **Credits: 1**
- EXSC 127 - Resistance Training **Credits: 1**

Total Semester Hours: 5

Winter Session

Spring Semester

Humanities, C.O.A.

This Certificate of Achievement is intended for the enhancement of previous education, self-enrichment and enjoyment, and broader exposure to world cultures that may benefit employees in law, education, human services, business, hospitality, retail, and numerous other fields.

If the student chooses two semesters of a world language, this would also be a benefit in any field of employment.

The curriculum integrates writing and literature, culture, and the history of ideas, with the further option of one or two semesters of a language. Emphasis is placed on multicultural understanding and critical thinking skills such as critical analysis of texts and creative works and comparison of ideas. Students who complete this certificate of achievement will be able to demonstrate knowledge of history, cultural diversity, and heritage.

First Year

Fall Semester

- ENGL 101 - English Composition I **Credits: 3**
    - GHMN 000 Humanities Gen Ed Requirement **Credits: 3**

  CERT 000 - Humanities Certificate Electives **Credits: 3**

Total Semester Hours: 12

Winter Session

Spring Semester

- ENGL 102 - English Composition II **Credits: 3**

  GHMN 000 - Humanities Gen Ed Requirement **Credits: 3**

  CERT 000 - Humanities Certificate Electives **Credits: 3**

Total Semester Hours: 9

Independent Film, C.O.A.

Designed for students who want informal experience in film such as the operation of video or digital SLR cameras, digital video software, and audio editing software. The student will gain practical experience in film production, have an opportunity to refine skills, and develop a portfolio of work. Students will have the ability to write, produce, direct, analyze and evaluate broadcast segments and develop a personal and professional portfolio in film. Students will be prepared for entry-level opportunities in film festivals and broadcast production.

First Year

Fall Semester

- COMM 203 - Writing for the Media **Credits: 3**
- COMM 230 - Crit. Analy. & Survey of Cinema **Credits: 3**
- GRAD 150 - Storyboarding & Sequential Storytelling **Credits: 3**

Total Semester Hours: 9

Winter Session

Spring Semester

- COMM 132 - Cinematography **Credits: 3**
- GRAD 235 - Video and Motion Graphics **Credits: 3**

Total Semester Hours: 6

Interactive Design Skills, C.O.A.

Designed for individuals seeking hands-on experience-enhancing computer graphics and web design skills through the study of designing and creating for the Internet. The focus is on the creation of aesthetically pleasing and functional web graphics and websites that capture and hold visitor interest. Students will present a portfolio of graphic and web design skills to document their preparation for positions as web designers, graphic designers, or multimedia artists.

First Year

Fall Semester

- COMS 155 - Web Site Development I **Credits: 3**
- GRAD 115 - Intro. to Game Theory & Develop. **Credits: 3**
- GRAD 128 - Digital Imagery & Editing **Credits: 3**
- GRAD 119 - Website Management for Digital Marketing **Credits: 3**

Total Semester Hours: 12

Winter Session

Spring Semester

- COMS 156 - Web Site Development II **Credits: 3**
- GRAD 142 - Digital Typography and Color **Credits: 3**
- GRAD 219 - Digital Marketing II **Credits: 3**

Total Semester Hours: 9

Mulitimedia Artist, C.O.A.

This certificate is for students who want to acquire fundamental, technical, and conceptual skills used in the field of multimedia. These include the ability to create aesthetically pleasing and functional images, interfaces and motion graphics for the web, and professional techniques for video editing. Students will be prepared for entry-level positions as motion graphics and video editing specialists, web and graphic designers, and multimedia artists.

First Year

Fall Semester

- COMS 155 - Web Site Development I **Credits: 3**
- GRAD 105 - Vector Graphics & Page Design **Credits: 3**
- GRAD 128 - Digital Imagery & Editing **Credits: 3**
- GRAD 119 - Website Management for Digital Marketing **Credits: 3**

Total Semester Hours: 12

Winter Session

Spring Semester

- GRAD 115 - Intro. to Game Theory & Develop. **Credits: 3**
- GRAD 142 - Digital Typography and Color **Credits: 3**
- GRAD 235 - Video and Motion Graphics **Credits: 3**
- GRAD 281 - Portfolio Prep. & Presentation **Credits: 1**

Total Semester Hours: 10

Music Fundamentals, C.O.A.

This program is intended to complement current disciplines, enhance previous education, or for self-enrichment and enjoyment. The curriculum integrates music appreciation, theory, chorus, and piano for the inspiring musical artist. Emphasis is placed on technical and creative skills. You will be able to demonstrate knowledge of the history, cultural diversity, and heritage of music; acquire an appreciation of music and identify a personal aesthetic; recognize music as art and a universal language with organization and structure; identify and articulate the components of music composition; perform as part of an ensemble.

First Year

Fall Semester

- MUSC 101 - Music Appreciation **Credits: 3**
- MUSC 105 - Chorus I **Credits: 1**
- MUSC 150 - Piano Fundamentals I **Credits: 1**

Total Semester Hours: 5

Spring Semester

- MUSC 106 - Chorus II **Credits: 1**
- MUSC 110 - Introductory Music Theory **Credits: 3**
- MUSC 115 - Electronic Music I **Credits: 3**
- MUSC 151 - Piano Fundamentals II **Credits: 1**

Total Semester Hours: 8

Optics Technology: CNC, C.O.A.

This program is designed to provide continuing students and professionals with theoretical and hands-on knowledge of the art and science of conventional manufacturing techniques. Students acquire skills for an entry-level position in the manufacturing sector of the photonics industry.

First Year

Fall Semester

- OPTC 107 - Standards of Optics **Credits: 3**
- OPTC 112 - Measurement and Analysis I **Credits: 3**
- OPTC 225 - CNC Optics Manufacturing I **Credits: 3**

Total Semester Hours: 9

Winter Session

Spring Semester

- OPTC 210 - Measurement and Analysis II **Credits: 3**
- OPTC 247 - CNC Optics Manufacturing II **Credits: 3**

Total Semester Hours: 6

Optics Technology: Conventional, C.O.A.

This program is designed to provide continuing students and professionals with theoretical and hands-on knowledge of the art and science of conventional manufacturing techniques. Students acquire skills for an entry-level position in the manufacturing sector of the photonics industry.

First Year

Fall Semester

- OPTC 107 - Standards of Optics **Credits: 3**
- OPTC 112 - Measurement and Analysis I **Credits: 3**
- OPTC 140 - Conventional Optics Manufacturing I **Credits: 3**

Total Semester Hours: 9

Winter Session

Spring Semester

- OPTC 210 - Measurement and Analysis II **Credits: 3**
- OPTC 240 - Conventional Optics Manufacturing II **Credits: 3**

Total Semester Hours: 6

Optics Technology: Metrology, C.O.A.

This program is designed to provide continuing students and professionals with theoretical and hands-on knowledge of the science of optical metrology. Students acquire the necessary skills for a position in the quality assurance sector of photonics industry.

First Year

Fall Semester

- OPTC 101 - Fundamentals of Optics I **Credits: 3**
- OPTC 107 - Standards of Optics **Credits: 3**
- OPTC 112 - Measurement and Analysis I **Credits: 3**

Total Semester Hours: 9

Winter Session

Spring Semester

- OPTC 210 - Measurement and Analysis II **Credits: 3**
- OPTC 231 - Fundamentals of Optics II **Credits: 3**

Total Semester Hours: 6

Personal Trainer, C.O.A.

The Personal Trainer Certificate of Achievement program is designed to prepare the student to take a nationally recognized personal training certification exam, such as the ACSM - Certified Personal Trainer. This program covers the principles of personal training, aerobic and anaerobic conditioning, group fitness instruction, resistance training, nutrition fundamentals, and first aid and emergency care. Students in this program will experience hands-on training by working with a variety of fitness equipment utilized in the profession and will apply that training during a personal training internship. After completing this program and passing a certification exam, students will be prepared for immediate employment as a personal trainer.

First Year

Fall Semester

- BIOS 107 - Nutrition Fundamentals **Credits: 3**
- EXSC 112 - Prin. of Personal Training I **Credits: 3**
- EXSC 121 - Aerobic Conditioning **Credits: 1**
- EXSC 127 - Resistance Training **Credits: 1**

Total Semester Hours: 8

Winter Session

Spring Semester

- EXSC 105 - First Aid and Emergency Care **Credits: 3**
- EXSC 115 - Prin. of Personal Training II **Credits: 3**
- EXSC 123 - Anaerobic Conditioning **Credits: 1**
- EXSC 125 - Group Fitness **Credits: 1**
- EXSC 280 - Personal Trainer Internship **Credits: 1**

Total Semester Hours: 9

Photography, C.O.A.

This certificate allows students to concentrate in either documentary photography or photojournalism. Documentary photography will focus on general digital and studio photography. Photojournalism emphasizes location and event photography. The goal of the certificate in photography is to provide the skills necessary for entry-level work as a freelance photographer. Should students wish to continue, credits can later be applied to a two-year AFA degree with a Photography Option.

First Year

Fall Semester

- PHOT 109 - Intro. to Digital Photography **Credits: 3**
- PHOT 203 - Documentary/Photojournalism **Credits: 3**

Total Semester Hours: 6

Winter Session

Spring Semester

- PHOT 205 - Studio Photography **Credits: 3**
- PHOT 240 - Digital Photography II **Credits: 3**

Total Semester Hours: 6

Social Media, C.O.A.

This program is structured for students seeking to acquire hands-on experience in Internet marketing, web design, journalism, graphic and media design. Students will develop the skills necessary to create written and visual content for social media sites and focus on using relationship-building social media platforms as a way to communicate with a variety of audiences. Students will be prepared for entry-level positions in social networking, social media strategy, social media copywriting, advertising, public relations, graphic design, and web journalism.

First Year

Fall Semester

- COMS 155 - Web Site Development I **Credits: 3**
- GRAD 105 - Vector Graphics & Page Design **Credits: 3**
- GRAD 128 - Digital Imagery & Editing **Credits: 3**
- GRAD 109 - Intro. to Digital Marketing **Credits: 3**

Total Semester Hours: 12

Winter Session

Spring Semester

- GRAD 119 - Website Management for Digital Marketing **Credits: 3**
- GRAD 219 - Digital Marketing II **Credits: 3**
- GRAD 235 - Video and Motion Graphics **Credits: 3**

Total Semester Hours: 9

Strength Coach, C.O.A.

The Strength Coach Certificate of Achievement program is designed to prepare the student for certification as a Strength Coach by the National Council on Strength & Fitness (NCSF). This program will teach the student about advanced strength and conditioning concepts used in training programs for athletes of all ages competing in a variety of sports. Students can expect to get hands-on learning in the topics of sports analysis, performance assessment, program development, sports nutrition, and injury prevention. Upon the completion of this program and passing the NCSF-Certified Strength Coach (NCSF-CSC) certification exam, students will be prepared for immediate employment as a strength coach. As per NCSF guidelines, a minimum of an Associate's Degree or NCCA accredited personal trainer certification is required to register for the NCSF-CSC examination.

First Year

Fall Semester

- BIOS 107 - Nutrition Fundamentals **Credits: 3**
- EXSC 105 - First Aid and Emergency Care **Credits: 3**
- EXSC 121 - Aerobic Conditioning **Credits: 1**
- EXSC 127 - Resistance Training **Credits: 1**
- EXSC 131 - Principles of Strength & Conditioning I **Credits: 3**

Total Semester Hours: 11

Winter Session

- EXSC 123 - Anaerobic Conditioning **Credits: 1**
- EXSC 133 - Principles of Strength & Conditioning II **Credits: 3**
- EXSC 135 - Sports Injuries and Prevention **Credits: 3**
- EXSC 137 - Sports Testing & Interpretation **Credits: 1**
- EXSC 285 - Strength Coach Internship **Credits: 1**

Total Semester Hours: 9

Sustainable Gardening, C.O.A.

This Sustainable Gardening Certificate program is designed for students who are interested in learning how to design, implement and maintain a home garden or landscape. This program prepares students to design and manage sustainable gardens and landscapes. Students will learn important aspects of sustainable gardening. The curriculum will cover sustainable garden design, site selection, soil biology, and plant health, plant pest management, organic farming, and ecological landscape management.

First Year

Fall Semester

- AGSC 107 - Agriculture Pest Control & Mgmt. **Credits: 4**
- HORT 201 - Introduction to Soil Science **Credits: 4**

Total Semester Hours: 8

Winter Session

Spring Semester

- HORT 105 - Sustainable Garden Design **Credits: 3**

Total Semester Hours: 7

Technical Support, C.O.A.

This certificate will prepare students for a career in supporting the information technology needs of business. The program will focus on industry-standard applications, networking, network security, web design, business programming and operating systems tools. Students will be prepared for careers as computer technicians, technical support and help desk specialists, web designers and

programmers, software testers and quality assurance specialists.

First Year

Fall Semester

Total Semester Hours: 15

- COMS 113 - Intro. to Information Systems **Credits: 3**
- COMS 114 - Intro. to Computer Science I **Credits: 3**
  - CERT 000 - Certificate Electives **Credits: 9**

Welding Technology, C.O.A.

The Welding Technology Program provides students with a comprehensive understanding of the science, technology, and applications essential for successful employment in the welding and metal industry. In addition to gaining an overall understanding of welding machines, weld processes, and hands-on proficiency, students develop skills in the areas of print reading, welding symbols, metallurgy, weld inspection, destructive and non-destructive testing. Students gain important knowledge and skills necessary to prepare them for weld qualification to code specifications. Students perform quality welds and cuts, evaluate welds to industry standards, operate metal fabricating equipment, and apply communication skills in the work environment.

First Year

Fall Semester

- WELD 101 - Welding Safety **Credits: 1**
- WELD 110 - Thermal Cutting and Oxyfuel Welding **Credits: 3**
- WELD 115 - Shielded Metal Arc Welding I **Credits: 3**

Total Semester Hours: 7

Winter Session

Spring Semester

- WELD 105 - Print Reading & Welding Symbols **Credits: 3**
- WELD 120 - Welding Metallurgy **Credits: 2**
- WELD 125 - Shielded Metal Arc Welding II **Credits: 3**

Total Semester Hours: 8

WordPress Theme Design, C.O.A.

This certificate is organized for students seeking hands-on experience in learning the WordPress Content Management System (CMS) and will provide the skills needed to design interactive websites using modern digital tools. The WordPress CMS is an Open Source tool and is one of the most popular platforms for either personal or business website development. Acquire the skills necessary to create a personal WordPress site or blog, a fully optimized e-commerce store, analyze and employ plugins as site enhancements and convey a basic understanding of website architecture.

First Year

Fall Semester

- COMS 155 - Web Site Development I **Credits: 3**
- GRAD 105 - Vector Graphics & Page Design **Credits: 3**
- GRAD 119 - Website Management for Digital Marketing **Credits: 3**
- GRAD 128 - Digital Imagery & Editing **Credits: 3**

Total Semester Hours: 12

Winter Session

Spring Semester

- GRAD 211 - Website Management for Digital Marketing II **Credits: 3**
- GRAD 235 - Video and Motion Graphics **Credits: 3**

Total Semester Hours: 6

Catalog Home

Sussex County Community College has been providing quality education to area residents by offering two-year degrees and professional certificates in a wide variety of career fields. The College continues its tradition of high academic standards to help students meet and exceed their goals.

The College is affordable with an open admission policy. The ease of transferring credits to four-year institutions makes Sussex the right choice for students looking to stretch their higher education dollars. As a result, nearly 40 percent of area college-bound students chose to begin their education at Sussex. In addition, we continue to add in-demand programs, giving students viable job opportunities after graduation and employers an added workforce.

The Sussex Online Catalog allows students to access information from a computer or mobile device. It provides program offerings, course content, graduation requirements, financial Aid, tuition, academic program information, and more.

The Online Catalog applies to students entering or returning to Sussex in the 202o-2021 academic year and students whose catalog year is 2020-2021. The catalog year includes the fall, spring, winter, and summer semesters.

Career Programs

Associates in Applied Science

- 3D Computer Arts Option, A.A.S. - Graphic Design
- Agricultural Business, A.A.S.
- Automotive Service Technology, A.A.S.
- Building Construction Technology Option, A.A.S. - Technical Studies
- Business Management, A.A.S.
- Child Development Specialist, A.A.S.
- Computer Information Systems, A.A.S.
- Cosmetology Option, A.A.S. - Technical Studies
- Culinary Arts Option, A.A.S. - Technical Studies
- Diesel Service Technology Option, A.A.S. - Technical Studies
- Digital Forensics Option, A.A.S. - Computer Information Systems
- Electronic Music and Recording Option, A.A.S. - Technical Studies
- Fire Science Technology, A.A.S.
- Game Development Option, A.A.S. - Computer Information Systems
- Graphic Design, A.A.S.
- Health Science, A.A.S.
- Hotel and Restaurant Management Option, A.A.S. - Business Management
- Illustration Option, A.A.S. - Graphic Design
- Information Technology Option, A.A.S. - Computer Information Systems
- Machine Tool Technology Option, A.A.S. - Technical Studies
- New Media Communication, A.A.S.
- Nurse Education, A.A.S.
- Optics Technology Option, A.A.S. - Technical Studies
- Paralegal Studies, A.A.S.
- Social Media Marketing Option, A.A.S. - Graphic Design
- Supply Chain Management, A.A.S. - Technical Studies
- Technical Studies, A.A.S.
- Technical Theater Option, A.A.S. - Technical Studies
- Welding Technology Option, A.A.S. - Technical Studies

Certificates

- Automotive Service Technology, Certificate
- Child Development Specialist, Certificate
- Computer Information Systems, Certificate
- Computerized Accounting, Certificate
- Culinary Arts, Certificate
- Digital Journalism, Certificate
- Elder Law Specialist, Certificate
- Fire Science Technology, Certificate
- Machine Tool Technology, Certificate
- Optics Technology: CNC, Certificate
- Optics Technology: Conventional, Certificate
- Optics Technology: Metrology, Certificate
- Paralegal, Certificate
- Supply Chain Management, Certificate
- Web Design, Certificate
- Welding Technology, Certificate

Transfer Programs

Associate in Arts

- Anthropology Option, A.A. - Liberal Arts
- Communication/Journalism Option, A.A. - Liberal Arts
- Communications/Broadcast Option, A.A. - Liberal Arts
- Communications/Film Study Option, A.A. - Liberal Arts
- Elementary/Secondary Education Option, A.A. - Liberal Arts
- English Option, A.A. - Liberal Arts
- History Option, A.A. - Liberal Arts
- Liberal Arts, A.A.
- Music Option, A.A. - Liberal Arts
- Musical Theater Option, A.A. - Liberal Arts
- Political Science Option, A.A. - Liberal Arts
- Pre-Law Option, A.A. - Liberal Arts
- Psychology Option, A.A. - Liberal Arts
- Sociology Option, A.A. - Liberal Arts
- Theater Arts Option, A.A. - Liberal Arts

Associate in Fine Arts

- Architecture Design Option, A.F.A. - Studio Arts
- Art Education Option, A.F.A. - Studio Arts
- Fashion Design Option, A.F.A. - Studio Arts
- Interior Design Option, A.F.A. - Studio Arts
- Photography Option, A.F.A. - Studio Arts
- Studio Arts, A.F.A.

Associate in Science

- Accounting, A.S.
- Biology Option, A.S. - Science/Mathematics
- Business Administration, A.S.
- Chemistry Option, A.S. - Science/Mathematics
- Computer Science Option, A.S. - Science/Mathematics
- Criminal Justice, A.S.
- Engineering Science Option, A.S. - Science/Mathematics
- Environmental Studies, A.S.
- Exercise Science, A.S.
- Geology Option, A.S. - Science/Mathematics
- Horticultural Science, A.S.
- Human Services, A.S.
- Information Systems Option, A.S. - Science/Mathematics
- Mathematics Option, A.S. - Science/Mathematics
- Pre Medical/Dental Option, A.S. - Science/Mathematics
- Pre Nutrition/Dietetic Option, A.S. - Science/Mathematics

Course Descriptions

Accounting

ACCT 101 - Accounting Princ. I Financial

ACCT 102 - Accounting Princ. II Managerial

ACCT 107 - Computerized Accounting

ACCT 201 - Intermediate Accounting I

ACCT 202 - Intermediate Accounting II

ACCT 205 - Payroll Accounting

ACCT 250 - Special Topics in Accounting

Agricultural Science

AGSC 101 - Intro. to Agricultural Science

AGSC 107 - Agriculture Pest Control & Mgmt.

AGSC 150 - Organic Farming

AGSC 201 - Agricultural Marketing

AGSC 240 - Agricultural Science Internship

American Sign Language

AMSL 101 - American Sign Language I

AMSL 102 - American Sign Language II

AMSL 201 - American Sign Language III

Anthropology

ANTH 101 - Introduction to Anthropology

ANTH 115 - Biological Anthropology

ANTH 120 - Cultural Anthropology

ANTH 131 - Principles of Archaeology

ANTH 133 - Archaeology Field Methods

ANTH 150 - Magic, Myth & Religion

ANTH 220 - Environment & Cultural Behavior

ANTH 250 - Special Topics in Anthropology

Automotive

AOTE 101 - Automotive Fundamentals

AOTE 110 - Automotive Electrical Systems

AOTE 118 - Auto. Heating & Air Conditioning

AOTE 120 - Automotive Brake Systems

AOTE 130 - Steering & Suspension Systems

AOTE 203 - Engine Construction, Operation & Service

AOTE 204 - Manual Trans. & Drivelines

AOTE 206 - Auto. Transmissions & Transaxles

AOTE 208 - Advanced Automotive Electronics

AOTE 215 - Automotive Engine Performance

AOTE 255 - Automotive Proficiencies

AOTE 261 - Service Center Education Class

AOTE 262 - Service Center Internship

Art

ARTA 101 - Basic Design

ARTA 103 - Art History I

ARTA 104 - Art History II

ARTA 106 - Art Appreciation

ARTA 107 - History of Contemporary Art

ARTA 108 - Basic Drawing

ARTA 110 - Intro to Color

ARTA 115 - Three Dimensional Design

ARTA 120 - Introduction to Fibers

ARTA 135 - Alternative Processes in Photography

ARTA 150 - Life Drawing I

ARTA 156 - Life Drawing II

ARTA 160 - Landscape Drawing

ARTA 170 - Portrait Drawing

ARTA 173 - Intro. to Sculpture

ARTA 175 - Ceramics I

ARTA 180 - Painting I

ARTA 185 - Digital Fine Art I

ARTA 186 - Digital Fine Art II

ARTA 195 - Printmaking

ARTA 200 - Watercolor

ARTA 201 - Painting II

ARTA 210 - Drawing From The Still Life

ARTA 215 - Advanced Drawing

ARTA 220 - Ceramics II

ARTA 250 - Special Topics in Art

ARTA 260 - Portfolio Development

ARTA 262 - Portfolio for Architecture Design

Building Construction

BCST 101 - Intro. to Building Construction

BCST 103 - Construction, Safety, Tools & Equipment

BCST 112 - Print Reading and Sketching

BCST 125 - Codes in Construction

BCST 130 - Construction Site Preparation and Layout

BCST 142 - Construction Materials and Methods I

BCST 150 - Intro. to Electrical and Mechanical Systems

BCST 210 - Roof Structures and Stairs

BCST 230 - Construction Materials and Methods II

BCST 235 - Weather Resistant Barriers & Finishes

BCST 245 - Masonry Principles & Concrete Construction

BCST 255 - Interior Finishes

BCST 260 - Trim and Millwork

BCST 270 - Estimating, Planning, Scheduling and Management

BCST 280 - Building Construction Internship

Biology

BIOS 010 - Intro to Biological Concepts

BIOS 101 - General Biology

BIOS 102 - Intro. to Human Biology

BIOS 103 - Anatomy & Physiology I

BIOS 104 - Anatomy & Physiology II

BIOS 107 - Nutrition Fundamentals

BIOS 108 - Introduction to Environmental Sustainability

BIOS 110 - Biology I

BIOS 112 - Biology II

BIOS 122 - Intro. to Environmental Science

BIOS 124 - Ecology

BIOS 130 - Introduction to Botany

BIOS 150 - Nutrition, Fitness & Wellness

BIOS 210 - Microbiology

BIOS 250 - Special Topics in Biology

Business

BUSA 101 - Intro. to Business

BUSA 110 - Business Communications

BUSA 120 - Small Business Management

BUSA 125 - Principles of Supervision

BUSA 190 - Business Applications using Electronic Spreadsheets

BUSA 205 - Business Law I

BUSA 206 - Business Law II

BUSA 211 - Mgmt. & Organizational Behavior

BUSA 220 - Principles of Marketing

BUSA 235 - Intro. to International Business

BUSA 250 - Special Topics in Business

BUSA 260 - Business Internship

Child Development

CDEV 101 - Intro. to Early Childhood Educ.

CDEV 150 - Lang. Devel. & Lang. Arts in Early Childhood Education

CDEV 160 - Child Health and Nutrition

CDEV 250 - Spec. Topics in Early Child. Ed.

CDEV 260 - Methods of Teaching Infants & Toddlers

CDEV 270 - Curriculum Studies in Early Childhood Education

CDEV 272 - Music & Art in Early Childhood Education

CDEV 280 - Child Care Internship I

CDEV 285 - Child Care Internship II

CDEV 290 - Current Topics in Early Childhood Education

Chemistry

CHEM 100 - Introductory Chemistry

CHEM 107 - Forensic Science

CHEM 110 - College Chemistry I

CHEM 112 - College Chemistry II

CHEM 210 - Organic Chemistry

CHEM 212 - Organic Chemistry II

CHEM 215 - Biochemistry

CHEM 250 - Special Topics in Chemistry

Chinese

CHIN 101 - Elemenatary Mandarin Chinese I

CHIN 102 - Elementary Mandarin Chinese II

College Foundations

COLL 101 - Foundations for Success

COLL 201 - Capstone for Liberal Arts

COLL 203 - Capstone for Criminal Justice

COLL 204 - Capstone in Film Studies

COLL 205 - Capstone for Journalism

COLL 206 - Capstone for Business & Accounting

COLL 207 - Capstone for Psychology

COLL 208 - Capstone for Computer Science & Information Systems

COLL 209 - Capstone for Environmental Studies

COLL 210 - Capstone for Biological and Clinical Sciences

COLL 211 - Capstone for Mathematics and Chemistry

Communications

COMM 101 - Intro. to Mass Communications

COMM 110 - Intro. to Radio & Television Broadcasting

COMM 120 - Introduction to Multi-Media

COMM 130 - Television Production I

COMM 132 - Cinematography

COMM 155 - Live Sound Production

COMM 180 - Editing

COMM 203 - Writing for the Media

COMM 205 - Radio & Television Performance

COMM 210 - Multimedia Production

COMM 219 - On-line Journalism

COMM 220 - Photojournalism

COMM 221 - Radio Production & Broadcasting

COMM 223 - The Gothic in Liter. & Cinema

COMM 225 - Public Relations

COMM 230 - Crit. Analy. & Survey of Cinema

COMM 250 - Special Topics in Communication

COMM 280 - Internship in Broadcasting/Radio

COMM 285 - Internship in Broadcasting/Video Production

COMM 290 - Internship Portfolio: New Media

COMM 291 - Portfolio Preparation and Presentation

Computer Science

COMS 110 - Computer Concepts & Applications

COMS 111 - IT Fundamentals

COMS 113 - Intro. to Information Systems

COMS 114 - Intro. to Computer Science I

COMS 115 - Intro. to Computer Science II

COMS 120 - Computer Software Applications

COMS 132 - Game Programming

COMS 135 - Programming in Python

COMS 141 - Linux Fundamentals for Cyber Security

COMS 142 - Programming in C++

COMS 143 - Advanced Programming in C++

COMS 148 - Introduction to LINUX

COMS 155 - Web Site Development I

COMS 156 - Web Site Development II

COMS 210 - Systems Analysis & Design

COMS 218 - Database Management Systems

COMS 221 - Operating Systems

COMS 223 - Data Structures

COMS 225 - Computer Aided Design

COMS 226 - Computer Aided Design II

COMS 227 - E-Commerce

COMS 228 - Internet Marketing

COMS 230 - Networks and Telecommunications

COMS 234 - Networking Management & Security

COMS 239 - Fund. of Computer Architecture

COMS 240 - Computer Information Systems Internship

COMS 250 - Spec. Topics in Comp. Info. Sys.

Cosmetology

COSM 101 - Principles & Procedures I

COSM 105 - Principles & Procedures II

COSM 108 - Principles & Procedures III

COSM 110 - Science and Ethics for Cosmetology

COSM 115 - Practical Application I

COSM 201 - Practical Application II

Criminal Justice

CRJS 100 - Intro. to the Crim. Justice Sys.

CRJS 101 - Law Enforcement

CRJS 105 - Criminology

CRJS 110 - Criminal Law

CRJS 115 - Juvenile Justice

CRJS 140 - Health & Fitness for the Public Safety Professional

CRJS 141 - Motor Vehicle Law and Traffic Enforcement

CRJS 142 - Terrorism & Homeland Security

CRJS 150 - Police Patrol Administration

CRJS 180 - Corrections

CRJS 210 - Criminal Investigation

CRJS 215 - Criminal Court Procedures

CRJS 220 - Contem. Issues in Law Enforce.

CRJS 221 - Victimology

CRJS 223 - Constitutional Law

CRJS 225 - Community Corrections

CRJS 230 - Practicum in Criminal Justice Agency Operations

CRJS 250 - Special Topics in Law Enforce.

CRJS 288 - Criminal Justice Portfolio Development and Process

Culinary

CULA 101 - Practicum I

CULA 103 - Food Service Sanitation

CULA 105 - Basic Culinary Skills

CULA 107 - Food Principles

CULA 110 - Meat Fabrication for Culinarian

CULA 118 - Garde Manger

CULA 122 - Basic Baking

CULA 135 - Advanced Baking & Pastry

CULA 140 - Breakfast & Lunch Cookery

CULA 170 - Practicum II

CULA 202 - Italian Cuisine

CULA 210 - International Cuisine

CULA 220 - Practicum III

CULA 235 - Classical French Cuisine

CULA 255 - North American Cuisine

CULA 280 - Culinary & Hospitality Arts Internship

Cyber Crime

CYBR 100 - Introduction to Cyber Crime

CYBR 101 - Digital Forensics I

CYBR 102 - Cyber Law

CYBR 103 - Digital Forensics II

CYBR 110 - Practicum in Cyber Crime Investigation

Diesel Technology

DESL 102 - Diesel Engines

DESL 103 - Diesel Drivetrain

DESL 104 - Brake Systems

DESL 105 - Steering and Suspension

DESL 106 - Electrical Systems

DESL 107 - Heating & Air Conditioning Systems

Design

DESN 101 - Principles of Design I

DESN 102 - Principles of Design II

DESN 120 - History of Design

DESN 125 - Intro. to Fashion Merchandising

DESN 201 - Advanced Study in Design

DESN 202 - Fashion Construction I

DESN 203 - Fashion Construction II

DESN 225 - Fashion Merchandising Mgmt.

DESN 250 - Spec. Topics in Design

Economics

ECON 101 - Macroeconomics

ECON 102 - Microeconomics

ECON 250 - Spec. Topics in Economics

Education

EDUC 202 - Historical and Philosophical Patterns in Education

EDUC 275 - Working with Special Needs Children

EDUC 286 - Principles & Practices of Teaching as a Profession

EDUC 291 - Portfolio Develop. in Education

Electronics

ELET 101 - Fundamentals of Electronics

ELET 105 - Electronic Circuits I

ELET 106 - Electronic Circuits II

ELET 200 - Digital Electronics

ELET 250 - Spec. Topics in Electronics

English

ENGL 009 - Critical Reading & Writing I

ENGL 011 - Critical Reading & Writing II

ENGL 012A - ALP Critical Reading & Writing II

ENGL 101 - English Composition I

ENGL 102 - English Composition II

ENGL 125 - Tech. Writing & Communication I

ENGL 201 - Effective Speaking

ENGL 203 - American Literature I

ENGL 204 - American Literature II

ENGL 207 - Literature by Women

ENGL 208 - Theater History I

ENGL 209 - Theater History II

ENGL 211 - The Short Story

ENGL 213 - Literary Masterpieces of the Western World I

ENGL 215 - Journalism I

ENGL 216 - Children's Literature

ENGL 217 - Journalism II

ENGL 220 - Creative Writing

ENGL 221 - Modern Poetry

ENGL 222 - Shakespeare

ENGL 230 - British Literature I

ENGL 231 - British Literature II

ENGL 250 - Special Topics in Literature

ENGL 260 - Special Topics in Writing

Engineering Technology

ENGR 100 - Introduction to Engineering

ENGR 125 - Numerical Methods for Engineers

ENGR 210 - Mechanics

ENGR 220 - Engineering Statics

ENGR 222 - Engineering Dynamics

Eng. Speak. Other Lang.

ESOL 035 - Basic ESOL Skill Development I

ESOL 037 - Basic ESOL Skill Development II

ESOL 039 - Basic ESOL Skill Development III

ESOL 057 - ESOL Intro. to Basic English Grammar I

ESOL 058 - ESOL Intro. to Basic English Grammar II

ESOL 059 - ESOL Intro. to Basic English Grammar III

ESOL 060 - ESOL Writing I

ESOL 061 - ESOL Writing II

ESOL 062 - ESOL Writing III

ESOL 074 - ESOL Reading & Vocabulary I

ESOL 075 - ESOL Reading & Vocabulary II

ESOL 076 - ESOL Reading & Vocabulary III

ESOL 078 - Integrated Language Skills for ESOL Students I

ESOL 079 - Integrated Language Skills for ESOL Students II

ESOL 080 - College Prep English for ESOL Students I

ESOL 081 - College Prep English for ESOL Students II

ESOL 084 - TOEFL Preparation

ESOL 085 - ESOL Listening & Speaking I

ESOL 086 - ESOL Listening & Speaking II

ESOL 087 - ESOL Listening & Speaking III

ESOL 097 - Communication & Presentation Skills for ESOL Students

Exercise Science

EXSC 101 - Intro. to Exercise Science

EXSC 105 - First Aid and Emergency Care

EXSC 112 - Prin. of Personal Training I

EXSC 115 - Prin. of Personal Training II

EXSC 121 - Aerobic Conditioning

EXSC 123 - Anaerobic Conditioning

EXSC 125 - Group Fitness

EXSC 127 - Resistance Training

EXSC 131 - Principles of Strength & Conditioning I

EXSC 133 - Principles of Strength & Conditioning II

EXSC 135 - Sports Injuries and Prevention

EXSC 137 - Sports Testing & Interpretation

EXSC 201 - Kinesiology

EXSC 210 - Exercise Physiology

EXSC 215 - Fitness Assessment & Exercise Prescription

EXSC 280 - Personal Trainer Internship

EXSC 285 - Strength Coach Internship

French

FREN 101 - Elementary French I

FREN 102 - Elementary French II

FREN 201 - Intermediate French I

FREN 202 - Intermediate French II

Fire Science

FRST 101 - Intro. to Fire Science

FRST 103 - Fire Prevention

FRST 104 - Fire Administration

FRST 105 - Fire Protection Systems

FRST 106 - Fire Tactics and Strategy

FRST 107 - Fire Investigation

FRST 110 - Fire Behavior and Combustion

FRST 202 - Bldg. Constr. for Fire Protect.

FRST 205 - Fire Protection Hydraulics & Water Supply

FRST 208 - Hazardous Materials

FRST 210 - Occupational Health & Safety

FRST 230 - Legal Aspects of the Fire Serv.

FRST 250 - Special Topics in Fire Science

Geography

GEOG 105 - Cultural Geography

GEOG 110 - World Geography

GEOG 250 - Spec. Topics in Geography

Geology

GEOL 101 - Physical Geology

GEOL 110 - Historical Geology

GEOL 250 - Spec. Topics in Geology

Graphic Design

GRAD 101 - Design I

GRAD 105 - Vector Graphics & Page Design

GRAD 107 - Drawing for Designers

GRAD 108 - History of Graphic Design

GRAD 109 - Intro. to Digital Marketing

GRAD 115 - Intro. to Game Theory & Develop.

GRAD 119 - Website Management for Digital Marketing

GRAD 122 - Typography & Layout

GRAD 127 - Layout and Design

GRAD 128 - Digital Imagery & Editing

GRAD 132 - Design. & Print. Stylized Books

GRAD 135 - Advertising and Package Design

GRAD 138 - Comic Book Illustration

GRAD 139 - Children's Book Illustration

GRAD 140 - Digital Illustration & Product.

GRAD 141 - Animation and Design

GRAD 142 - Digital Typography and Color

GRAD 144 - Color for Designers

GRAD 150 - Storyboarding & Sequential Storytelling

GRAD 153 - Character Design

GRAD 158 - 3D Modeling

GRAD 162 - Character Modeling in 3D

GRAD 163 - 3D Environments

GRAD 164 - Character Animation in 3D

GRAD 201 - Presentation & Print Production

GRAD 202 - 3D Level Design

GRAD 203 - Print Production

GRAD 210 - Designing for Interactivity

GRAD 211 - Website Management for Digital Marketing II

GRAD 219 - Digital Marketing II

GRAD 230 - Directed Themes in Illustration

GRAD 235 - Video and Motion Graphics

GRAD 240 - Multimedia Design for Digital Video and Audio

GRAD 250 - Special Topics in Graphic Design

GRAD 262 - Game Production

GRAD 280 - Graphic Design Internship

GRAD 281 - Portfolio Prep. & Presentation

GRAD 282 - Portfolio/Demo Reel Preparation and Presentation

GRAD 283 - 3D Computer Arts Internship

German

GRMN 101 - Elementary German I

GRMN 102 - Elementary German II

GRMN 201 - Intermediate German I

GRMN 202 - Intermediate German II

History

HIST 101 - Hist of Western Civilization I

HIST 102 - Hist of Western Civilization II

HIST 105 - U.S. History I

HIST 106 - U.S. History II

HIST 110 - Hist. & Heritage of Sussex Cty.

HIST 201 - 20th Century Asia

HIST 250 - Special Topics in History

Horticultural Science

HORT 102 - Plant Propagation

HORT 105 - Sustainable Garden Design

HORT 107 - Introduction to Turf

HORT 135 - Ecological Landscape Management

HORT 201 - Introduction to Soil Science

HORT 204 - Greenhouse Management

HORT 207 - Introduction to Turf

Hotel & Restaurant Mgmt.

HOST 102 - Fundamentals of Food Preparation

HOST 104 - Essentials of Baking

HOST 240 - International Culinary Arts

HOST 245 - Food as Art

HOST 280 - Hospitality & Culinary Arts Internship

Humanities

HUMN 101 - Survey of World Culture I

HUMN 102 - Survey of World Culture II

HUMN 250 - Special Topics in World Culture

Human Services

HUMS 101 - Intro. to Social Work & Social Welfare

HUMS 120 - Interviewing & Counseling

HUMS 160 - Crisis Intervention

HUMS 170 - Intro. to Gerontology

HUMS 175 - Intro. to Developmental Disabil.

HUMS 205 - Social Welfare Policy

HUMS 210 - Interpersonal Violence Interven.

HUMS 220 - Field Exp. in Human Services I

HUMS 221 - Field Exp. in Human Services II

HUMS 250 - Special Topics in Human Services

Italian

ITAL 101 - Elementary Italian I

ITAL 102 - Elementary Italian II

ITAL 201 - Intermediate Italian I

ITAL 202 - Intermediate Italian II

ITAL 250 - Special Topics in Italian

Legal Studies

LEGA 100 - Intro. to the American Legal Sys

LEGA 103 - New Jersey Practice

LEGA 105 - Legal Research & Writing I

LEGA 106 - Civil Litigation

LEGA 110 - Estates and Trusts

LEGA 115 - Real Estate Transactions

LEGA 120 - Family Law

LEGA 210 - Legal Research and Writing II

LEGA 215 - Bankruptcy

LEGA 217 - Worker's Compensation

LEGA 218 - Torts

LEGA 223 - Constitutional Law

LEGA 225 - Law Office Management

LEGA 230 - Elder Law

LEGA 250 - Spec. Topics in Paralegal Studies

LEGA 281 - Paralegal Internship

Mathematics

MATH 005 - Fundamentals of Basic Math

MATH 010 - Basic Mathematics

MATH 010A - Basic Mathematics

MATH 012 - Fundamentals of Basic Algebra

MATH 015 - Introductory Algebra I

MATH 017 - Introductory Algebra II

MATH 023 - Basic Algebra

MATH 040 - Intermediate Algebra

MATH 104 - Contemporary Mathematics

MATH 105 - Technical Mathematics

MATH 106 - Mathematical Concepts

MATH 108 - Statistics

MATH 110 - Pre-Calculus I

MATH 111 - Business Calculus

MATH 112 - Pre-Calculus II

MATH 113 - Calculus I

MATH 114 - Calculus II

MATH 201 - Discrete Mathematics

MATH 213 - Calculus III

MATH 215 - Linear Algebra

MATH 220 - Ordinary Differ. Equa. w/ Applic

MATH 250 - Spec. Topics in Mathematics

Machine Tool Technology

MCHT 103 - Print and Drawing Interpretation

MCHT 125 - Machine Tool Technology II

MCHT 135 - Intro. to CNC Program and Operations

MCHT 147 - CNC Turning & Machine Centers

MCHT 218 - Machine Tool Technology III

MCHT 225 - Computer Aided Machining I

MCHT 235 - Computer Aided Machining II

MCHT 240 - Manufacturing Methods

MCHT 280 - Machine Tool Internship

Music

MUSC 101 - Music Appreciation

MUSC 102 - Dance I

MUSC 105 - Chorus I

MUSC 106 - Chorus II

MUSC 107 - Chorus III

MUSC 109 - History of Rock and Roll

MUSC 110 - Introductory Music Theory

MUSC 111 - Music Theory II

MUSC 112 - Applied Music I - Piano

MUSC 113 - Applied Music II - Piano

MUSC 115 - Electronic Music I

MUSC 116 - Applied Music I - Drums

MUSC 117 - Applied Music II - Drums

MUSC 118 - Applied Music I - Guitar

MUSC 119 - Applied Music II - Guitar

MUSC 121 - Voice I

MUSC 122 - Voice II

MUSC 123 - Applied Music I - Violin

MUSC 124 - Applied Music II - Violin

MUSC 125 - Applied Music I - Bass

MUSC 126 - Applied Music II - Bass

MUSC 127 - Applied Music I - Trumpet

MUSC 128 - Applied Music II - Trumpet

MUSC 130 - Piano I

MUSC 131 - Piano II

MUSC 132 - Applied Music I - Tuba

MUSC 133 - Applied Music II - Tuba

MUSC 134 - Applied Music I

MUSC 135 - Applied Music II

MUSC 136 - Applied Music III

MUSC 137 - Applied Music I - Flute

MUSC 138 - Applied Music II - Flute

MUSC 140 - Electronic Music II

MUSC 141 - Applied Music I - Clarinet

MUSC 142 - Applied Music II - Clarinet

MUSC 143 - Applied Music I - Saxophone

MUSC 144 - Applied Music II - Saxophone

MUSC 145 - Applied Music I - Voice

MUSC 146 - Applied Music II - Voice

MUSC 150 - Piano Fundamentals I

MUSC 151 - Piano Fundamentals II

MUSC 152 - Piano Fundamentals III

MUSC 155 - Live Sound Production

MUSC 160 - Intro. to Aural Comprehension

MUSC 200 - Applied Music III - Piano

MUSC 201 - Applied Music III - Drums

MUSC 202 - Applied Music III - Guitar

MUSC 203 - Applied Music III - Violin

MUSC 204 - Applied Music III - Bass

MUSC 205 - Applied Music III - Trumpet

MUSC 206 - Applied Music III - Tuba

MUSC 207 - Applied Music III - Flute

MUSC 208 - Applied Music III - Clarinet

MUSC 209 - Applied Music III - Saxophone

MUSC 210 - Applied Music III - Voice

MUSC 214 - Music Theory III

MUSC 215 - Musical Theater Performance I

MUSC 224 - Musical Theater Performance II

MUSC 225 - Voice III

MUSC 230 - Piano III

MUSC 245 - Electronic Music III

MUSC 250 - Special Topics in Music

Optical Technology

OPTC 101 - Fundamentals of Optics I

OPTC 107 - Standards of Optics

OPTC 112 - Measurement and Analysis I

OPTC 121 - Ray Optics

OPTC 140 - Conventional Optics Manufacturing I

OPTC 210 - Measurement and Analysis II

OPTC 217 - Optical Materials I

OPTC 225 - CNC Optics Manufacturing I

OPTC 231 - Fundamentals of Optics II

OPTC 240 - Conventional Optics Manufacturing II

OPTC 247 - CNC Optics Manufacturing II

OPTC 255 - Advanced Optical Systems

Philosophy

PHIL 110 - Philosophy & the Meaning of Life

PHIL 201 - Comparative Religions

PHIL 203 - History of Modern Philosophy

PHIL 205 - Contemporary Ethical Issues

PHIL 250 - Special Topics in Philosophy

Photography

PHOT 109 - Intro. to Digital Photography

PHOT 110 - Film Photography I

PHOT 112 - Film Photography II

PHOT 120 - History of Photography

PHOT 135 - Alternative Processes in Photography

PHOT 203 - Documentary/Photojournalism

PHOT 205 - Studio Photography

PHOT 240 - Digital Photography II

PHOT 250 - Spec. Topics in Photography

PHOT 260 - Portfolio Development/Capstone for Photography

PHOT 261 - Photography Internship

Physics

PHYS 100 - Concepts of Physics

PHYS 105 - Introductory Astronomy

PHYS 107 - Introductory Meteorology

PHYS 108 - The Physics & Technology of Clean Energy

PHYS 110 - Physics I

PHYS 112 - Physics II

PHYS 120 - Physics I with Calculus

PHYS 121 - Physics II with Calculus

PHYS 205 - Modern Physics

PHYS 210 - Mechanics

PHYS 250 - Special Topics in Physics

Political Science

POLS 101 - Intro. to Political Science

POLS 105 - American Government

POLS 106 - State & Local Government

POLS 109 - Modern Political Ideologies

POLS 110 - International Relations

POLS 111 - Intro. to the American Legal Sys

POLS 223 - Constitutional Law

POLS 250 - Spec. Topics in Political Sci.

Psychology

PSYC 101 - Introduction to Psychology

PSYC 105 - Psychology of Human Relations

PSYC 109 - Psychology of the Human Lifespan

PSYC 111 - Child Psychology

PSYC 201 - Abnormal Psychology

PSYC 203 - Theories of Personality

PSYC 204 - Theory & Practice of Psychological Counseling

PSYC 205 - Psychology of Gender

PSYC 208 - Business Psychology

PSYC 210 - Social Psychology

PSYC 212 - Adolescent Psychology

PSYC 215 - Psychology of Adult Dev. & Aging

PSYC 220 - Psychology of Human Sexuality

PSYC 222 - Statistics & Research Methods in Psychology

PSYC 232 - Drugs, Behavior, & Mod. Society

PSYC 237 - Multicultural Psychology

PSYC 250 - Special Topics in Psychology

PSYC 280 - Educational Psychology

Russian

RUSS 101 - Elementary Russian I

RUSS 102 - Elementary Russian II

Supply Chain Management

SCMG 101 - Principles of Supply Chain Mgmt.

SCMG 105 - Purchasing Mgmt. & Principles

SCMG 110 - Inventory Management

SCMG 115 - Shipping, Receiving & Logistics

SCMG 215 - Warehousing Distribution

SCMG 225 - Performance Indicators and Benchmarking

Sociology

SOCA 101 - Intro. to Sociology

SOCA 115 - Intro. to Society & Environment

SOCA 150 - Contemporary Social Issues

SOCA 201 - Deviant Behavior

SOCA 202 - The Sociology of Sports

SOCA 203 - Social Research Methods

SOCA 207 - Sociology of Religion

SOCA 208 - Sociology of the Family

SOCA 215 - Perspectives On Race, Gender, Class and Culture

SOCA 250 - Special Topics in Sociology

Spanish

SPAN 101 - Elementary Spanish I

SPAN 102 - Elementary Spanish II

SPAN 201 - Intermediate Spanish I

SPAN 202 - Intermediate Spanish II

SPAN 220 - Spanish Conversation & Comp.

SPAN 250 - Spec. Topics in Spanish

Theater Arts

THEA 102 - Acting I

THEA 103 - Acting II

THEA 106 - Advanced Acting I

THEA 107 - Advanced Acting II

THEA 110 - Theater Workshop I

THEA 111 - Theater Workshop II

THEA 115 - Intro. to Technical Theater

THEA 120 - Performance & Production I

THEA 121 - Performance & Production II

THEA 130 - Stage and Theater Make-up

THEA 135 - Properties & Set Augmentation

THEA 208 - Theater History I

THEA 220 - Performance & Production III

THEA 221 - Performance & Production IV

THEA 230 - Theater and Event Lighting

THEA 235 - Costume Technology

THEA 240 - Set Design and Construction

THEA 245 - Stage Management

THEA 250 - Spec. Topics in Performing Arts

THEA 260 - Technical Theater Internship

Welding

WELD 101 - Welding Safety

WELD 105 - Print Reading & Welding Symbols

WELD 110 - Thermal Cutting and Oxyfuel Welding

WELD 115 - Shielded Metal Arc Welding I

WELD 120 - Welding Metallurgy

WELD 125 - Shielded Metal Arc Welding II

WELD 130 - Flux Cored Arc Welding

WELD 135 - Gas Metal Arc Welding

WELD 140 - Welding Fabrication

WELD 201 - Basic Pipe Welding

WELD 202 - Pipe Welding II

WELD 205 - Gas Tungsten Arc Welding

WELD 206 - Gas Tungsten Arc Welding II

WELD 225 - Ornamental Ironwork

WELD 230 - Creative Welding

WELD 280 - Welding Technology Internship

Women's Studies

WMST 101 - Women In Contemporary Society

WMST 110 - Women In Business

WMST 207 - Literature by Women

WMST 250 - Special Topics in Womens Studies

Electrical Lineman

ELIN 101 - Utility Fundamentals & Safety

ELIN 105 - Electric Circuit Theory I

ELIN 110 - Electric Circuit Theory II

ELIN 115 - Climbing Electrical Structures

ELIN 120 - Construction of Overhead Structures

ELIN 125 - Facilitate Teams & Pole/Bucket Rescue

ELIN 130 - Electrical Stucture Installation and Transformers

ELIN 135 - Energy Industry Blueprints, Symbols & Documents

ELIN 140 - GPS Mapping

ELIN 155 - Field Construction I

ELIN 205 - Field Construction II

ELIN 210 - Field Construction III

ELIN 280 - Electrical Lineman Seminar

Health Science

HSCI 115 - Ethics, Communication, Business & Law

Massage Therapy

MTHS 110 - Massage Therapy Techniques I

MTHS 112 - Massage Therapy Techniques II

MTHS 135 - Supplemental Modalities I

MTHS 137 - Supplemental Modalities II

MTHS 210 - Massage Therapy Clinical

MTHS 212 - Supplemental Modalities Clinical

Robotics Technology

ROBT 215 - Robotics Enabling Technologies

ROBT 220 - Integration of Robotics Systems

Campus Map and Directory

- Directory
- Directions
- Campus Map

Department	Direct Lines	Building	Room
Academic Affairs	973-300-2150/2332	Administration Bldg.	B301
Accessibility Services	973-300-2153	Administration Bldg.	B206
Adult Basic Education & High School Equivalency Program	973-300-2158	Administration Bldg.	B102
Admissions: **admissions@sussex.edu**	973-300-2223	Administration Bldg.	B204
Advising & Counseling Center **advising@sussex.edu**	973-300-2207	Administration Bldg.	B206
Art Studio	973-300-2228	Art Gallery	
Athletics	973-300-2230/2231	Academic & Athletic Bldg.	
Bursar's Office: **bursar@sussex.edu**	973-300-2106	Administration Bldg.	B203
Billing, All Payments & Payment Plans, Account Reconciliation			
Campus Life Office	973-300-2200	Student Center	D105a
Campus Store	973-300-2767	Student Center	
EOF Program	973-300-2347	Student Center	D114
ESOL	973-300-2158	Administration Bldg.	B102
Faculty Area	973-300-2165/2166	Administration Bldg.	
Financial Aid: **finaid@sussex.edu**	973-300-2225/2227	Administration Bldg.	B212
Foundation Office	973-300-2121	Performing Arts Center	A327
IT Services	973-300-2333	Administration Bldg	B106
Library	973-300-2162/2292	Library & Science Bldg.	
Marketing Dept.	973-300-2355	Student Center & D319	D318
Registrar: **registrar@sussex.edu**	973-300-2218/2215	Administration Bldg.	B217
FERPA, Transcripts, Student Records			
Security (*Student ID*)	973-300-2222/2103	Student Center	D116
Student Gov't Assoc.	973-300-2304	Student Center	D112
Student Services	973-300-2201	Administration Bldg.	B211
Transcript Information	973-300-2216	Administration Bldg.	B217
Testing Center/Tutoring	973-300-2155	Administration Bldg.	B317
Veteran Services	973-300-2109	Student Center	D110b
Welcome Center	973-300-2100	Administration Bldg.	

Sussex County Community College • One College Hill Rd, Newton, NJ 07860

From the East via Route 80: Route 80 W. to exit 25; Rt 206 N.   **From the South via Route 15:** Route 15 N. to Rt 517,

into Newton; Left at light; Bear right onto 206 N.; Left at light onto Mill St.; Left at light onto Swartswood Rd.; First right onto College Hill Rd.

From the Northeast via Rt 94: Route 94 S. to 206 S. to Newton; Right on North Park Drive; Left onto Rt 519; Right at light onto Swartswood Rd.; First right onto College Hill Rd.

Sparta/Franklin Exit; Left at light onto Rt 517/Newton- Sparta Rd; Follow 5 mi. into Newton; Road changes to Spring St.; Bear right onto Rt 206 N.; Left at light onto Mill St.; Left at light onto Swartswood Rd.; First right onto College Hill Rd.

From the Southeast via Rt 94: Rt 94 N. to Newton; Left at light; Bear right onto 206 North; Left at light onto Mill St.; Left at light onto Swartswood Rd.; First right onto College Hill Rd.

Campus Map

- A. **Health Sciences and Performing Arts:** Classrooms, SCCC Foundation, PAC Theater
  Academic Building New: Classrooms, Conference Area, Lecture Hall, Makerspace, Robotics Lab
- B. **Administration Building:** Academic Affairs, Accounts Payable, Admissions, Advising and Counseling Ctr, Bursar, Classrooms, Executive Offices, Financial Aid, IT Services, Learning Resources, Purchasing, Registrar, Student Services, Testing Center, Welcome Center
- C. **Art Gallery:** Art Studios, Classrooms, Faculty Offices
- D. **Student Center:** Adjunct Faculty Offices, Campus Life, Campus Store, Classrooms, EOF, Game Room, HR, Facilities, Marketing, Security, Skylanders Cafe, Student Center Theater, Student Government Assoc, Veterans Office/Resource Center, Writing Center
- E. **Academic & Athletics Building:** Athletics, Classrooms, CC Business Learning Ctr, Degree UP, ESports, Faculty Offices, Fitness Center, Graphic Arts Lab, Human Performance Lab, Gymnasium, Shipping & Receiving

- H. **Horton Mansion**

- L. **Library and Science Building:** Classrooms, Faculty Offices, Library, Science Classrooms & Labs

- R. **University Center:** Classrooms, Optics Center

- V. **Studio 20/Media Center:** Classrooms, Studio 20

Section 504 and Title IX Continuous Notice of Non-Discrimination: Sussex County Community College (SCCC) does not discriminate in admissions or access to, or treatment or employment on the basis of race, color, national origin, sex, disability, or age in its programs and activities.

Admissions

- Applying to Sussex
- Chargeback
- County and State Residency Requirements
- Declaration of Major
- Immunization Requirements
- International Students
- Matriculation/Enrollment Status and Classification
- Summer and Winter Sessions
- Testing

Academic Building (B) • 973.300.2223/2253

Sussex County Community College has an open enrollment policy. Admission to the College is open to all high school graduates, those holding a High School Equivalency (HSE), or other persons 18 years or older. Admission and registration are available on a rolling basis.

Eligible high school students may take Sussex classes through our Concurrent Enrollment Program and Jump Start Program.

Students under the age of 18 will be required to obtain a signed, parental-enrollment consent form in order to take classes.

Applying to Sussex

An Application for Admission is available online at sussex.edu/apply, from the Admissions Office or can be mailed upon request.

Applications are reviewed for admission to the College on an ongoing basis. Whether you wish to take a single course or enroll in full-time study, all new students must submit an application.

Applicants must:

- Provide proof of immunization per the New Jersey law. (Note: students taking less than 12 credits are not required to comply with immunization standards.)
- Submit high school or other college transcripts or High School Equivalency (HSE) certificate.

After applying, we recommend that all students apply for financial aid.

Chargeback

Sussex will provide a chargeback authorization at a New Jersey community college for Sussex County residents interested in pursuing a program not available at Sussex or any of its contracting institutions. [Forms are available online](#).

County and State Residency Requirements

Any resident of Sussex County who is a high school graduate or is 18 years of age or older may apply for regular admission to Sussex. New Jersey residents who do not live in Sussex County may attend Sussex and receive chargeback assistance through their home counties if the community college in their county does not offer the program they wish to pursue. Students from out-ofcounty may also attend by paying the out-of-county tuition rate.

Declaration of Major

All students pursuing a degree or a certificate are encouraged to declare a major at the point of admission. Students may change majors by filing a [Declaration of Major Form](#) online or available in the Registrar's Office, B217. Students cannot change a major online. Students are not required to declare a major but students must declare a major to be eligible for financial aid.

Immunization Requirements

New Jersey State law requires that all full-time community college students provide proof of the following immunizations (immunization certificates required):

- 2 doses of the measles vaccine
- 1 dose of the mumps vaccine
- 1 dose of the rubella vaccine
- 3 doses of the Hepatitis B vaccine
- 2 doses of the Meningococcal vaccine (new for Fall 2020 incoming students)

Students born prior to 1957 are exempt from the measles, mumps, and rubella requirements only and need to present proof of age (i.e., copy of driver's license or birth certificate).

Hepatitis B Vaccine

New Jersey State law also requires that all new, full-time, degree-seeking students enrolling at a public or private institution of higher education in this state shall be vaccinated for Hepatitis B (Three [3] doses). This includes students born prior to 1957.

Meningococcal Vaccine

As of June 15, 2020, New Jersey State law now requires that all full-time, degree-seeking students enrolling at a community college of higher education in this state shall be vaccinated for Meningitis (Two [2] doses). This includes students born prior to 1957.

Exemptions

- Religious Exemption (J.S.A. 26:1A-9.1 and N.J.A.C. 8:57-4.4): Students whose religious principles prohibit injections may request a religious exemption. An essay of explanation is required.
- Medical Exemption (J.A.C. 8:57-4.3): Students may request a medical exemption if the vaccine is medically contraindicated; a statement by a licensed physician is required. Please refer to the form created by the State of New Jersey for medical professionals to complete for a medical exemption: https://www.nj.gov/health/forms/imm-53.pdf
- Philosophical and moral objections are not accepted by the State of New Jersey.

For more information, please visit [sussex.edu/current-students/immunization-record](#) or contact the Registrar's Office at (973)

300-2218.

International Students

Sussex County Community College is a Student and Exchange Visitor Program (SEVP) approved school and welcomes international students.

International students hold an F-1 student visa and must be enrolled full time, for at least 12 credit hours, during the fall and spring semesters' and must maintain a cumulative grade point average of 2.0 or better at all times.

International students are not eligible for financial aid but may qualify for scholarships through the College's Foundation. They may utilize the College's academic support services, Advising and Counseling Center, and are welcome to participate in clubs, and all student activities.

Matriculation/Enrollment Status and Classification

Any student, full-time or part-time, enrolled in a degree or certificate program is considered to be matriculated.

A student registered on the tenth day of classes (the official College recording date) for 12 or more credits is considered full-time. A student with 11 credits or less is designated as parttime. (Federal financial aid regulations may impose additional definitions.)

Students attending college for the first time are designated as first-time freshmen and, thereafter, freshmen through the first 32 credits. Students with 33 or more credits are classified as sophomores.

Summer and Winter Sessions

Sussex offers one winter and three summer sessions. Current students, eligible high school students and students from other colleges can enroll in classes during these sessions.

This opportunity allows students to progress more rapidly through their programs, make up classes they may have missed or transfer credits to other colleges. For more information, contact the Advising and Counseling Center or visit the sussex.edu.

Testing

Administration (B) Building • 973.300.2155

College Placement Testing

Sussex is committed to each student's academic success. The testing policy is designed to give all students an opportunity to succeed by beginning in the appropriate courses that will maximize learning.

Sussex does not require an entering student to take the College Placement Test in the subject areas of reading, writing, computation, or algebra, however, the College-level Mathematics Placement Test, Advanced Algebra and Functions, will be required to show proficiency in order to enroll in precalculus or calculus courses unless one of the following waiver conditions is met:

1. The student has earned a college degree.
2. The student is taking Sussex courses that are approved for personal enrichment.
3. The student meets a special program standard or exception.

Results of Placement Tests do not affect admission to Sussex but are used as a measure of skill competency, along with other measures, for appropriate placement into college-level coursework.

Based on Placement Test results, students will be eligible to register for Sussex courses, based on the chart Placement Using Sat, Act or Accuplacer Scores.

CLEP and Challenge Exams

Many students come to Sussex with in-depth knowledge they have acquired through independent or prior study, cultural or special interest, or have skills or knowledge gained from internships and/or professional experience. Challenge Exams and CLEP Exams enable a student to forgo introductory courses, moving them to classes in their major or prospective career areas. Satisfactory scores allow students to save time, shortening the path to their goals. Not every course is appropriate for a Challenge or CLEP Exam. There is a nonrefundable proctoring fee for each CLEP Exam.

A maximum of 50% of the credits required for a degree (A.A., A.S. or A.FA.) or certificate program or up to 39 credits for an A.A.S. degree may be granted for CLEP, Challenge Exams, and transfer credit or any combination thereof.

Applications for most Challenge Exams including the Challenge Exam for COMS 110 can be obtained from the Advising and Counseling Center. To schedule the Pre-Calculus Challenge Exam, please call the Testing Center. Sussex is a national CLEP Testing Center.

High School Equivalency (HSE) Test

The High School Equivalency Test is administered each month. Tests are offered on Mondays and Saturdays to accommodate participants. Any New Jersey resident, 18 years or older, who does not have a high school diploma is eligible to take the exam. For students less than 18 years, please contact HSE Program Coordinator (973) 300-2158.

Licensing Exams in the Medical Field

Information on licensing exams for health science certificates is available from the Health Science department.

Proctoring for Outside Institutions

Exams are proctored for students doing distance learning with other institutions. There is a proctoring charge, payable through the Bursar's Office. Visit the Testing Center page for more information.

Thomas Edison University Examination Program

The Thomas Edison Credit-by-Examination Program (TECEP) enables students to earn college credits for knowledge gained through work experience. Sussex is a TECEP testing center. TECEP brochures can be obtained by writing to:

Thomas Edison College
101 W. State Street, Trenton, NJ 08625

Fees

- Lab and Course Fees
- Residency Requirement
- Refund Policy
- Methods of Payment

Application Fee (one time only, non-refundable) $25
The application fee covers administrative overhead costs of processing admission requirements, advisory counseling, transcript records and the maintenance of a permanent file.
Accuplacer (Placement) Test Fee $10 per test
Administrative Withdrawal Fee $50 per course
A student may request an official transcript from the Registrar's Office. Students are entitled to their first transcript without charge. The fee is required in advance for each additional transcript.
Course Materials Fee $3 per course
The course material fee covers some of the cost of materials provided to students during the semester.
General Fee $40 per credit
The General Fee covers the cost of incidental services associated with matters pertaining to student welfare, campus life and the collegiate environment. This fee is non-refundable.
Graduation Fee $50

A Graduation Fee is charged upon application for graduation. An additional $10 is charged for multiple, simultaneous degree/certificate applications.

This fee may be waived if proof of current coverage is provided by the prescribed date. Insurance is also available to part-time students.

Late Payment Fee $50

A non-refundable late payment fee is charged to all students failing to pay by the prescribed date.

Online Course Fee $100 per online course

Return Check Fee $50

This fee is charged to the student for a check that is returned to Sussex from a bank for insufficient funds.

Student Services Fee $20 per credit

Covers the fees for athletics and campus activities

Technology Fee $25 per credit

Transcript Fee (the first one is free) $5 per request

A student may request an official transcript from the Registrar's Office. Students are entitled to their first transcript without charge. The fee is required in advance for each additional transcript.

Lab and Course Fees

Course Fee

Exercise Science Courses	$46
3 credit course Lab Fee	$140
4 credit course Lab Fee	$186
5 credit course Lab Fee	$232
Trade and Field Experience Courses	$186

Passaic County Community College Fees*

Nursing I Lab Fee	$2030*
Nursing II Lab Fee	$2030*
Nursing III Lab Fee	$2030*
Nursing IV Lab Fee	$2030*
Nursing IV Seminar Lab Fee	$270*
Nurse Clinical Fee	$1250*

Please note: Students will not be able to continue their education and/or receive grades or transcripts unless their financial obligations have been satisfied. Tuition and fees are subject to change. Additional lab and course fees may apply, please reference sussex.edu for up-to-date information.

* Fees are determined by Passaic County Community College.

Residency Requirement

In order to qualify for in-county status regarding tuition, a student is required to present evidence of his or her permanent Sussex County residence at the time of application.

Refund Policy

Students who withdraw from classes, in which they have been officially registered, offered by Sussex or one of its contracting institutions, shall be eligible for a refund in accordance with the refund schedule listed below provided the withdrawal procedure has been followed. (See Withdrawal from Classes Under Registration).

Students may file a Withdrawal Form (available in the Advising and Counseling Center) at the Office of the Registrar or in writing via their Sussex student email to registrar@sussex.edu. Requests must include student's name, Student ID number, semester, course, and the student's signature.

Please see the Academic Calendar for refund and withdrawal dates.

Methods of Payment

Students are encouraged to pay their semester bill online thru the student portal, my.sussex.edu, using their Student ID number and password. Online payments may be made by credit card or debiting a checking account (E-check). An installment payment plan is also available online for a $35 enrollment fee. Students may also pay their bill by mail or in person at the Bursar's Office.

Students receiving financial aid should check their my.sussex portal for awards and missing information. Any difference between the tuition and fee bill and financial aid award must be paid by the tuition due date prior to the start of each semester.

Financial Aid

- Student Portal
- Changes in Financial Circumstances and Unusual Situations - Request for Professional Judgment
- Other Aid
- Federal Financial Aid Programs
- State Financial Aid Programs
- New Jersey Scholarships and Grants
- Financial Aid Criteria
- Degree Programs
- Federal Student Aid Return Policy
- Institutional Charge Policy
- Charges - Educational Costs
- Additional Financial Aid Information

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Sussex County Community College recognizes that many families need assistance in meeting their educational costs. The College's financial aid programs assist students who would be unable to attend without financial help.

The College expects that students and their parents will contribute to the extent of their abilities toward meeting their educational costs. All students are encouraged to complete the Free Application for Federal Student Aid (FAFSA).

Financial aid is available to those who demonstrate need. Need is defined as the difference between what it costs to attend Sussex and what a student may reasonably be expected to contribute. Unless otherwise designated, all assistance offered by or through Sussex is awarded on the basis of financial need and satisfactory academic progress.

Sussex participates in all federal and New Jersey state aid programs. These programs include federal and state grants, as well as low-interest loans and campus employment opportunities. Students applying for financial aid are considered for all programs for which they are eligible.

When to Apply

Students should complete a FAFSA for each year after October 1st but before April 15th to be considered for maximum grant aid.

How to Apply for Financial Assistance

Follow the steps outlined below. The Financial Aid Office offers FAFSA Workshops for students who need assistance. Check the website for scheduled dates. Please allow enough time before the start of the semester to avoid missed deadlines.

1. Complete a Free Application for Federal Student Aid (FAFSA).
    a. The FAFSA is available online at StudentAid.gov.
    b. FAFSA Workshops are held once a week to assist with the FAFSA Application. Register online at sussex.edu/fafsaworkshops
    c. Use your FSA ID and password to sign for the student (and parent if applicable). Create your FSA ID and password at StudentAid.gov.
    d. Print a copy of the confirmation page for your records.
    e. **The Sussex School Code is 025688.**
2. If requested by the Financial Aid Office, provide an official final high school transcript, or High School Equivalency (HSE) Test. (faxes not accepted).

3. Eligibility for assistance is determined as a result of information submitted to the Federal Student Aid Processing Center on the Free Application for Federal Student Aid (FAFSA).

The Processing Center calculates an Expected Financial Contribution (EFC). The EFC is provided on the Federal Student Aid Report (SAR).

Federal Verification

After a student receives their Student Aid Report, he or she will be notified through their Sussex email if they have been selected for federal verification. If the student is selected for verification they will be required to do the following:

1. Complete the appropriate Verification Worksheet available on the Financial Aid website at sussex.edu/financialaidforms.
2. Submit a copy of the students and their parent's (if parental information was required) signed Tax Return or IRS generated Tax Return Transcript to the Financial Aid Office. Transcripts can be printed by accessing your records at www.irs.gov
3. Students should submit all other documentation as requested to the Financial Aid Office.

Student Portal

We strongly encourage students to use the My.Student Portal to view both their financial aid awards on their College Financing Plan as well as missing documents needed to complete their financial aid file. The student portal is available from my.sussex.edu.

Most of the required forms are available for download at sussex.edu/financialaidforms.

Changes in Financial Circumstances and Unusual Situations - Request for Professional Judgment

Students should notify the Financial Aid Office of any changes in their financial circumstances and unusual situations that may occur. Examples are loss of a job, reduction of non-taxable income, disability or death of a parent or spouse, separation or divorce, etc. All may have an effect on the students need for assistance. If the student's circumstances have changed, updates may be required to their application. Submit a request by completing the Request for Professional Judgment Form located on our website. In all cases, third party documentation is required.

Other Aid

Students are required to notify the Financial Aid Office and/or Bursar's Office when any outside financial assistance such as scholarships and/or third party funding is given to the student.

Federal Financial Aid Programs

There are several Federal programs that may be available for those who qualify, to help reduce the cost of education. The programs include grants, work study, and loans.

Federal Pell Grant (Pell)

The processed FAFSA will determine a student's eligibility for a Pell Grant. The grant value is dependent upon the FAFSA analysis and is sensitive to the course load taken. The grant could range from $652 to $6,095 annually. The grant could range from $672 to $6,495 annually.

Federal Supplemental Educational Opportunity Grant (SEOG)

This grant requires no additional application and is awarded to students via random selection, who show exceptional need. Awards range from $100 to $600 annually. Award amounts vary depending on the availability of funds.

Federal Work Study (FWS)

Federal Work Study is designed to provide employment for needy students. Earnings for services are paid on the 15th and last day of the month by automatic deposit and do not appear as a credit against school charges. Eligibility for the program is determined by the Financial Aid Office and priority is given to students demonstrating the most financial need.

Funding for FWS is provided by a yearly allocation from the federal government. Students may not earn more than the amount stated on their Work Authorization Form.

Students select an employment location from our job listings. FWS is part of the student's financial aid package, they will be referred to Human Resources for employment location and the date he or she will start to work. Employment follows the academic calendar and usually averages 10 to 20 hours per week. The College pays, but is not limited to paying, the prevailing minimum wage.

As part of the FWS, students may be able to participate in the Community Service Learning (CSL) program. Work is usually performed at an off-campus location, but must be in the public interest at a non-profit, community-based employer. In the CSL program students are employed in positions which are designed to directly improve the quality of life for community residents, particularly low-income individuals, or to solve particular problems related to their needs in areas such as health care, childcare, literacy training, education, and counseling.

As with all FWS students, the College determines if eligibility requirements have been met and matches the student to the work location. Supervisors schedule duties and work hours. In no case may the student exceed the budgeted amount of earnings set by the Financial Aid Office. Work hours in the CSL program could be up to the maximum of 20 hours per week. The employment contract is for one semester and may be renewed for a following semester as long as the student is enrolled.

William D. Ford Federal Direct Loan Program (Direct Loan)

The loan may be used to help cover costs not met by grant assistance. Subsidized maximum loan amounts for dependent students are $3,500 for the freshman year (one to 32 collegelevel credits earned) and $4,500 for the sophomore year (33 or more college-level credits earned). An additional $2,000 in an un-subsidized loan is available for dependent students.

Independent students may borrow more. Loans are not recommended and are to be used only if all other options are exhausted.

Students must complete the following before a loan can be awarded and disbursed.

1. FAFSA: StudentAid.gov
2. Entrance Counseling: studentloans.gov
3. Master Promissory Note: studentloans.gov
4. Sussex Direct Student Loan Request Form: sussex.edu/studentservices/financialaid/forms

Subsidized: A loan for which a borrower is not responsible for the interest while in an in-school, grace, or deferment status. Subsidized loans include Direct Subsidized, Direct Subsidized Consolidation Loans, Federal Subsidized Stafford Loans and Federal Subsidized Consolidation Loans. If you are a firsttime borrower on or after July 1, 2013, there is a limit on the maximum period of time (measured in academic years) that you can receive Direct Subsidized Loans. This time limit does not apply to Direct Unsubsidized Loans or Direct PLUS Loans. If this limit applies to you, you may not receive Direct Subsidized Loans for more than 150 percent of the published length of your program. This is called your "maximum eligibility period." Your maximum eligibility period is generally based on the published length of your current program. You can usually find the published length of any program of study in your school's catalog.

Unsubsidized: A loan for which the borrower is fully responsible for paying the interest regardless of the loan status. Interest on unsubsidized loans accrues from the date of disbursement and continues throughout the life of the loan. Unsubsidized loans include: Direct Unsubsidized Loans, Direct PLUS Loans, Direct Unsubsidized Consolidation Loans, and Federal Unsubsidized Stafford Loans, Federal PLUS Loans, and Federal Unsubsidized Consolidation Loans.

Dependent Students			
Academic Level	Annual Limit Subsidized	Annual Limit Additional Unsubsidized	Total Annual Limit
1st year (1-29 credits earned)	$3,500	$2,000	$5,500
2nd year (30+ credits earned)	$4,500	$2,000	$6,500
Note: Additional Unsubsidized Loan funds of up to $4,000 per year, (not included in chart) may be available for students whose parents are denied a Parent Loan for Undergraduate Students (PLUS)			
Independent Students			
Academic Level	Annual Limit Subsidized	Annual Limit Additional Unsubsidized	Total Annual Limit

1st year (1-29 credits earned)	$3,500	$6,000	$9,500
2nd year (30+ credits earned)	$4,500	$6,000	$10,500

Points to Remember:

- Exit Counseling is required before permanently leaving the campus (graduation or transfer to another college), dropping to less than half-time during a semester or taking a semester off. Visit StudentAid.gov to complete.
- Students have several repayment options to repay the loan. Payment schedules are set up with a servicer prior to repayment of the loan. Loans are made in the student's name only. It will be the students responsibility to repay their loan. It is recommended that all other avenues of assistance be explored before considering a Direct Loan

Typical Monthly Payments

The Sample Repayment Amounts chart is a projection of the approximate amount of monthly installments over different periods of time required to amortize various levels of indebtedness.

Sample Repayment Amounts						
	at 5.6%		at 6.8%		at 6.8%	
Total Borrowed	Monthly Payment	# of Payment	Monthly Payment	# of Payment	Monthly Payment	# of Payment
$2,500	$50.00	57	$50.00	58	$50.00	59
$5,000	$54.51	120	$55.51	120	$57.54	120
$7,500	$81.76	120	$83.26	120	$86.31	120
$10,000	$109.02	120	$111.02	120	$115.08	120

Student Loans Exit Counseling

Requirement All students who have borrowed funds through the Federal Stafford Student Loan Program are required to complete Exit Counseling upon graduation, transfer or enrollment dropping below half-time. Exit Counseling may be accomplished online at StudentAid.gov. Students should contact their servicer if they are experiencing difficulties in repaying their loan. Students have many options available including deferring payments. Please note that a deferment of both principal and interest is available to students in Peace Corps service, Domestic Volunteer Service Act service or Community Service at a tax exempt organization.

Parent Loan for Undergraduate Study (PLUS)

This is a loan to enable parents with good credit to borrow for their children who are enrolled in college on at least a halftime basis. Loans are at variable interest rates and could be for amounts up to the cost of education, minus any financial assistance for which the student is eligible.

State Financial Aid Programs

Regulations are subject to change. Contact the Financial Aid Office for details.

NJ Tuition Aid Grant

State grants are available to full-time students based on need. Grants range from $1,276 to $3,206 annually.

NJ Part-time Tuition Aid Grant

This state program is for students who take between 6 and 11 credits. Awards range from $610 to $2,130 annually depending on course load. As with all state aid, a Free Application for Federal Student Aid must be filed by the state deadlines.

Educational Opportunity Fund Grant

EOF grants are available to students from educationally and economically disadvantaged backgrounds who meet eligibility requirements. Award amounts vary depending on enrollment status, college costs and financial need. EOF grants are renewable annually based upon continued eligibility. Applicants must also contact the campus EOF director to apply for admission into the program. The college will determine the value of the grant.

NJ STARS

NJ STARS is a state program for students who graduate from a NJ high school and who rank in the top 15% at the end of their junior or senior year of high school. Reference the NJHESAA website at www.njgrants.org for up-to-date information and eligibility.

NJ CLASS

NJ CLASS is a state loan program for students and their families who are either NJ residents or are an out-of-state resident attending a NJ college. Please reference the NJHESAA website at njgrants.org for up-to-date information and eligibility.

New Jersey Scholarships and Grants

State Aid Deadlines (N.J. Residents only)

- Received TAG in the prior academic year - April 15
- Did not receive TAG in the prior academic year - September 15

Governor's Industry Vocations Scholarship (NJ-GIVS) for Women and Minorities.

This scholarship pays up to $2000 per year or up to the cost of tuition in an eligible certificate or degree program, less any federal, state or institutional financial aid. Funding is limited and awards are made on a first-come, first-served basis. To receive an award all eligibility must be met.

Law Enforcement Officer Memorial Scholarship (LEOMS)

This is a state grant for dependent children of New Jersey law enforcement officers killed in the line of duty. Must be enrolled full time in an undergraduate degree program. The award amount cannot exceed an amount equal to the recipients' annual cost of attendance that is not covered by any other scholarship, grant, benefit or assistance administered by HESAA.

NJ Volunteer Firefighters and Rescue Squad Program

This program is to aid volunteer firefighters and rescue squad members, their spouses, and dependent children. The value of the assistance is $600 annually, but may not exceed $2,400 over a four year period. Confirmation and eligibility must be provided through municipal letter. The program is for tuition costs only and the student is responsible for fees and books.

New Jersey World Trade Center Scholarship

This scholarship is for eligible dependent children and surviving spouses of New Jersey residents who were killed in the terrorist attacks on September 11, 2001 or later died from injury or exposure to the site. Students must be enrolled full-time and is limited to 8 years from the date of graduation or eight years from the date of the death of the spouse.

Survivor Tuition Benefits (STB)

This program is for eligible children and surviving spouses of New Jersey firefighters, emergency service workers or law enforcement officers killed in the line of duty. Students must be enrolled at least half time and will cover the cost of tuition only.

Financial Aid Criteria

Billing Procedures: The College expects that students will pay for their school expenses as they are incurred, i.e. per semester. It should be noted that financial assistance is applied first to tuition charges, then to required fees. Additional expenses such as laboratory fees, books, class trip expenses, and supplies may be covered with any remaining assistance.

Aid Disbursement: Fall and spring semester aid will be disbursed once attendance is confirmed for all classes. Summer aid will be disbursed once attendance is confirmed for all classes. First-time, first-year student loan borrowers will have their loan disbursement delayed for 30 days. Students who have single semester loans will receive two disbursements. Aid generally is electronically transferred to the College from federal, state, and private aid programs and from both federal and private loan programs. Using the College computer system, aid is released to the Bursar's Office for application against account balances. Credit balances are sent to the student by check, mail or by direct deposit.

Satisfactory Academic Progress for Financial Aid Recipients

In compliance with Final Program Integrity Rules published October 29, 2010, Sussex has adopted a policy concerning the Satisfactory Academic Progress (SAP) requirements for financial aid recipients. Federal and state regulations impose limits on how long a student may continue to receive Federal and State aid in order to make up deficiencies in meeting SAP standards.

A review of satisfactory academic progress is completed at the end of each semester/payment period. Summer terms are considered a semester/payment period; therefore satisfactory academic progress will be evaluated at the end of the summer session as well if the student enrolls and attends summer session(s). The evaluation period will be based on attendance in all prior semester(s) and will include all classes attempted whether federal aid was received or not.

Each student who receives either federal or state assistance (including student/parent loans) must make satisfactory academic progress toward the attainment of his or her degree or certificate as a condition of receiving financial aid.

To be considered making satisfactory academic progress a student must have a 2.0 CGPA (Cumulative Grade Point Average), and successfully complete a certain percentage of their credits (see chart)*. Students must keep within a maximum time frame which would be limited to no more than 150% of the published length of the program for undergraduate study. Please note that remedial and repeated coursework are counted in the cumulative GPA. This is why the cumulative GPA on a student's transcript may not match the cumulative GPA derived from the financial aid calculation.

Credits Attempted	Completion Rate
0-12	50%
13-18	60%
19 and greater	67%

Remedial Coursework

Remedial coursework is included in both the SAP completion rate and in the GPA calculation. Students may receive financial aid for developmental credits up to a maximum of 30 credit hours. ESOL courses do not count in this 30 credit hour limitation.

Repeated Coursework

If a student receives an "F" the first time he or she takes a course they may attempt the course again utilizing financial aid, in order to gain a passing grade. If a student has passed an attempted course with a "D" they make take the course utilizing financial aid once more to improve their "D" grade.

Repeated Coursework and Enrollment Status

Repeated courses may include any repetition of the course in a student's enrollment status for a term as long as the student has never passed the course. If the student passes the course, Sussex may include one repetition after passing the course. Any second or subsequent repetition of the passed course may not be included in the student's enrollment status for purposes of the Title IV, HEA, programs.

Transfer Credit

Sussex will count transfer credit hours that are accepted toward a student's educational program as both attempted and completed hours.

Change of Major

Students seeking second degrees and students with double majors are monitored like any other students under this policy. Students that change their major more than twice may affect their maximum timeframe. Coursework from a previous major will not count toward attempted credits.

If or when the student exceeds the maximum time frame allowed for their respective programs, students may appeal if they have mitigating circumstances. All transfer hours accepted by Sussex will be included when determining maximum timeframe eligibility.

New Terminology

Financial Aid Warning is a status assigned to a student who fails to make satisfactory academic progress at a school that evaluates academic progress at the end of each payment period, and chooses to allow students who fail progress standards to continue to receive aid. This is for one semester.

Financial Aid Probation is a status assigned to a student who fails to make satisfactory academic progress and who has appealed and has had eligibility for aid reinstated. This is for one semester.

No Aid Status (Suspension) is a status assigned to a student who fails to make satisfactory academic progress after a semester of warning. The student may appeal this status. See appeals process below.

Academic Plan is a plan of action that will help the student achieve minimum satisfactory academic progress. The Academic Plan is the result of the appeals process.

The Process

Warning

Students not making satisfactory academic progress after their first semester will be placed on a Warning and notified accordingly. A Warning allows a student to continue to receive Title IV and State aid automatically. This Warning period lasts for only one semester.

If after the Warning period the student still does not meet SAP standards, the student loses financial aid eligibility but has the right to appeal. Sussex may choose to reinstate federal and state eligibility based on the appeal.

The Appeals Process

The circumstances under which a student would be permitted to submit an appeal are: death of a relative, injury or illness of the student, or other special circumstances.

A student will be required to submit an appeal form along with a letter explaining why the student failed to make SAP, what has changed in the student's situation that would allow the student to demonstrate satisfactory academic progress at the next evaluation and should include any supporting documentation.

An appeal may be approved only if the school has determined that the student will be able to meet SAP standards after the subsequent semester/payment period.

Academic Plan

Part of the successful appeals process will be the development and acceptance of an Academic Plan. The Academic Plan is set up to help the student meet the minimum standards for academic progress.

At the end of the semester of probation, the Financial Aid Office will determine if the student is meeting the minimum standards for satisfactory academic progress.

1. If the student is meeting the minimum standards for satisfactory academic progress the student will no longer be considered on a probation status for financial aid.
2. If the student is not meeting the minimum standards for satisfactory academic progress, the Financial Aid Office will determine if the student met the terms of his/her academic plan.
    a. If the terms of the plan are met, the student will be eligible to continue on a probation status for financial aid.
    b. If the terms of the plan are not met, the student will be ineligible for financial aid until the student is meeting the minimum standards of satisfactory academic progress on a self-pay basis.

Probation

Once the appeal is granted and an academic plan is created, the student is then placed on Financial Aid Probation. A student on Financial Aid Probation may receive federal and state funds for one payment period. If after the one semester of Probation the student still does not meet SAP standards, the student will lose financial aid eligibility, however, if the terms of the academic plan are met, the student will be eligible to continue on a probation status for financial aid.

Regaining Financial Aid Eligibility

- A student who has lost financial aid eligibility may regain eligibility after taking classes at his/her own expense (selfpay) and meeting minimum requirements of 2.0 GPA and a completion rate in accordance with the completion rate chart within the 150% time frame.
- It is the student's responsibility to notify the Financial Aid Office when these conditions have been met.
- All classes (including those taken at other institutions) will be taken into consideration for reinstatement purposes.
- Students who exhaust the 150% time frame may appeal if they have mitigating circumstances.

How to Keep Financial Aid Eligibility

What Happens	Your Financial Aid Status	What you need to do
If your GPA drops below a 2.0	Warning - You may continue to receive financial aid for one semester	Raise your GPA to a 2.0 or higher.
Or, if your overall completion rate is less than these criteria; Completion Credits Rate 0-12 50% 13-18 60% 19 and greater 67%	Warning - You may continue to receive financial aid for one semester.	Raise your completion rate per the chart to become eligible for financial aid.
After you have exhausted your semester of Warning, if your GPA remains below a 2.0 and/or your overall completion rate is less than the criteria stated above.	Removal of financial aid	You can appeal if you have mitigating circumstances. If your appeal is approved you will need to successfully complete the academic plan associated with your appeal.
If you attempt over 150% of your program of study (major)	Suspended - You are not eligible for financial aid	You can appeal if you have mitigating circumstances. If your appeal is approved you will need to successfully complete 100% of all classes and required to maintain an overall GPA of 2.0 or higher.
If you have completed your semester of probation and have not successfully completed the academic plan associated with your appeal.	You are not eligible for financial aid	You can regain eligibility after taking classes at own expense and meeting minimum requirements of 2.0 GPA and a completion rate in accordance with the chart within the 150% timeframe.

Completion Rate Worksheet:		
	Enter your hours	Sample
Total Credit Hours Earned	_____	25
divided by	/	/
Total Credit Hours Attempted	_____	35
Equals	=	=

Completion Rate	———————	71.4%

Degree Programs

A student (i.e., one who is not taking developmental courses) must complete his or her associate degree program after attempting no more than 150% of the total hours required in the program.

All hours attempted including repeated course work are counted whether or not financial aid was received.

Federal Financial Aid Review is completed at the end of each semester.

Federal Student Aid Return Policy

The Higher Education Act of 1998 has revised the way the College must manage the Return of Federal Aid Funds whenever the student stops attending all classes, officially withdraws from all classes, or is dismissed while classes are in progress. For courses that span an entire semester (Full Term Fall and Spring semester courses), federal funds may only be fully utilized after the student completes the first 60% of the term (in days), any withdrawals or stop-outs within the first 60% of the term will necessitate an award adjustment. Students who withdraw from courses delivered in modules (Early Finish, Delayed Start, Late Start, and all Summer sessions), must complete an equivalent portion of the modules in which they are enrolled. The exact calculation will depend upon the student's combination of modules. Contact the Financial Aid Office for more information when withdrawing from courses delivered in modules.

Should the student find that he or she cannot complete the term, he or she must immediately notify the Financial Aid Office PRIOR TO WITHDRAWAL. Failure to attend classes or to officially WITHDRAW IN WRITING will result in the student being billed for tuition and fees. The student's financial aid may be reduced or withdrawn and the student may jeopardize their eligibility for future assistance.

If it is necessary for Federal Aid to be returned, it will be accomplished in the following order:

1. Unsubsidized Stafford Loan
2. Subsidized Stafford Loan
3. Federal Plus Loan
4. Pell Grant
5. Supplemental Educational Opportunity Grant
6. Other Title IV Programs (Refunds are not required for the Federal Work Study Programs.) Note: If no formal letter of withdrawal has been filed, the College will use the last documented attendance date as the ending date of instruction.

The following example is provided for clarification:

Example: You are a full-time, credit hour student, and, through circumstances beyond your control, you stop attending classes. (You must notify the Financial Aid Office of your withdrawal.) You attended classes for 70 days of a 125 calendar day semester. This means that you are entitled to use 56% of your Federal Aid to pay your bill (70/125=56%). If you had received a Federal Pell Grant of $1500, $840 could be used to pay against your bill and $660 would be the required return to the Federal Aid Program.

Institutional Charge Policy

Students who withdraw, drop out or are expelled from the College during either Fall or Spring semesters will have their tuition bill adjusted according to the following schedule:

1. After the first (1st) day of class, through to the end of the second (2nd) week of class, 100% refund (effective Spring 1 Please check with the Bursar's Office to be sure of the date.) of tuition charged.
2. After third (3rd) week of class, no refund of tuition.
3. After the second (2nd) week of class, no refund of tuition.

Summer and winter terms have abbreviated refund periods. Please see the published Academic Calendar for actual refund dates.

State funds will be returned to the appropriate programs in the following order:

1. NJ Tuition Aid Grant Program (TAG).
2. NJ Part-time Tuition Aid Grant Program.
3. NJ STARS Program.

After Federal and State aid program funds have been returned, refunds will be made to any off-campus scholarship/grant programs and/or Sussex County Community College programs. If a credit balance remains on account after this process has been completed,

a pass-through of funds will be made to the student to cover non-billed educational expenses.

Charges - Educational Costs

Direct Costs - Amounts that must be paid to the College. (See Tuition and Fees).

COST OF ATTENDANCE		
Dependent Students (based on 24 credits)		
	In County	Out of County
Tuition	$3,360	$5,040
Fees	$2,064	$2,064
Books	$1,481	$1,481
Room and Board	$4,155	$4,155
Transportation	$2,100	$2,520
Miscellaneous	$2,400	$2,400
Total	$15,560	$17,660

COST OF ATTENDANCE		
Independent Students (based on 24 credits)		
	In County	Out of County
Tuition	$3,360	$5,040
Fees	$2,064	$2,064
Books	$1,481	$1,481
Room and Board	$5,342	$5,342
Transportation	$2,100	$2,520
Miscellaneous	$2,400	$2,400
Total	$16,747	$18,847

Figures were developed for full-time students and show annual budgets for a nine month school year.

These in-state/in-county budgets are provided for your information. Your actual budget for school costs may vary. The budgets for out-of-county, out-of-state, and Pennsylvania students are significantly different. If you have questions about your cost of education, you're encouraged to contact the Financial Aid Office.

Award Revisions

Financial aid awards may be adjusted due to changes in the students enrollment status, academic progress, governmental allocations, etc. If a change becomes necessary, he or she will be notified and a new award notice provided.

The student may request a review of his or her award by calling the Financial Aid Office to make an appointment. If the student feels that they have a unique situation that was not addressed or they just wish to talk, please be sure to call. Students are encouraged to contact the Financial Aid Office if they have any questions as to how their assistance affects their bill. (In exceptional circumstances, special payment arrangements may be made by contacting the Bursar's Office. All checks should be made payable to Sussex County Community College and not to any individual).

Additional Financial Aid Information

Full details about federal and state assistance programs can be found at StudentAid.gov and Financial Aid Programs for NJ Students at www.njgrants.org.

Students are encouraged to refer to the Financial Aid portion of the website.

Sussex offers limited financial assistance through the generosity of outside donors. The process requires separate application to the Sussex Foundation. Essays and interviews are normally required. Awards are directed to students in specific academic areas and are issued to students with a strong Sussex achievement record. Award amounts vary. Interested students are urged to contact the Advising and Counseling Center for more information.

General Education Requirements

All degree programs at Sussex require the student to complete a certain number of general education courses in addition to specific courses that comprise the student's major program of study. Among other things, general education courses provide college graduates with the knowledge and skills needed to communicate well, use technology, understand scientific developments and function effectively as members of an educated society.

In New Jersey, all community colleges require students to complete a variety of general education courses in the categories listed below. Each degree program at Sussex is carefully designed to include the appropriate number and type of general education courses and it is important for the student and the advisor to adhere closely to the prescribed curriculum so that all of the general education requirements are met by the time of graduation. Specific courses that can be used to meet general education requirements in each category are listed on the following pages. Questions about general education requirements should be directed to the student's academic advisor.

- Written and Oral Communication in English
- Mathematics
- Science
- Technological Competency or Information Literacy
- Social Science
- Humanities
- Historical Perspective
- Global and Cultural Awareness (Diversity)
- Liberal Arts Electives
- Literature Electives

Foundation Courses

Sussex County Community College requires the following courses to be taken at key points in a student's two-year College experience:

Foundations for Success is a three-credit course designed specifically for incoming Sussex Freshmen. All students are required to take this course within their first or second semester. *Foundations for Success* is part of a comprehensive program that initiates students into the rigor of college academics and the responsibility of college student life. Instructors are trained to facilitate topics that have proven to be vital to entering college students. The course provides an introduction into the intellectual, social and emotional transition of going from high school to college, or from the workforce into college life.

This is a student-centered course covering numerous strategies to encourage students to become active and empowered learners and to make the most of their college experience. Students will obtain information about college life and develop strategies and techniques to enhance success in their academic, personal and professional lives. The course is infused with opportunities to understand, practice and implement critical thinking. Students will also gain practical information to help prepare to transfer to a four year university or enter the workforce directly. National research demonstrates that there is a positive correlation between participation in a first year seminar course and higher graduation rates, higher grade point averages and engagement in campus life. Topics covered are transitioning to college, careering, time management, college information/technology resources, financial management, wellness, academic planning, diversity, campus/community involvement, transferring to a four year college, etc.

The *Capstone* courses are designed specifically for sophomores with 45 credits or more who are approaching graduation. The Capstone program offers students the opportunity to work with an Sussex professor to prepare for transfer to a four year school or to enter the workforce and find a position in their chosen field. There are seven different, onecredit, Capstone courses for students to choose from, depending upon their declared major:

- College Capstone for Liberal Arts
- College Capstone for Business, Science and Technology
- College Capstone for Criminal Justice
- College Capstone for Film Study
- College Capstone for Computer Science and Information Systems
- College Capstone for Biological and Clinical Studies
- College Capstone for Math, Physical Science & Engineering

Placement Using Sat, Act or Accuplacer Scores

PLACEMENT USING SAT, ACT OR ACCUPLACER SCORES		
Based on placement testing results students will be eligible to register for Sussex courses as follows:		
English & Reading	**Score**	**Initial Placement**

SAT - Evidenced Based Reading and Writing ACT - English Accuplacer-WritePlacer **OR** Accuplacer-WritePlacer Accuplacer-Sentence Skills Accuplacer-Reading Comprehension	450 or higher 23 or higher 6 & Above 5 & Scores for: 88 or higher **OR** 83 or higher	**College-Level Courses:** ENGL101 English Composition I, or any college-level course without an additional prerequisite
Accuplacer-WritePlacer Accuplacer-Sentence Skills & Reading (SS&R)	4 or 5 & *Combined Scores in SS&R* 119 - 169	**Critical Reading & Writing II** ENGL011 Reading/Writing
Accuplacer-WritePlacer & Reading Accuplacer-Sentence Skills	4 & below and 117 or below	**Critical Reading & Writing I** ENGL009 Reading & Writing I
Many Science, Business and Computer Science courses also require		
Mathematics	**Placement Score**	**Initial Placement**
SAT - Mathematics ACT - Math Accuplacer-Elementary Algebra	500 or higher 23 or higher 76 or higher	**College Level Mathematics:** MATH104 Contemporary Math **OR** MATH106 Concepts **OR** MATH210 Statistics
Accuplacer-Mathematics Accuplacer-Mathematics	0 - 68 69 or higher	**Developmental Mathematics:** MATH010 Basic Mathematics MATH015 Introductory Algebra I **OR** MATH023 Basic Algebra
Elementary Algebra	20 - 47 48 - 75	MATH015 Introductory Algebra I **and** MATH017 Algebra II MATH023 Basic Algebra
College-Level Mathematics	0 - 49 50 - 68 69 or higher	MATH040 Intermediate Algebra MATH110 Pre-Calculus I MATH113 Calculus I
** In addition to a CLM score of 69 and above, students should have one semester of Trigonometry for MATH113 OR should take MATH112, Pre-calculus II before beginning MATH113. <u>Please Note:</u> Testing criteria is subject to change. Please consult with a counselor for current information.		

Registration

- [Adding and Dropping Courses](#)
- [Family Education Rights and Privacy Act (FERPA) Record](#)
- [Graduation](#)
- [Transcript and Transfer Information](#)

Academic (B) Building • 973.300.2215/2219

Adding and Dropping Courses

Courses may be added only through the first five days of the fall and spring semesters and dropped through the first ten days of the fall and spring semesters, or equivalent time for a summer, short term, and winter term (see the Academic Calendar for the exact dates each semester). Students can add and drop courses through the student portal until the end of the 100% refund period. Students may complete an official Add/Drop form and submit this form to the Registrar's Office, email from their Sussex email account or withdraw by mail or fax with a request bearing an original signature. The postmark on such written notification will be used to determine the percentage of the refund if any. dropped courses are removed from the transcript and thus do not count towards enrollment, financial aid, deferrals, health insurance, and athletic eligibility.

Add/Drop days are pro-rated for sessions less than a full fall or spring semester.

Students who neglect to follow official procedures and who stop attending classes will be assigned the grade of "F.N." at the end of the semester or term. To avoid unnecessary costs and penalties, students are advised to discuss all Add/Drop procedures with their advisor. Students may withdraw from a class during the published withdrawal period but withdrawal procedures must be strictly followed. No refunds are available past the posted refund policy deadline.

Students receiving financial aid must stop in the Financial Aid Office to determine if the drop/withdrawal will have any effect on aid.

Withdrawal from Classes

A student planning to withdraw/drop from Sussex classes must do so in writing. Any student who does not withdraw/drop-in writing before the posted refund calendar dates (see Academic Calendar for the exact date each semester) will be liable for payment of full tuition and fees. Failure to attend class does not constitute an official withdrawal. Students may email from their Sussex email account or withdraw by mail or fax with a request bearing an original signature. The postmark on such written notification will be used to determine the percentage of refund, if any. Full payment of tuition and fees and an "F.N." grade may result if written notification is not provided to the Registrar's Office.

Withdrawal Forms are available in the Advising & Counseling Center and must be filed in the Registrar's Office.

For students utilizing financial aid (grants, loans, scholarships), it is strongly encouraged that you check with the Financial Aid Office to determine the effect on your financial aid status before making a withdrawal.

No Shows (Administrative Withdrawal)

Students who are "No Shows" (defined as not attending class throughout the first ten days of a semester, or equivalent for a shorter term, as indicated by the faculty on the tenth-day roster or equivalent roster), will be dropped from the class. This drop will be the same as a student-initiated drop and will not appear on the student's transcript. The student will be notified via email.

A dropped class may affect the enrollment status of a student (i.e., dropping from full-time to part-time). A student who fails to notify the College of non-attendance will be charged a $50 per course Administrative Withdrawal fee.

Reinstatement to a class from which a student has been dropped as a "No Show" will require the student to contact the faculty member for approval to be reinstated. The faculty member must email registrar@sussex.edu to acknowledge the student is attending the course.

Reinstatement requests must be emailed to the Registrar's Office registrar@sussex.edu by the date indicated on the "No Show" notification letter from the Registrar.

Medical Appeal

Students who withdraw from all classes due to severe medical circumstances may qualify for a 50% tuition credit (fees not included) or a 50% cancellation of tuition debt (fees not included). Financial aid students should contact the Financial Aid Office to review the impact on their aid. Please go to the Registrar's Office (B217) for the most updated policy and procedures.

Deadline for submission of medical documentation:

Fall semester: May 31

Spring semester: August 31

Winter semester: May 31

Summer semesters (all): December 31

Graduation

All students MUST apply for Graduation

Students anticipating graduation MUST file a graduation application (whether or not you are planning on participating in the commencement ceremony) available at the Registrar's Office or on sussex.edu/graduation. There is a $50 Application. Beginning January 2022, there will be no fee.

There are three graduation dates per year, January, May, and August. Only one commencement ceremony is conducted and that is held in May. Students wishing to participate in the May ceremony must apply by March 1st.

APPLICATION DEADLINES

- January graduates: Apply by December 1st
- May graduates: Apply by March 1st
- August graduates: Apply by July 1st

Students are strongly urged to file their applications early in the preceding semester. Students filing early will have a documented review of their credentials and any outstanding coursework to guide them through the registration process.

Graduation Requirements:

- Students are subject to the academic requirements set forth in the catalog/check sheet in use during the year they entered the College. When a student declares or changes their program/ major the requirements of the program/major that are in effect at that time will apply, as set forth in the College Catalog.
- Students will be invited to the May commencement ceremony of the year they apply. Students who apply late may miss the opportunity to participate in the May commencement ceremony. Students participating in the May ceremony will become graduates upon successful completion of all program requirements.
- Degree candidates are required to satisfy all prerequisites courses.
- Students must complete all required course work with no less than a cumulative 2.0 average.
- Students must fulfill all graduation requirements, including the Foundations for Success and the Capstone Course for their program.
- Students should check with their advisors or the Advising & Counseling Center to determine specific responsibilities.

Students with outstanding obligations to the College will not receive transcripts or a diploma until such obligations have been satisfied. Outstanding obligations may also prevent a student from registering for classes.

Academic Distinction at Graduation

Honors are conferred upon a degree completion to students who have demonstrated outstanding work throughout their Sussex career.

The awards are based on the following scale:

Highest Honors	3.90-4.00 grade point average
High Honors	3.75-3.89 grade point average
Honors	3.50-3.74 grade point average

To be eligible upon degree completion, a student's academic record must show no repeated college credit courses, at least 50% of the degree requirements must be earned at Sussex and no grades below "C." This is notated on the transcript.

Certificate and Certificate of Achievement candidates do not qualify for honors at graduation.

Family Educational Rights and Privacy Act (FERPA)

Annually, Sussex County Community College informs students of the FERPA Act of 1974, as amended. This Act was designed to protect the privacy of educational records.

FERPA affords students certain rights with respect to their education records.

These rights include:

1. The right to inspect and review the student's education records within 45 days of the day the College receives a request for access.

   Students should submit to the Registrar written requests that identify the records they wish to inspect. The College official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the Registrar, that official shall advise the student of the correct official to whom the request should be addressed.

2. The right to request the amendment of the student's education records that the student believes are inaccurate or misleading.

   A student should submit a written request to the College official responsible for the record, clearly identify the part of the record they want to be changed, and specify why it is inaccurate or misleading. If the College decides not to amend the record as requested by the student, the College will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3. The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.

   One exception, which permits disclosure without consent, is disclosure to school officials with legitimate educational interests. A school official is a person employed by the College in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the

College has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility. Upon request, the College may disclose education records without consent to officials of another school in which a student seeks or intends to enroll.

Sussex has designated certain information in the education records of its students as directory information for the purposes of FERPA. Directory information will be released at the discretion of the College and without the consent of the student unless the student informs the Office of the Registrar in writing within the first ten class days that any or all such information about him or her is not to be made public without his or her written consent.

The following is considered directory information at Sussex: name, address, major, sports participation, height and weight of the sports team members, dates of attendance, full or part-time enrollment status and degrees, honors, and awards received. Information will be made available to the parents of a student only when written permission is received from the student.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by Sussex County Community College to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, S.W. • Washington, DC 20202-4605

Copies of a more detailed policy statement may be obtained at the Registrar's Office.

Transcript and Transfer Information

Transcripts

A transcript is the official record of a student's academic performance. Students may request official transcripts to be sent to other institutions, for scholarships, and to employers. Students may also request an unofficial transcript for their personal use. Students enrolled may also access their records and print out an unofficial transcript through the password-protected student portal at my.sussex.edu.

Transcripts can be sent electronically from the website at sussex.edu/transcript and click on *Request Your Transcript*. You will be brought to the National Student Clearinghouse site to complete the request for a transcript. There is a $5.50 fee for all transcript requests. If you do not want to request your transcript electronically, you can request a paper transcript to be mailed. The transcript request form is located on our website at sussex.edu/transcript. Transcripts cannot be faxed or emailed.

Normally, official transcripts are sent directly from the Registrar's Office to the other college. Sussex may provide, under special circumstances, an official transcript in a sealed envelope marked "Official transcript issued in a sealed envelope. Void if the seal is broken," provided the name of the receiving institution is submitted with the request.

Transfer Credit Procedure (Transferring to Sussex)

Students seeking transfer credit to Sussex should follow the procedure outlined below:

1. A student wishing to transfer credits to Sussex must submit an Application for Admission, have official transcripts from previous colleges sent directly to the Registrar's Office, and be registered for classes. Upon registration, an official evaluation will be done and a report will be sent to their Sussex student email.
2. Sussex will accept a maximum of 50% of the credits required for a degree (A.A., A.S. or A.F.A.) or certificate or up to 39 credits for an A.A.S. degree earned at other institutions, by experiences and/or by examination (CLEP, A.P., or Challenge) in order to complete requirements for a degree from SCCC. If science and computer courses are older than eight (8) years, students will be required to repeat them. (For the PCCC Nursing Program there is a five-year limit on science courses, from the date of the course completion.)
3. These credits will be entered in the Credits Earned column of the transcript and will not affect a student's quality point average.
4. Transfer credits earned at other institutions are entered on the transcripts only after a student has been accepted and matriculated in a curriculum.
5. A minimum grade of "C" or its equivalent is required for transfer credit to be applicable to a student's certificate or associate degree curriculum.

6. Special accredited courses and other training will be evaluated (i.e., Ponsi, banking, A.C.E., military) on an individual basis.
7. International students must have their foreign transcripts translated and evaluated into U.S. equivalents by a National Association of Credential Evaluation Services (NACES) member.

Transferring from Sussex

At Sussex, we prepare students to transfer to the top colleges and universities in New Jersey and across the nation. As a result, more than 70% of Sussex graduates continue their education. Students who plan to transfer should work closely with the Transfer Counselor.

Statewide Transfer Agreement

Students can seamlessly transfer their academic credits from a completed community college Associate in Arts (A.A.) or Associate in Science (A.S.) degree to a baccalaureate degree program at New Jersey's public four-year colleges and universities. The NJ Chapter 175 establishes a statewide transfer agreement that provides the seamless transfer of these academic credits. The law guarantees that the transfer-designed associate degrees (A.A. and A.S.) earned at any of the state's 18 community colleges *"shall be fully transferable and credited as the first two years of a baccalaureate degree program at the four-year public institution of higher education in the State to which a student is admitted."* The full statewide transfer agreement approved by the transfer legislation can be found on the N.J. Transfer website.

While the law does not cover New Jersey's private colleges and universities, many of those institutions have established policies that allow community college graduates to transfer with full junior standing for A.A. and A.S. degree holders from N.J. community colleges. The law does not provide any guarantees of admission and students must select an appropriate associate degree for their particular major. Students must also fulfill any prerequisite courses required for admission.

N.J. Transfer allows students to see how their community college credits will transfer to many public and private New Jersey four-year colleges and universities. Under the Student tab, choose Transcript Evaluation.

Students who plan to transfer to another institution should work closely with the Transfer Counselor to ensure that their courses and majors meet the standards of the Agreement.

Transfer Articulation Agreements

Sussex has established Transfer Articulation Agreements with many private four-year colleges and some of the public colleges for specific programs of study. Those colleges include Cedar Crest College, Centenary College, Drew University, College of Saint Elizabeth, Fairleigh Dickinson University, East Stroudsburg University, Felician University, John Jay College of Criminal Justice, Montclair State University, Marywood University, New Jersey Institute of Technology, Ramapo College, Rutgers University-Newark, Suny Canton, Suny Cobleskill, and William Paterson University. For the academic programs that Sussex offers, see Transfer Agreements.

Tuition

Sussex County Residents and Veterans	$140 per credit
North Warren High School Residents	$140 per credit
Out of County/State Residents	$210 per credit
Monroe, Pike, Wayne County (PA), Orange County (NY)	$210 per credit
Other Out-of-State Residents/International Students	$280 per credit

Auditing Classes same as regular fees.

Sussex County residents 65 years and older are entitled to free tuition and fees for eligible college-level courses offered by Sussex. College lab fees are paid by the applicant at the time of registration for applicable classes. In lieu of full waiver, Sussex requests a minimum $50 donation per class toward "Student Scholarships".

These conditions apply:

a. the class must be eligible for the senior citizen free tuition (enrollment excludes trade or field experience courses, as well as some Lab courses);
b. paid enrollment warrants the course being conducted;
c. there must be sufficient space available in the class; and

d. registration for the course must occur only during the final two business days before the start of the semester. Applicants who opt to register earlier are not eligible for free tuition.

Applicants may take the course for college credit or may choose to audit the course. Applicants must register in person during the specified registration time and present proof of eligibility.