

ASSOCIATE IN SCIENCE (A.S.)

A.S. Programs at EFSC

A

- [Accounting Technology](#)
- [Aerospace Technology](#)
- [Aviation Maintenance Administration](#)

B

- [Business Administration](#)
- [Business Administration, AS to BS/BAS University Transfer Specialization](#)
- [Business Administration, Human Resources Specialization](#)
- [Business Administration, Management Specialization](#)
- [Business Administration, Marketing Specialization](#)
- [Business Entrepreneurship](#)

C

- [Chemical Technology](#)
- [Chemical Technology, Biomedical Technology Specialization](#)
- [Chemical Technology, Chemical Technology Specialization](#)
- [Chemical Technology, Engineering Specialization](#)
- [Computer Information Technology](#)
- [Computer Information Technology, Database Administrator Specialization](#)
- [Computer Information Technology, Geographic Information Systems \(GIS\) Specialization](#)
- [Computer Information Technology, Help Desk Specialization](#)
- [Computer Programming and Analysis](#)
- [Computer-Aided Drafting and Design](#)
- [Crime Scene Technology](#)
- [Criminal Justice Technology](#)
- [Cybersecurity & Network Systems](#)

D

- [Dental Assisting Technology and Management](#)
- [Dental Hygiene](#)
- [Diagnostic Medical Sonography](#)

E

- [Early Childhood Education](#)
- [Educational Technology Assistant](#)
- [Emergency Medical Services](#)
- [Engineering Technology](#)
- [Engineering Technology, Advanced Manufacturing Specialization](#)
- [Engineering Technology, Advanced Technology Specialization](#)
- [Engineering Technology, Electronics Specialization](#)

F

- [Fire Science Technology](#)

G

- [Graphics Technology](#)

H

- [Healthcare Navigator](#)

I

- [Interactive Media Production Technology](#)

M

- [Medical Assisting Advanced](#)
- [Medical Laboratory Technology](#)

N

- [Nursing RN](#)

O

- [Office Management](#)
- [Office Management, Administrative Specialization](#)
- [Office Management, Medical Office Specialization](#)

P

- [Paralegal Studies \(Legal Assisting\)](#)
- [Paralegal Studies \(Legal Assisting\), General Specialization](#)
- [Paralegal Studies \(Legal Assisting\), Litigation Specialization](#)
- [Paralegal Studies \(Legal Assisting\), Transactional Specialization](#)
- [Physical Therapist Assistant](#)

R

- [Radiography](#)
- [Respiratory Care](#)

S

- [Social and Human Services](#)
- [Social and Human Services, Aging Services Specialization](#)
- [Social and Human Services, Domestic Violence Services Specialization](#)
- [Surgical Technology Services](#)

T

- [Transportation and Logistics](#)

V

- [Veterinary Technology](#)

Specializations:

Several EFSC associate in science degrees have multiple specializations. Students must follow one specialization, and may receive the specific degree only one time. Transcript will be posted with the degree name, not the specialization. While students may take courses from more than one specialization, the specific degree will be awarded only once.

General Information

The Florida Department of Education (FLDOE) offers an Associate in Science (A.S.) degree as a two-year program at Florida colleges. The A.S. degree prepares students for careers in high-demand fields.

- The A.S. degree is designed to prepare students for direct entry into the workforce.
- Some programs offer transfer options into related bachelor's degree programs.
- The A.S. degree is geared toward science and technical fields.
- The A.S. degree program includes general education core courses and career-specific courses.
- Students should meet with an academic advisor to discuss their academic and career goals.

Transferring with an A.S. degree

- Students may continue into an EFSC baccalaureate degree with an A.S.
- Many Florida college baccalaureate programs access the A.S. degree in 2+2 transfer.

College Credit Certificates (CCC): Many of the A.S. degrees have imbedded College Credit Certificates that can be earned independently or while completing the A.S. These certificates can generally be completed in one year or less.

Specializations: Several of the degrees have specializations. Student must select one specialization to follow, and will receive the designated "parent" A.S. degree upon graduation. While students may take additional courses from more than one specialization, the specific degree will be awarded only once.

Students should also be aware of the following:

- [Academic Communities \(Meta Major\)](#)
- [Core Courses](#)
- [Civic Literacy Graduation Requirement](#)
- [Digital Badging](#)
- [Governing Catalog and Continuous Enrollment](#)

A.S. Course Requirements

Associate in Science (A.S.) programs require a minimum of two years of study. Programs contain a minimum of 15 credit hours of General Education Core courses and a minimum of 45 credit hours of career specific courses.

In the degree program, students will take courses in two basic areas:

1. Major Courses: These are specialized courses in the program you choose. For instance, students who are going to study business administration will be taking specialized courses such as business, marketing, and accounting.

2. General Education: General education courses are designed to help the student become a well-rounded individual. Courses in general education, such as English composition and mathematics, will enhance overall employment potential.

It is very important that students meet with an academic advisor to plan their schedule to efficiently facilitate completion of the A.S. degree program. Some programs require students to complete technical courses in a specific sequence to ensure learning is maximized. Additionally, courses in A.S. degree programs may only be offered on certain campuses and/or may be offered only during a specific semester.

General Education Core Course Requirements

All A.S. degree seeking students are required to complete at least one core course from each of the five general education subject areas: Communications, Mathematics, Humanities, Social Sciences, and Natural Sciences, with a grade of "C" or higher.

- Some degrees specify which general education courses the student must take. If not specified, student may select any course from the respective area below. All courses must be completed with a grade of "C" or higher. Equivalent honors-level courses may be used in any area.

Core Course List

Below are the designated Core courses at Eastern Florida. Courses with an honors option or general education courses with a Core course prerequisite will also satisfy the requirement, provided they are completed with a grade of "C" or higher. Contact your advisor with any questions. Visit the [CORE Courses website](#) for more information.

Written Communications: 3 Credits

- ENC 1101 Composition 1

Humanities: 3 Credits

Code	Title	Credit Hours
ARH 2000	Art Appreciation	3
HUM 1020	Introduction to the Humanities	3
LIT 1000	Introduction to Literature	3
MUL 2010	Survey of Music Literature	3
PHI 2010	Introduction to Philosophy	3
THE 2000	Theatre Appreciation	3

Mathematics: 3 Credits

Code	Title	Credit Hours
MAC 1105	College Algebra	3
MAC 2311	Calculus 1 with Analytic Geometry	5
MGF 1130	Mathematical Thinking	3
STA 2023	Statistics	3

Natural Science: 3 Credits

Code	Title	Credit Hours
AST 1002	Introduction to Astronomy	3
BSCC 1005	Fundamentals of Biology	4
BSCC 1010	General Biology 1	4
CHM 1045	General Chemistry 1	3
EVR 1001	Introduction to Environmental Science	3

GLY 2010	Introduction to Physical Geology	3
OCE 1001	Oceanography	3
PHY 2048	General Physics 1	4
PHYC 2053	College Physics 1	4

Social/Behavioral Science/Core-Civic Literacy: 3 Credits

Students must select one course from the following to satisfy the [Civic Literacy graduation requirement](#). These courses also satisfy the FLDOE Core Course Requirement.

Code	Title	Credit Hours
AMH 2010	US History to 1877	3
AMH 2020	US History Since 1877	3
POS 2041	American National Government	3

- AMH 2010 must be taken in fall 2024 or later to satisfy the civic literacy course requirement

A.S. Admission Requirements

- Complete an online *Application for Admission* and pay the EFSC application fee.
 - An additional application to the specific program may be required if it is limited access.
- Students must hold a standard high school diploma or equivalent
- Have your official transcripts from high school and all regionally accredited postsecondary institutions sent to EFSC.
- Submit placement test scores.
 - All new (first time in college) students must meet the entry-level assessment requirements for placement into reading, writing and mathematics courses prior to registration. Visit the [Placement Testing](#) website for more information and FAQs.
- Complete the *Florida Residency for Tuition Purposes Declaration* and submit with supporting documentation.
- Complete the online student orientation.

For more information, visit the [Admissions Information web page](#).

For degree-specific admission requirements, visit the [Programs and Admission Requirements web page](#).

A.S. Graduation Requirements

Responsibility for meeting the requirements for graduation with an associate in science (A.S.) degree rests with the student. To be awarded an A.S. degree from Eastern Florida State College a student must do the following:

Visit the [How to Apply to Graduate](#) website for more information.

- Check the program information page for additional degree-specific graduation requirements.
- File a *Graduation Application* and pay the graduation fee by the published deadline.
- Complete all admission requirements, including the submission of all transcripts, testing, and other required documents.
- Complete the prescribed course of study for the applicable catalog in compliance with Florida State Statutes and Florida Administrative Code Rules. This includes satisfactory completion of at least 60

credits, including a minimum of 15 credits of general education core coursework with a grade point average (GPA) of 2.0 or higher.

- Satisfy the Florida State Statutes (1007.25(3)) and Florida Administrative Code (6a.14.0303) rule requirements for completing core courses as defined in each subject area.
- Satisfy the Florida Administrative Code Rules for [civic literacy](#) (6A-10.02413) competency.
- Complete 25 percent of the prescribed college-level credit hours through traditional coursework at EFSC per accreditation requirements.
- Complete all coursework with a final grade. Students with a grade of "I – Incomplete" will not be processed for graduation until a final grade is posted.
 - For graduation in the term of application, the final grade must be posted within the first three weeks of the following term. If not, student must reapply and repay for graduation in the term they complete all requirements. Student may request through the instructor to have the "I" converted to a permanent "F" if the course is not required to graduate.
- Earn an overall (cumulative) grade point average of 2.0 or higher at EFSC, including transfer credits.
 - College developmental courses, clock hour courses, audited courses, 3000-4999 (upper level) courses, and continuing education courses are not applicable toward credit hours for the A.S. degree.
 - Transfer courses with a grade of T% do not calculate into the GPA.
- Fulfill all obligations to the College.

Student should be aware of their [Governing Catalog](#)

Students who are applying for an A.S. degree with imbedded College Credit Certificates (CCC) do not need to apply for the CCC. They will be awarded automatically for any or all certificates for which requirements have been met.

A.S. Degrees and Specializations

Please be aware that EFSC offers several A.S. degrees with multiple specializations. Students can only select one specialization, and may receive the specific A.S. degree only one time. While students may take courses from more than one specialization, the specific degree will be awarded only once. The transcript and diploma will be posted with the degree name, not the specialization.