

## About the Program

The Associate in Science (A.S.) Degree in Professional Pilot Technology puts graduates on a path to become charter, corporate, cargo, and airline transport pilots (ATP). For more information about this program, visit [fscj.edu/2258](https://fscj.edu/2258).

**Students with existing college credit** should note that flight training classes cannot be accelerated and must be taken in the order shown here. Although students may begin this degree with their General Education courses already completed, they are still likely to require six (6) terms to complete the required flight training. Such students are strongly encouraged to speak to contact program advising to make a custom plan and avoid dropping below part-time student status.

**Students with existing FAA Pilot certifications or ratings** may be able to receive credit for some classes. Contact program advising for additional information.

Upon graduation, a typical student will have approximately 280 flight hours. FAA regulations require our graduates to have at least 1,250 flight hours to be hired as an airline or cargo co-pilot. **Graduates must build additional flight hours in entry-level pilot jobs**, such as: flight instruction, local cargo piloting, banner towing, aerial surveying, and small charter operations. FAA Certifications and/or licenses are valid in all 50 states.

**Note:** If you are considering employment in a state other than Florida, please visit [fscj.edu/academics/license-disclose](https://fscj.edu/academics/license-disclose) to determine if this program will meet the selected state's educational requirements to sit for licensure or certification testing.

## Program Requirements

This program requires a **minimum of 64 credit hours**. Total program hours may vary based on the student's individual academic degree plan. This program is **eligible** for financial aid; however, Private Pilot training is **not covered by the GI Bill®** and **may or may not be covered by financial aid**. Contact the program manager for more information.

**Private Pilot training is completed via a non-credit course**. Students are strongly encouraged to begin this training during their first term as most students require 6-7 months (2 terms) to complete the training. This non-credit course is **not covered by the GI Bill®** and **may or may not be covered by financial aid**. Contact the program manager for more information.

**Flight training classes cannot be accelerated** and must be taken in the order listed. Students who have completed general education courses should speak to an advisor to develop a degree plan that maintains a part-time student status.

This program includes an **Algebra Through Calculus math pathway**. This pathway is intended for students whose academic program requires a foundation of algebra, followed by a sequence of courses that may lead to calculus.

## Application Procedure

**This program does not have any entrance requirements.**

### FAA and TSA Requirements for Flight Training

Students may take ATT-prefix courses at any time, but **prior to taking ATF-prefix courses, students must have:**

- A Private Pilot Certificate (see note below regarding Private Pilot training),
- A valid FAA Medical, and
- A current passport or original birth certificate, or TSA approval to begin flight training. Students will obtain these as they complete ATT 1102 and ATT 1103.

## Placement Testing

**College placement testing** assesses incoming students' skill levels in English, mathematics, and reading. Students are exempt from placement testing if they meet any of the following conditions:

- Entered the ninth grade in a Florida public school in 2003 or after and graduated from a Florida Public High school with a standard high school diploma
- Are currently serving as an active-duty member of any branch of the U.S. Armed Services
- Have received an A.A., A.S., A.A.S. or higher from an accredited institution
- Have completed college-level courses in English and mathematics
- Have completed upper-level developmental courses in English/Reading and Mathematics
- Are a Transient student (Florida Shines or transient letter from home institution is required)

All other students in this program must take a placement test. Students who place into **developmental education courses** are required to complete designated developmental education courses with a grade of C or higher regardless of program of study and are also required to take one of two student success strategies courses. For additional information, visit [catalog.fscj.edu/academics/developmental-education-programs](https://catalog.fscj.edu/academics/developmental-education-programs) or speak with an advisor.

## Associate in Science Degree Graduation Requirements

- Fulfill all academic requirements for the chosen program of study as outlined in the Florida State College at Jacksonville catalog and curriculum.
- Earn a cumulative grade point average of 2.0 (C) at Florida State College at Jacksonville in courses eligible toward the Associate in Science degree programs, excluding developmental education courses (A.S. Florida State College at Jacksonville GPA).
- Earn an all-college cumulative grade point average of 2.0 (C) on a 4.0 scale on all courses attempted. This requirement includes Florida State College at Jacksonville college-credit semester hours and transferred credits (excluding developmental education) in lower division courses.
- Complete a minimum of 25 percent of the total hours required for the program in residence at Florida State College at Jacksonville. Credit by examination and credit for prior learning do not count toward this residency requirement.
- Complete the required semester hours, as specified by the degree, of which a minimum of 15 semester hours must be General Education requirements.
- Demonstrate competency in civic literacy. Competency is demonstrated by:
  - Completing of one of three civic literacy courses (AMH 2010, AMH 2020 or POS 2041) with a grade of C or higher, and
  - Achieving of the standard score on a state-approved assessment.
- Earn a grade of a C or higher in each course used to satisfy the general education requirements and any other area designated with a C or higher requirement.
- Fulfill all obligations, financial or otherwise, to the College before graduating.

## Catalog Year

This document is prepared for students with a **2025-26 College Catalog year** who have not tested into developmental education courses. **Students who enter under the 2025-26 catalog** will be assigned to the degree or certificate requirements in effect during the 2025-26 academic year. The student's assigned catalog year will remain in effect as long as the student maintains continuous enrollment. Changes to requirements as mandated by law or by rule of the District Board of Trustees may supersede this provision.

**To maintain continuous enrollment**, a student must have registration for, and successful completion of, at least one course within a three-term period. After three consecutive terms of no enrollment, the student will be discontinued from the current program of study and will need to apply to FSCJ to reenter under the same program of study. Upon readmission, the student will be assigned to the current catalog of record in the chosen program.

**Curriculum**

Prospective students are strongly encouraged to contact program advising to discuss flight course progression and costs before enrolling. Some courses are offered only once per year; advising is critical for course progression.

Terms Offered are subject to change. Please verify course availability at [fscj.edu/schedules](https://fscj.edu/schedules).

**General Education Coursework**

- General Education Communication State Core course, Credit Hours: 3-4. Terms Offered: Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- General Education Social and Behavioral Sciences: Civic Literacy course, Credit Hours: 3. Terms Offered: Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- General Education Humanities State Core course, Credit Hours: 3. Terms Offered: Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Select from any MAC-prefix course or MAP 2302 or STA 2023, Credit Hours: 3-5. General Education Mathematics. Terms Offered: Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- General Education Natural Sciences State Core course, Credit Hours: 3-4. Terms Offered: Fall, Spring, Summer. Grade Earned: \_\_\_\_\_

**Professional Coursework**

- ATT 1102 - Private Pilot Theory, Credit Hours: 3. Terms Offered: Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- ATT 1103 - Private Pilot Applications, Credit Hours: 3. Terms Offered: Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- ATT 1810 - Environment of the Air Traffic Controller, Credit Hours: 3. Terms Offered: Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- ASC 1210 - Aviation Weather, Credit Hours: 3. Terms Offered: Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- ASC 1310 - Aviation Regulations and Legal Issues, Credit Hours: 3. Terms Offered: Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- ASC 1610 - Aircraft Engines, Structures and Systems, Credit Hours: 3. Terms Offered: Spring. Grade Earned: \_\_\_\_\_
- ATT 1120 - Instrument Rating Ground School, Credit Hours: 3. Terms Offered: As needed. Grade Earned: \_\_\_\_\_
- ATF 1601C - Instrument Pilot Simulator, Credit Hours: 1. Terms Offered: As needed. Grade Earned: \_\_\_\_\_
- ATF 2305 - Instrument Flight, Credit Hours: 2. Terms Offered: Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- ASC 2870 - Aviation Safety, Credit Hours: 3. Terms Offered: Fall, Summer. Grade Earned: \_\_\_\_\_
- ATT 1110 - Commercial Pilot Ground School, Credit Hours: 3. Terms Offered: As needed. Grade Earned: \_\_\_\_\_
- ATF 2620C - Commercial Pilot Simulator, Credit Hours: 2. Terms Offered: As needed. Grade Earned: \_\_\_\_\_
- ATF 2201 - Commercial Flight I, Credit Hours: 2. Terms Offered: Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- ATF 2202 - Commercial Flight II, Credit Hours: 2. Terms Offered: Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- ATF 2203 - Commercial Flight III, Credit Hours: 1. Terms Offered: Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- ATF 2400 - Multi-engine Flight, Credit Hours: 1. Terms Offered: Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- ATT 2640 - Advanced Aircraft Operations, Credit Hours: 3. Terms Offered: As needed. Grade Earned: \_\_\_\_\_

**Professional Elective Coursework**

- Professional Elective course, Credit Hour: 2. Grade Earned: \_\_\_\_\_
- Professional Elective course, Credit Hour: 2. Grade Earned: \_\_\_\_\_
- Professional Elective course, Credit Hour: 2. Grade Earned: \_\_\_\_\_

## Course Requirements

Prerequisites, corequisites, and conditions for any course are subject to change. Students must meet the prerequisite and corequisite requirements of any course at the time the student attempts to register for that course. If you have questions about the prerequisites, corequisites, or conditions for a course, please contact any academic advisor.

### General Education Communication Courses

Complete one of the following courses.

**ENC 1101 - English Composition I**, Credit Hours: 3. *State Core course.*

**Prerequisite(s):** Satisfactory score on the placement test for non-exempt students only. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. Effective Spring 2014, students who entered the ninth grade in a Florida public high school in the 2003-2004 school year, or any year thereafter, and earned a standard Florida high school diploma, or students who are serving as active duty members in any branch of the United States Armed Services, will not be required to take the common placement test (P.E.R.T.) or to enroll in developmental education at any Florida College System institution, including Florida State College at Jacksonville (per Senate Bill 1720, State Board Rule 6A-10.0315). These students shall be considered exempt from common placement testing and developmental education instruction, and may accordingly enroll directly in ENC 1101 or ENC 1101C. For placement in any communications course beyond ENC 1101 or ENC 1101C, exempt students will be required to take the common placement test. Effective Fall 2022, students who earn a grade of C or higher will be automatically awarded the digital badge in Fundamentals of Written Communication. **Terms Offered:** Fall, Spring, Summer.

**ENC 1101C - English Composition I Enhanced**, Credit Hours: 4. *State Core course.* **Prerequisite(s):** Satisfactory score on the placement test for non-exempt students only. **Corequisite(s):** None. **Conditions:** This course fulfills category A of students' General Education requirements in Communications. The additional one-credit hour of supplemental instruction and practice will appear as an Associate in Arts elective on students' college transcripts. This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. Effective Spring 2014, students who entered the ninth grade in a Florida public high school in the 2003-2004 school year, or any year thereafter, and earned a standard Florida high school diploma, or students who are serving as active duty members in any branch of the United States Armed Services, will not be required to take the common placement test (P.E.R.T.) or to enroll in developmental education at any Florida College System institution, including Florida State College at Jacksonville (per Senate Bill 1720, State Board Rule 6A-10.0315). These students shall be considered exempt from common placement testing and developmental education instruction and may accordingly enroll directly in ENC 1101 or ENC 1101C. For enrollment in any communications course beyond ENC 1101/ENC 1101C, exempt students will be required to take the common placement test. This course is recommended for Associate in Arts degree seeking students. Associate in Science degree seeking students are advised to take ENC 1101 to avoid concerns regarding financial aid and excess hour surcharges. Effective Fall 2022, students who earn a grade of C or higher will be automatically awarded the digital badge in Fundamentals of Written Communication. **Terms Offered:** Fall, Spring, Summer.

### General Education Humanities

Complete one of the following courses.

**ARH 2000 - Art in the Humanities**, Credit Hours: 3. *State Core course.*

**Prerequisite(s):** Qualify for enrollment in ENC 1101. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. **Terms Offered:** Fall, Spring, Summer.

**HUM 2020 - Topics in the Humanities**, Credit Hours: 3. *State Core course.*

**Prerequisite(s):** Qualify for enrollment in ENC 1101. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. This course cannot be repeated for General Education or Elective Credit, regardless of the course topic, except for grade forgiveness purposes. **Terms Offered:** Fall, Spring, Summer.

**LIT 2000 - Literature in the Humanities**, Credit Hours: 3. *State Core course.*

**Prerequisite(s):** ENC 1101 or ENC 1101C each with a grade of C or higher. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. **Terms Offered:** Fall, Spring, Summer.

**MUL 2010 - Music in the Humanities**, Credit Hours: 3. *State Core course.*

**Prerequisite(s):** Qualify for enrollment in ENC 1101. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. **Terms Offered:** Fall, Spring, Summer.

**PHI 2010 - Philosophy in the Humanities**, Credit Hours: 3. *State Core course.*

**Prerequisite(s):** Qualify for enrollment in ENC 1101. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. **Terms Offered:** Fall, Spring, Summer.

**THE 2000 - Theatre in the Humanities**, Credit Hours: 3. *State Core course.*

**Prerequisite(s):** Qualify for enrollment in ENC 1101. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. **Terms Offered:** Fall, Spring, Summer.

### General Education Mathematics

Complete one of the following courses.

**MAC 1105 - College Algebra**, Credit Hours: 3. *State Core course.*

**Prerequisite(s):** MAT 1033 with a grade of C or higher or a satisfactory score on the placement test. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule computation requirement and must be completed with a grade of C or higher (pursuant to State Board of Education Rule 6A-10.030). Effective Spring 2014, students who entered the ninth grade in a Florida public high school in the 2003-2004 school year, or any year thereafter, and earned a standard Florida high school diploma, or students who are serving as active duty members in any branch of the United States Armed Services, will not be required to take the common placement test (P.E.R.T.) or to enroll in developmental education at any Florida College System institution, including Florida State College at Jacksonville (per Senate Bill 1720, State Board Rule 6A-10.0315). These students shall be considered exempt from common placement testing and developmental education instruction, and may accordingly enroll directly in MAT 1033 or MGF 1130 or MGF1131. For placement in any college-credit math course beyond MAT 1033 or MGF 1130 or MGF1131, exempt students will be required to take the common placement test. This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. **Terms Offered:** Fall, Spring, Summer.

**MAC 1105C - College Algebra Enhanced**, Credit Hours: 5. *State Core course.*  
**Prerequisite(s):** MAT 1033 with a grade of D or higher or MAC 1105 with a grade of D or lower or a satisfactory score on the placement test. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule computation requirement and must be completed with a grade of C or higher (pursuant to State Board of Education Rule 6A-10.030). Effective Spring 2014, students who entered the ninth grade in a Florida public high school in the 2003-2004 school year, or any year thereafter, and earned a standard Florida high school diploma, or students who are serving as active duty members in any branch of the United States Armed Services, will not be required to take the common placement test (P.E.R.T.) or to enroll in developmental education at any Florida College System institution, including Florida State College at Jacksonville (per Senate Bill 1720, State Board Rule 6A-10.0315). These students shall be considered exempt from common placement testing and developmental education instruction, and may accordingly enroll directly in MAT 1033 or MGF 1130 or MGF 1131. For placement in any college-credit math course beyond MAT 1033 or MGF 1130 or MGF 1131, exempt students will be required to take the common placement test. This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. **Terms Offered:** Fall, Spring, Summer.

**MAC 1114 - College Trigonometry**, Credit Hours: 3. **Prerequisite(s):** MAC 1105 or MAC 1105C each with a grade of C or higher. **Corequisite(s):** None. **Conditions:** A strong high-school Algebra background is recommended. This course fulfills the Gordon Rule computation requirement and must be completed with a grade of C or higher (pursuant to State Board of Education Rule 6A-10.030). **Terms Offered:** Fall, Spring, Summer.

**MAC 1140 - Precalculus Algebra**, Credit Hours: 4. **Prerequisite(s):** MAC 1105 or MAC 1105C each with a grade of C or higher or a satisfactory score on the placement test. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule computation requirement and must be completed with a grade of C or higher (pursuant to State Board of Education Rule 6A-10.030). **Terms Offered:** Fall, Spring, Summer.

**MAC 1147 - Precalculus Algebra and Trigonometry**, Credit Hours: 5. **Prerequisite(s):** MAC 1105 or MAC 1105C each with a grade of B or higher or satisfactory score on the placement test. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule computation requirement and must be completed with a grade of C or higher (pursuant to State Board of Education Rule 6A-10.030). **Terms Offered:** Fall, Spring, Summer.

**MAC 2233 - Calculus for Business and Social Sciences**, Credit Hours: 3. **Prerequisite(s):** MAC 1105 or MAC 1105C or MAC 1140 each with a grade of C or higher or a satisfactory score on the placement test. **Corequisite(s):** None. **Conditions:** Appropriate technology is required. This course does not satisfy degree requirements for students majoring in mathematics or engineering. This course fulfills the Gordon Rule computation requirement and must be completed with a grade of C or higher (pursuant to State Board of Education Rule 6A-10.030). **Terms Offered:** Fall, Spring, Summer.

**MAC 2311 - Calculus With Analytic Geometry I**, Credit Hours: 4. *State Core course.* **Prerequisite(s):** MAC 1140 and MAC 1114 each with a grade of C or higher or MAC 1147 with a grade of a C or higher. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule computation requirement and must be completed with a grade of C or higher (pursuant to State Board of Education Rule 6A-10.030). **Terms Offered:** Fall, Spring, Summer.

**MAC 2312 - Calculus With Analytic Geometry II**, Credit Hours: 4. **Prerequisite(s):** MAC 2311 with a grade of C or higher. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule computation requirement and must be completed with a grade of C or higher (pursuant to State Board of Education Rule 6A-10.030). **Terms Offered:** Fall, Spring, Summer.

**MAC 2313 - Calculus With Analytic Geometry III**, Credit Hours: 4. **Prerequisite(s):** MAC 2312 with a grade of C or higher. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule computation requirement and must be completed with a grade of C or higher (pursuant to State Board of Education Rule 6A-10.030). **Terms Offered:** Fall, Spring, Summer.

**MAP 2302 - Differential Equations**, Credit Hours: 3. **Prerequisite(s):** MAC 2312 with a grade of C or higher. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule computation requirement and must be completed with a grade of C or higher (pursuant to State Board of Education Rule 6A-10.030). **Terms Offered:** Fall, Spring, Summer.

**STA 2023 - Elementary Statistics**, Credit Hours: 3. *State Core course.* **Prerequisite(s):** Satisfactory score on placement test or successful completion of MAT 1033 with a grade of C or higher. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule computation requirement and must be completed with a grade of C or higher (pursuant to State Board of Education Rule 6A-10.030). **Terms Offered:** Fall, Spring, Summer.

### General Education Natural Sciences

Complete one of the following courses.

**AST 1002 - Introduction to Astronomy**, Credit Hours: 3. *State Core course.* **Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** Suggested course: AST 1002L (course may be taken following or concurrent with AST 1002L). This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. **Terms Offered:** Fall, Spring, Summer.

**BSC 1005 - Life in Its Biological Environment**, Credit Hours: 3. *State Core course.* **Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. **Terms Offered:** Fall, Spring, Summer.

**BSC 2010C - Principles of Biology I**, Credit Hours: 4. *State Core course.* **Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** This course fulfills the General Education Requirements and the laboratory requirement needed by many students who plan to transfer to a four-year institution. **Terms Offered:** Fall, Spring, Summer.

**BSC 2085C - Human Anatomy and Physiology I**, Credit Hours: 4. *State Core course.* **Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** High School Chemistry taken within the past five years. High School Biology taken within the past five years. This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. **Terms Offered:** Fall, Spring, Summer.

**CHM 1020 - Chemistry for Liberal Arts**, Credit Hours: 3. *State Core course.* **Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. **Terms Offered:** Fall, Spring, Summer.

**CHM 2045C - General Chemistry and Qualitative Analysis I**, Credit Hours: 4. *State Core course.* **Prerequisite(s):** MAC 1105 or MAC 1105C or higher-level MAC prefix course or MAP 2302, and CHM 1025C with a grade of C or higher. **Corequisite(s):** None. **Conditions:** Passing score on the Toledo Chemistry test may substitute for CHM 1025C prerequisite requirement. **Terms Offered:** Fall, Spring, Summer.

**ESC 1000 - Earth and Space Science**, Credit Hours: 3. *State Core course.* **Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** None. **Terms Offered:** Fall, Spring, Summer.

**EVR 1001 - Introduction to Environmental Science**, Credit Hours: 3. *State Core course.* **Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** This course fulfills the General Education Physical Science requirement. **Terms Offered:** Fall, Spring, Summer.

**OCE 2001 - Survey of Oceanography**, Credit Hours: 3. *State Core course.* **Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. **Terms Offered:** TBA.

**PHY 1020C - Physics for Liberal Arts with Laboratory**, Credit Hours: 3. *State Core course.* **Prerequisite(s):** MAT 1033 or higher. **Corequisite(s):** MAT 1033 or higher. **Conditions:** This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. **Terms Offered:** Fall, Spring, Summer.

**PHY 2048C - Physics I with Calculus**, Credit Hours: 4. **Prerequisite(s):** MAC 2311. **Corequisite(s):** MAC 2312. **Conditions:** This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. **Terms Offered:** Fall, Spring, Summer.

**PHY 2053C - General Physics I**, Credit Hours: 4. *State Core course.* **Prerequisite(s):** (1) MAC 1140 and MAC 1114; or (2) MAC 2311; or (3) MAC 1147 with a grade of C or higher. **Corequisite(s):** None. **Conditions:** This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. **Terms Offered:** Fall, Spring, Summer.

#### General Education Social and Behavioral Sciences

Complete one of the following courses.

**AMH 1010 - United States History to 1877**, Credit Hours: 3. *State Core course.* **Prerequisite(s):** Qualify for enrollment in ENC 1101. **Corequisite(s):** None. **Conditions:** Successful completion of this course satisfies the following Civic Literacy Competency Requirement: Prior to the award of an associate in arts or baccalaureate degree, first-time-in-college students entering a Florida College System institution in the 2018-2019 school year, and thereafter, must demonstrate competency in civic literacy (Florida Statute 1007.25, Section 4; State Board of Education Rule 6A-10.02413). **Terms Offered:** Fall, Spring, Summer.

**AMH 2020 - United States History from 1877 to the Present**, Credit Hours: 3. *State Core course.* **Prerequisite(s):** Qualify for enrollment in ENC 1101. **Corequisite(s):** None. **Conditions:** Successful completion of this course satisfies the following Civic Literacy Competency Requirement: Prior to the award of an associate in arts or baccalaureate degree, first-time-in-college students entering a Florida College System institution in the 2018-2019 school year, and thereafter, must demonstrate competency in civic literacy (Florida Statute 1007.25, Section 4; State Board of Education Rule 6A-10.02413). **Terms Offered:** Fall, Spring, Summer.

**POS 2041 - American Federal Government**, Credit Hours: 3. *State Core course.* **Prerequisite(s):** Qualify for enrollment in ENC 1101. **Corequisite(s):** None. **Conditions:** Successful completion of this course satisfies the following Civic Literacy Competency Requirement: Prior to the award of an associate in arts or baccalaureate degree, first-time-in-college students entering a Florida College System institution in the 2018-2019 school year, and thereafter, must demonstrate competency in civic literacy (Florida Statute 1007.25, Section 4; State Board of Education Rule 6A-10.02413). **Terms Offered:** Fall, Spring, Summer.

#### Professional Coursework

Complete all of the following courses.

**ASC 1210 - Aviation Weather**, Credit Hours: 3. **Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** None. **Terms Offered:** Fall, Spring, Summer.

**ASC 1310 - Aviation Regulations and Legal Issues**, Credit Hours: 3. **Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** None. **Terms Offered:** Fall, Spring, Summer.

**ASC 1610 - Aircraft Engines, Structures and Systems**, Credit Hours: 3. **Prerequisite(s):** ATT 1102. **Corequisite(s):** None. **Conditions:** None. **Terms Offered:** Spring.

**ASC 2870 - Aviation Safety**, Credit Hours: 3. **Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** None. **Terms Offered:** Fall, Summer.

**ATF 1601C - Instrument Pilot Simulator**, Credit Hours: 1. **Prerequisite(s):** ATT 1120; student must hold a Private Pilot, Airplane Single-Engine Land certificate. **Corequisite(s):** ATT 1120. **Conditions:** This course uses Advanced Aviation Training Devices (AATDs) to introduce students to basic instrument flying, communications, navigation, holding patterns, and instrument approaches. Students will "fly" approximately 8 hours and observe approximately 8 hours on the AATDs. **Terms Offered:** As needed.

**ATF 2201 - Commercial Flight I**, Credit Hours: 2. **Prerequisite(s):** ATF 2305 and must be enrolled in or have completed ATT 1110. **Corequisite(s):** ATT 1110 and ATF 2620C. **Conditions:** For this certificate, at least 35 hours of ground instruction are required by FAA regulations. These may be completed via course. This course is Selective Access. Students must: 1. Hold a minimum of an FAA third-class medical certificate (current second-class for GI Bill® students), 2. Be U.S. citizens or have TSA authorization for flight training, and 3. Meet with the Program Manager to verify documentation and review course requirements and flight training costs. **Terms Offered:** Fall, Spring, Summer.

**ATF 2202 - Commercial Flight II**, Credit Hours: 2. **Prerequisite(s):** ATF 2201. **Corequisite(s):** None. **Conditions:** For this certificate, at least 35 hours of ground instruction are required by FAA regulations. These may be completed via course. Per FAA regulations, and the approved course syllabus, 12 of the 32 required solo hours must be supervised by a Flight Instructor and/or flown with a Safety Pilot. This course is Selective Access. Students must: 1. Hold a minimum of an FAA third-class medical certificate (current second-class for GI Bill® students), 2. Be U.S. citizens or have TSA authorization for flight training, and 3. Meet with the Program Manager to verify documentation and review course requirements and flight training costs. **Terms Offered:** Fall, Spring, Summer.

**ATF 2203 - Commercial Flight III**, Credit Hours: 1. **Prerequisite(s):** ATF 2202. **Corequisite(s):** None. **Conditions:** For this certificate, at least 35 hours of ground instruction are required by FAA regulations. These may be completed via course. This course is Selective Access. Students must: 1. Hold a minimum of an FAA third-class medical certificate (current second-class for GI Bill® students), 2. Be U.S. citizens or have TSA authorization for flight training, and 3. Meet with the Program Manager to verify documentation and review course requirements and flight training costs. **Terms Offered:** Fall, Spring, Summer.

**ATF 2305 - Instrument Flight**, Credit Hours: 2. **Prerequisite(s):** Student must hold a Private Pilot, Airplane Single-Engine Land certificate; must be enrolled in, or have completed ATT 1120. **Corequisite(s):** ATF 1601C. **Conditions:** This course is Selective Access. Students must: 1. Hold a minimum of an FAA third-class medical certificate (current second-class for GI Bill® students), 2. Be U.S. citizens or have TSA authorization for flight training, and 3. Meet with the Program Manager to verify documentation and review course requirements and flight training costs. **Terms Offered:** Fall, Spring, Summer.

**ATF 2400 - Multi-engine Flight**, Credit Hours: 1. **Prerequisite(s)**: ATF 2203. **Corequisite(s)**: None. **Conditions**: This course is Selective Access. Students must: 1. Hold a minimum of an FAA third-class medical certificate (current second-class for GI Bill® students), 2. Be U.S. citizens or have TSA authorization for flight training, and 3. Meet with the Program Manager to verify documentation and review course requirements and flight training costs. **Terms Offered**: Fall, Spring, Summer.

**ATF 2620C - Commercial Pilot Simulator**, Credit Hours: 2. **Prerequisite(s)**: ATF 2305 and ATT 1110. **Corequisite(s)**: ATT 1110. **Conditions**: This course is Selective Access. Students must be a U.S. citizen or have TSA authorization for flight training. **Terms Offered**: As needed.

**ATT 1102 - Private Pilot Theory**, Credit Hours: 3. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: None. **Terms Offered**: Fall, Spring, Summer.

**ATT 1103 - Private Pilot Applications**, Credit Hours: 3. **Prerequisite(s)**: None. **Corequisite(s)**: ATT 1102. **Conditions**: None. **Terms Offered**: Fall, Spring, Summer.

**ATT 1110 - Commercial Pilot Ground School**, Credit Hours: 3. **Prerequisite(s)**: ATF 2305. **Corequisite(s)**: None. **Conditions**: None. **Terms Offered**: As needed.

**ATT 1120 - Instrument Rating Ground School**, Credit Hours: 3. **Prerequisite(s)**: ATT 1102. **Corequisite(s)**: None. **Conditions**: None. **Terms Offered**: As needed.

**ATT 1810 - Environment of the Air Traffic Controller**, Credit Hours: 3. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: None. **Terms Offered**: Fall, Spring, Summer.

**ATT 2640 - Advanced Aircraft Operations**, Credit Hours: 3. **Prerequisite(s)**: ATF 2203. **Corequisite(s)**: None. **Conditions**: None. **Terms Offered**: As needed.

#### Professional Elective Coursework

Complete three of the following courses.

**ASC 1010 - Foundations of Air Transportation**, Credit Hours: 3. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: None. **Terms Offered**: Fall, Spring, Summer.

**ASC 2560 - Unmanned Aerial Systems**, Credit Hours: 3. **Prerequisite(s)**: ATT 1102. **Corequisite(s)**: None. **Conditions**: None. **Terms Offered**: Spring.

**ASC 2561 - Unmanned Aerial Systems Operations**, Credit Hours: 3. **Prerequisite(s)**: ASC 2560. **Corequisite(s)**: None. **Conditions**: None. **Terms Offered**: As needed.

**ATF 2500 - Certified Flight Instructor**, Credit Hours: 2. **Prerequisite(s)**: ATF 2203 and must be enrolled in, or have completed, ATT 2131. **Corequisite(s)**: None. **Conditions**: For this certificate, at least 40 hours of ground instruction are required by FAA regulations. These may be completed via course. This course is Selective Access. Students must: 1. Hold a minimum of an FAA third-class medical certificate (current second class for GI Bill® students) 2. Be U.S. citizens or have TSA authorization for flight training, and 3. Meet with the Program Manager to verify documentation and review course requirements and flight training costs. **Terms Offered**: Fall, Spring, Summer.

**ATT 2131 - Certified Flight Instructor Ground School**, Credit Hours: 3. **Prerequisite(s)**: ATF 2202. **Corequisite(s)**: None. **Conditions**: None. **Terms Offered**: As needed.

**AVM 1010 - Aviation Management**, Credit Hours: 3. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: None. **Terms Offered**: TBA.

**AVM 1440 - Aviation and Airport Security**, Credit Hours: 3. **Prerequisite(s)**: ASC 1010. **Corequisite(s)**: None. **Conditions**: None. **Terms Offered**: Summer.

**AVM 2120 - Air Cargo Operations**, Credit Hours: 3. **Prerequisite(s)**: ASC 1010. **Corequisite(s)**: None. **Conditions**: None. **Terms Offered**: Fall.

**AVM 2410 - Principles of Airport Management**, Credit Hours: 3. **Prerequisite(s)**: ASC 1010 and AVM 1310. **Corequisite(s)**: None. **Conditions**: None. **Terms Offered**: Spring.