

Aviation Administration (Air Traffic Control) Program Roadmap

Use this roadmap to guide your progress and keep you moving toward graduation.

- ☒ **Avoid surprises** – Meet with your advisor each term to monitor your progress and address concerns early.
- ☒ **Review course requirements** – Check course prerequisites, corequisites, and conditions before registering each term to ensure you meet all requirements and stay on track for graduation.
- ☒ **Stay eligible** – Maintain your GPA and complete required courses to remain in good standing.
- ☒ **Graduate on time** – Stay on schedule to avoid delays and excess credit hours that may not be covered by financial aid.

About the Program

Credit Hours: 60 total credit hours. Total hours may vary based on individual academic plan. Prior to enrolling in classes, please meet with an advisor for specific guidance about your individual academic plan.

Available Electives

Minimum credit hours: 9.

Students **may choose**, via elective courses, to focus on one of the following areas. Courses with low enrollment may be offered as Independent Study for those pursuing that specialty. Contact Program Staff for additional details.

Unmanned Aircraft (“Drones”)

Students pursuing the Unmanned Aircraft track must complete ASC 2561 and ASC 2563C. ASC 2543 is recommended for this track but is not required.

- ASC 2561 – Unmanned Aerial Systems Operations, Credit Hours: 3. Terms Offered: As needed.
- ASC 2563C – UAS Applications in Aerial Imaging, Credit Hours: 3. Terms Offered: As needed.
- ASC 2543 – UAS Power Systems and Batteries, Credit Hours: 3. Terms Offered: As needed.

Air Traffic Control

Students seeking to qualify for the FAA's Air Traffic Collegiate Training Initiative (AT-CTI) program must complete both of these elective courses.

- ATT 1120 – Instrument Rating Ground School, Credit Hours: 3. Terms Offered: As needed.
- ATT 2820 – Air Traffic Control, Credit Hours: 3. Terms Offered: Fall.

Computers and Business

- CGS 1100C – Microcomputer Applications for Business and Economics, Credit Hours: 3. Terms Offered: Fall, Spring, Summer.
- ECO 2013 – Economics I – Principles of Macroeconomics, Credit Hours: 3. Terms Offered: Fall, Spring, Summer.
- ECO 2023 – Economics II – Principles of Microeconomics, Credit Hours: 3. Terms Offered: Fall, Spring, Summer.
- GEB 1011 – Introduction to Business, Credit Hours: 3. Terms Offered: Fall, Spring, Summer.
- INP 1390 – Human Relations in Business and Industry, Credit Hours: 3. Terms Offered: Fall, Spring, Summer.
- MAN 2043 – Quality Management, Credit Hours: 3. Terms Offered: Fall, Spring.

Minimum Grade Requirement(s)

A minimum grade of C or higher must be achieved in:

- ☐ All Professional coursework
- ☐ All General Education coursework

Sample Roadmap: Students Starting in the Fall Term

Term 1: Fall

Course	Credits	Course Type	Terms Offered
ENC 1101 – English Composition I or ENC 1101C – English Composition I Enhanced	3-4	General Education	Fall, Spring, Summer
ASC 1010 – Foundations of Air Transportation	3	Professional	Fall, Spring, Summer
ATT 1102 – Private Pilot Theory	3	Professional	Fall, Spring, Summer
ATT 1810 – Environment of the Air Traffic Controller	3	Professional	Fall, Spring, Summer

Term 2: Spring

Course	Credits	Course Type	Terms Offered
MAC 1105 – College Algebra or MAC 1105C – College Algebra Enhanced or MAC 1114 – College Trigonometry or MAC 1140 – Precalculus Algebra or MAC 1147 – Precalculus Algebra and Trigonometry or MAC 2233 – Calculus for Business and Social Sciences or MAC 2311 – Calculus With Analytic Geometry I or MAC 2312 – Calculus With Analytic Geometry II or MAC 2313 – Calculus With Analytic Geometry III or MAP 2302 – Differential Equations or MGF 1130 – Mathematical Thinking or STA 2023 – Elementary Statistics Note: ATC-CTI students must take MAC 1105, MAC 1105C, MAC 1114, MAC 1140, MAC 1147, MAC 2233, MAC 2311, MAC 2312, MAC 2313, MAP 2302 or STA 2023.	3-5	General Education	Fall, Spring, Summer
ASC 1210 – Aviation Weather	3	Professional	Fall, Spring, Summer
ASC 1310 – Aviation Regulations and Legal Issues	3	Professional	Fall, Spring, Summer
ASC 2560 – Unmanned Aerial Systems	3	Professional	Spring

Term 3: Summer

Course	Credits	Course Type	Terms Offered
AMH 2010 – United States History to 1877 or AMH 2020 – United States History from 1877 to the Present or POS 2041 – American Federal Government	3	General Education & Civic Literacy	Fall, Spring, Summer
ASC 2870 – Aviation Safety	3	Professional	Fall, Summer
AVM 1440 – Aviation and Airport Security	3	Professional	Summer
AVM 2510 – Aviation Management and Marketing	3	Professional	Summer

Term 4: Fall

Course	Credits	Course Type	Terms Offered
AST 1002 – Introduction to Astronomy or BSC 1005 – Life in Its Biological Environment or BSC 2010C – Principles of Biology I or BSC 2085C – Human Anatomy and Physiology I or CHM 1020 – Chemistry for Liberal Arts or CHM 2045C – General Chemistry and Qualitative Analysis I or ESC 1000 – Earth and Space Science or EVR 1001 – Introduction to Environmental Science or PHY 1020C – Physics for Liberal Arts with Laboratory or PHY 2048C – Physics I with Calculus or PHY 2053C – General Physics I	3-5	General Education	Fall, Spring, Summer
Professional Elective course Note: AT-CTI students should complete ATT 2820.	3	Professional Elective	Varies
AVM 2022 – Flight Operations Management	3	Professional	Fall
AVM 2120 – Air Cargo Operations	3	Professional	Fall

Term 5: Spring

Course	Credits	Course Type	Terms Offered
ARH 2000 – Art in the Humanities or HUM 2020 – Topics in the Humanities or LIT 2000 – Literature in the Humanities or MUL 2010 – Music in the Humanities or PHI 2010 – Philosophy in the Humanities or THE 2000 – Theatre in the Humanities	3	General Education	Fall, Spring, Summer
AVM 2410 – Principles of Airport Management	3	Professional	Spring
Professional Elective course	3	Professional Elective	Varies
Professional Elective course	3	Professional Elective	Varies

Sample Roadmap: Students Starting in the Spring Term

Term 1: Spring

Course	Credits	Course Type	Terms Offered
ENC 1101 – English Composition I or ENC 1101C – English Composition I Enhanced	3-4	General Education	Fall, Spring, Summer
ASC 1010 – Foundations of Air Transportation	3	Professional	Fall, Spring, Summer
ASC 1310 – Aviation Regulations and Legal Issues	3	Professional	Fall, Spring, Summer
ATT 1102 – Private Pilot Theory	3	Professional	Fall, Spring, Summer

Term 2: Summer

Course	Credits	Course Type	Terms Offered
MAC 1105 – College Algebra or MAC 1105C – College Algebra Enhanced or MAC 1114 – College Trigonometry or MAC 1140 – Precalculus Algebra or MAC 1147 – Precalculus Algebra and Trigonometry or MAC 2233 – Calculus for Business and Social Sciences or MAC 2311 – Calculus With Analytic Geometry I or MAC 2312 – Calculus With Analytic Geometry II or MAC 2313 – Calculus With Analytic Geometry III or MAP 2302 – Differential Equations or MGF 1130 – Mathematical Thinking or STA 2023 – Elementary Statistics Note: ATC-CTI students must take MAC 1105, MAC 1105C, MAC 1114, MAC 1140, MAC 1147, MAC 2233, MAC 2311, MAC 2312, MAC 2313, MAP 2302 or STA 2023.	3-5	General Education	Fall, Spring, Summer
ATT 1810 – Environment of the Air Traffic Controller	3	Professional	Fall, Spring, Summer
AVM 1440 – Aviation and Airport Security	3	Professional	Summer
AVM 2510 – Aviation Management and Marketing	3	Professional	Summer

Term 3: Fall

Course	Credits	Course Type	Terms Offered
AMH 2010 – United States History to 1877 or AMH 2020 – United States History from 1877 to the Present or POS 2041 – American Federal Government	3	General Education & Civic Literacy	Fall, Spring, Summer
AVM 2022 – Flight Operations Management	3	Professional	Fall
AVM 2120 – Air Cargo Operations	3	Professional	Fall
Professional Elective course Note: AT-CTI students should complete ATT 2820.	3	Professional Elective	Varies

Term 4: Spring

Course	Credits	Course Type	Terms Offered
AST 1002 – Introduction to Astronomy or BSC 1005 – Life in Its Biological Environment or BSC 2010C – Principles of Biology I or BSC 2085C – Human Anatomy and Physiology I or CHM 1020 – Chemistry for Liberal Arts or CHM 2045C – General Chemistry and Qualitative Analysis I or ESC 1000 – Earth and Space Science or EVR 1001 – Introduction to Environmental Science or PHY 1020C – Physics for Liberal Arts with Laboratory or PHY 2048C – Physics I with Calculus or PHY 2053C – General Physics I	3-5	General Education	Fall, Spring, Summer
ASC 1210 – Aviation Weather	3	Professional	Fall, Spring, Summer
ASC 2560 – Unmanned Aerial Systems	3	Professional	Spring
AVM 2410 – Principles of Airport Management	3	Professional	Spring

Term 5: Summer or Fall

Course	Credits	Course Type	Terms Offered
ARH 2000 – Art in the Humanities or HUM 2020 – Topics in the Humanities or LIT 2000 – Literature in the Humanities or MUL 2010 – Music in the Humanities or PHI 2010 – Philosophy in the Humanities or THE 2000 – Theatre in the Humanities	3	General Education	Fall, Spring, Summer
ASC 2870 – Aviation Safety	3	Professional	Fall, Summer
Professional Elective course	3	Professional Elective	Varies
Professional Elective course	3	Professional Elective	Varies

Sample Roadmap: Students Starting in the Summer Term

Term 1: Summer

Course	Credits	Course Type	Terms Offered
ENC 1101 – English Composition I or ENC 1101C – English Composition I Enhanced	3-4	General Education	Fall, Spring, Summer
ASC 1010 – Foundations of Air Transportation	3	Professional	Fall, Spring, Summer
ATT 1102 – Private Pilot Theory	3	Professional	Fall, Spring, Summer
ATT 1810 – Environment of the Air Traffic Controller	3	Professional	Fall, Spring, Summer

Term 2: Fall

Course	Credits	Course Type	Terms Offered
MAC 1105 – College Algebra or MAC 1105C – College Algebra Enhanced or MAC 1114 – College Trigonometry or MAC 1140 – Precalculus Algebra or MAC 1147 – Precalculus Algebra and Trigonometry or MAC 2233 – Calculus for Business and Social Sciences or MAC 2311 – Calculus With Analytic Geometry I or MAC 2312 – Calculus With Analytic Geometry II or MAC 2313 – Calculus With Analytic Geometry III or MAP 2302 – Differential Equations or MGF 1130 – Mathematical Thinking or STA 2023 – Elementary Statistics Note: ATC-CTI students must take MAC 1105, MAC 1105C, MAC 1114, MAC 1140, MAC 1147, MAC 2233, MAC 2311, MAC 2312, MAC 2313, MAP 2302 or STA 2023.	3-5	General Education	Fall, Spring, Summer
ASC 1310 – Aviation Regulations and Legal Issues	3	Professional	Fall, Spring, Summer
AVM 2022 – Flight Operations Management	3	Professional	Fall
AVM 2120 – Air Cargo Operations	3	Professional	Fall

Term 3: Spring

Course	Credits	Course Type	Terms Offered
AMH 2010 – United States History to 1877 or AMH 2020 – United States History from 1877 to the Present or POS 2041 – American Federal Government	3	General Education & Civic Literacy	Fall, Spring, Summer
ASC 1210 – Aviation Weather	3	Professional	Fall, Spring, Summer
ASC 2560 – Unmanned Aerial Systems	3	Professional	Spring
AVM 2410 – Principles of Airport Management	3	Professional	Spring

Term 4: Summer

Course	Credits	Course Type	Terms Offered
AST 1002 – Introduction to Astronomy or BSC 1005 – Life in Its Biological Environment or BSC 2010C – Principles of Biology I or BSC 2085C – Human Anatomy and Physiology I or CHM 1020 – Chemistry for Liberal Arts or CHM 2045C – General Chemistry and Qualitative Analysis I or ESC 1000 – Earth and Space Science or EVR 1001 – Introduction to Environmental Science or PHY 1020C – Physics for Liberal Arts with Laboratory or PHY 2048C – Physics I with Calculus or PHY 2053C – General Physics I	3-5	General Education	Fall, Spring, Summer
AVM 1440 – Aviation and Airport Security	3	Professional	Summer
AVM 2510 – Aviation Management and Marketing	3	Professional	Summer
ASC 2870 – Aviation Safety	3	Professional	Fall, Summer

Term 5: Fall, Spring or Summer

Course	Credits	Course Type	Terms Offered
ARH 2000 – Art in the Humanities or HUM 2020 – Topics in the Humanities or LIT 2000 – Literature in the Humanities or MUL 2010 – Music in the Humanities or PHI 2010 – Philosophy in the Humanities or THE 2000 – Theatre in the Humanities	3	General Education	Fall, Spring, Summer
Professional Elective course Note: AT-CTI students should complete ATT 2820.	3	Professional Elective	Varies
Professional Elective course	3	Professional Elective	Varies
Professional Elective course	3	Professional Elective	Varies

Stay on Track

Meet the associate in science degree graduation requirements:

- ☐ Complete all academic requirements for this program outlined in the Florida State College at Jacksonville catalog and curriculum.
- ☐ Earn a cumulative grade point average (GPA) of 2.0 (C) at Florida State College at Jacksonville in courses applicable to the Associate in Science degree programs, excluding developmental education courses.
- ☐ Earn an all-college cumulative grade point average of 2.0 (C) on a 4.0 scale on all courses attempted. This includes Florida State College at Jacksonville college-credit semester hours and transferred credits (excluding developmental education) in lower division courses.
- ☐ Complete at least 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 for the degree, as including a minimum of 15 semester hours in General Education.
- ☐ Demonstrate competency in civic literacy by:
 - ☐ Completing a civic literacy course – AMH 2010, AMH 2020, or POS 2041 – with a grade of C or higher.
 - ☐ Achieving of the required 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 as requiring a grade of C or higher.
- ☐ Satisfy all financial and other obligations to the College prior to graduation.

More Information Online

Program Webpage: fscj.edu/program?pcode=2360

Program Catalog Page: catalog.fscj.edu/programs/2360