

The Associate in Science (A.S.) Degree in Aviation Administration (Air Traffic Control) provides a broad overview of many “behind-the-scenes” operations that make the aviation industry function every day.

Students may choose, via elective courses, to focus on one of three areas: aircraft dispatch, air traffic control, or unmanned aerial systems.

<input checked="" type="checkbox"/> Task
<input type="checkbox"/> Explore career resources at fscj.edu/student-services/career-development .
<input type="checkbox"/> Meet with your advisor each term.
<input type="checkbox"/> Fulfill the Civic Literacy requirement.
<input type="checkbox"/> Satisfy the A.S. degree graduation requirements.

Career Options

There are numerous career paths available following completion of this degree. Graduates may pursue work in airline and air cargo operations, business aviation, airport fixed-base operations (FBO), airport operations, unmanned aerial systems (drones) or air traffic control.

Important for You to Know

This academic roadmap does not include **developmental education courses** in reading, writing, and/or mathematics that you may be required to take. 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. In addition, it does not include **MAT 1033: Intermediate Algebra**, which, for many students, is a prerequisite course for MAC 1105.

Advising

(904) 317-3844 or sam.fischer@fscj.edu.

Sample Roadmap

This roadmap provides general guidance about required courses. For specific guidance about your individual academic degree plan, please see an advisor. Also refer to the College Catalog and class schedules for additional information. **Full-time students will refer to the term-by-term recommendations, and part-time students will take courses in the order listed.**

General Education courses may be taken in any order. A list of Professional Elective Coursework options is available at the end of this document. A minimum grade of C or higher must be achieved in all professional courses, as well as courses used to satisfy the general education and civic literacy requirements.

Term 1

Note: AT-CTI students must take MAC 1105 or higher-level MAC prefix course or MAP 2302 or STA 2023.

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered
<input type="checkbox"/>	ASC 1010: Foundations of Air Transportation	3	Fall, Spring
<input type="checkbox"/>	ATT 1100: Private Pilot Theory	3	All
<input type="checkbox"/>	ATT 1810: Environment of the Air Traffic Controller	3	All
<input type="checkbox"/>	ENC 1101: English Composition I or ENC 1101C: English Composition I Enhanced	3 or 4	Varies
<input type="checkbox"/>	MAC 1105: College Algebra or higher-level MAC prefix course or MAP 2302: Differential Equations or MGF 1106: Topics in College Mathematics or MGF 1107: Explorations in Mathematics or STA 2023: Elementary Statistics	3-5	Varies

Term 2

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered
<input type="checkbox"/>	ASC 1210: Aviation Weather	3	All
<input type="checkbox"/>	ASC 2560: Unmanned Aerial Systems	3	Spring
<input type="checkbox"/>	AVM 2120: Air Cargo Operations	3	Varies
<input type="checkbox"/>	Professional Elective	3	Varies
<input type="checkbox"/>	BSC 1005: Life in Its Biological Environment or BSC 2010C: Principles of Biology I or BSC 2085C: Human Anatomy and Physiology I or AST 1002: Introduction to Astronomy 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	Varies

Term 3

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered
<input type="checkbox"/>	AMH 2020: United States History From 1877 to the Present or POS 2041: American Federal Government	3	Varies
<input type="checkbox"/>	ASC 1310: Aviation Regulations and Legal Issues	3	All
<input type="checkbox"/>	ASC 2870: Aviation Safety	3	All
<input type="checkbox"/>	AVM 1440: Aviation and Airport Security	3	Varies
<input type="checkbox"/>	Professional Elective	3	Varies

Elective Track Options

Students may choose, via elective courses, to focus on one of three areas: aircraft dispatch, air traffic control or unmanned aerial systems.

Aircraft Dispatch Track

With this track, students can go on to earn the FAA's Aircraft Dispatcher certificate and work for business and/or charter operations, air ambulance, airlines, and aircraft dispatcher. Passing both a written and practical test is required, and there may be additional costs outside FSCJ.

Although FSCJ is seeking FAA-approval, the program is not currently an authorized dispatch school. However, courses may be accepted as transfer credit towards FAA dispatcher training requirements. Interested students should check with dispatch schools to determine what may or may not transfer.

Air Traffic Control

Graduates of this track who complete the AT-CTI requirements will receive an endorsement to apply to the FAA as an Air Traffic Controller. **Note:** AT-CTI has specific course and GPA requirements. Students should be familiar with the FAA's hiring policy as well as hiring requirements such as medical, psychological, and background checks prior to employment.

Unmanned Aerial Systems (UAS)

Graduates of this track will be ready to take the FAA's Part 107 Remote Pilot exam and earn the certificate needed to conduct commercial "drone" flights and operations.

Term 4

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered
<input type="checkbox"/>	AVM 2022: Flight Operations Management	3	Varies
<input type="checkbox"/>	AVM 2410: Principles of Airport Management	3	Varies
<input type="checkbox"/>	AVM 2510: Aviation Management and Marketing	3	Varies
<input type="checkbox"/>	Professional Elective	3	Varies
<input type="checkbox"/>	ARH 2000 - Art in the Humanities or PHI 2010 - Philosophy in the Humanities or MUL 2010 - Music in the Humanities or LIT 2000 - Literature in the Humanities or HUM 2020 - Topics in the Humanities or THE 2000 - Theatre in the Humanities	3	Varies

Total Program Credit Hours

The **Aviation Administration (Air Traffic Control)** A.S. degree program requires a **minimum of 60 credit hours**. Total program hours may vary based on the student's individual degree plan. Please see an advisor for individual guidance. This program **is eligible** for financial aid.

Professional Elective Coursework Options

Minimum Credit Hours: 9

Aircraft Dispatch Track students must take ATT 1120, AVM 2132C and AVM 2134C as part of their professional elective course selections.

Air Traffic Control Track (AT-CTI) students must take ATT 2820 as part of their professional elective course selections. Additionally, AT-CTI students must

Unmanned Aerial Systems (UAS) Track students (when finalized) must take ASC 2561 and ASC 2563C as part of their professional elective course selections.

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered
<input type="checkbox"/>	ASC 1054: Introduction to Commercial Space Operations	3	Varies
<input type="checkbox"/>	ASC 2561: Unmanned Aerial Systems Operations	3	Varies
<input type="checkbox"/>	ASC 2563C: UAS Applications in Aerial Imaging	3	Varies
<input type="checkbox"/>	ATT 1120: Instrument Rating Ground School	3	Varies
<input type="checkbox"/>	ATT 2820: Air Traffic Control	3	Spring
<input type="checkbox"/>	AVM 2132C: Flight Dispatch and Scheduling	3	Varies
<input type="checkbox"/>	AVM 2134C: Flight Dispatch Theory	3	Varies
<input type="checkbox"/>	AVM 2941: Aviation Operations Internship	3	As Needed
<input type="checkbox"/>	CGS 1100C: Microcomputer Applications for Business and Economics	3	Varies
<input type="checkbox"/>	ECO 2013: Principles of Economics I	3	Varies
<input type="checkbox"/>	ECO 2023: Principles of Economics II	3	Varies
<input type="checkbox"/>	GEB 1011: Introduction to Business	3	Varies
<input type="checkbox"/>	INP 1390: Human Relations in Business and Industry	3	Varies
<input type="checkbox"/>	MAN 2043: Quality Management	3	Varies