

Aviation Administration (Air Traffic Control) (2360) (A.S.)

ASSOCIATE IN SCIENCE RECOMMENDED ROADMAP

This academic roadmap is designed to help you select courses each term for your **Associate in Science Degree in Aviation Administration (Air Traffic Control) (2360) (A.S.)**. The mission of the Aviation Administration program is to educate, train, and prepare students for careers in the aviation industry, including airport and airline management, air traffic control, aircraft dispatching, and other aspects of aviation administration. By covering topics from airline and cargo operations to FAA regulations, global trends and emerging technologies, the program produces graduates who are well prepared for careers in airline and airport management, charter and business operations, and air traffic control.

Full-time students will refer to the term-by-term recommendations, and part-time students will refer to the course-by-course recommendations. "Mile Markers and Notes" on the Roadmap refer to important guidelines for program completion.

This roadmap is intended to provide general guidance about recommended courses and mile markers. For specific guidance about your individual academic degree plan, please see a program advisor. Please also refer to the College Catalog for additional information.

Career Options: There are numerous career paths available following completion of this degree, including airport and fixed-base operations management, as well as airline careers such as gate agent, ramp agent, and flight attendant.

Students who complete the aircraft dispatch "track" 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.

Graduates who follow the ATC "track" and complete the AT-CTI requirements* will receive an endorsement to apply to the FAA as an Air Traffic Controller. *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.

Students who complete the Unmanned Aerial System (UAS) "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 Offered: F = Fall Sp = Spring Sm = Summer

Available Modalities: HB = Hybrid OC = On-Campus OL = Online

Full-Time Students: Term-by-Term	Part-Time Students: Course-by-Course	Course: Course Title	Credit Hours	Term Offered	Available Modalities	Mile Markers and Notes
Term 1						<p>Complete an academic degree plan with your advisor.</p> <p>Follow up with an advisor about any accelerated credits that you may have earned (e.g., dual enrollment, AP, CLEP, etc.).</p> <p>ENC 1101C can be taken in place of ENC 1101. Please speak with your advisor for more information.</p> <p>See the options for the General Education Requirements in the current College Catalog.</p> <p>AT-CTI (air traffic control) students must take MAC 1105 or higher.</p>
	1.	ENC 1101: English Composition I	3			
	2.	Choose 1 General Education Mathematics	3			
	3.	ASC 1010: Foundations of Air Transportation	3			
	4.	ATT 1100: Private Pilot Ground School	3			
	5.	ATT 1810: Environment of the Air Traffic Controller	3			
Term 2	6.	Choose 1 General Education Physical Sciences	3			See the options for the General Education Requirements in the current College Catalog.
	7.	ASC 1210: Aviation Weather	3			
	8.	ATT 2820: Air Traffic Control	3		Sp	
	9.	Choose 1 Professional Elective	3			See the list of professional elective options below.
	10.	AVM 2120: Air Cargo Operations	3			
Term 3	11.	POS 2112: State and Local Government	3			
	12.	ASC 1310: Aviation Regulations and Legal Issues	3			
	13.	ASC 2870: Aviation Safety	3			
	14.	AVM 1440: Aviation and Airport Security	3			
	15.	AVM 2022: Flight Operations Management	3			

Term 4	16.	PHI 2603: Introduction to Applied Ethics	3			
	17.	AVM 2410: Principles of Airport Management	3			
	18.	AVM 2510: Aviation Management and Marketing	3			
	19.	Choose 1 Professional Elective	3			See the list of professional elective options below.
	20.	Choose 1 Professional Elective	3			Apply for graduation by the required date.
						<i>Congratulations, Graduate! Celebrate your success at Commencement!</i>
Total Program Credit Hours =			60			

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. In addition, it does not include MAT 1033: Intermediate Algebra, which, for many students, is a prerequisite course for MAC 1105. Please consult with an advisor for individual assistance.
- **Professional Elective Options** (9 credit hours required)
 - ASC 1054: Intro to Commercial Space Operations (Credit Hours: 3)
 - ASC 2560: Unmanned Aerial Vehicles and Systems (Credit Hours: 3)
 - ASC 2561: Unmanned Aerial Systems Operations (Credit Hours: 3)
 - ATT 1120: Instrument Rating Ground School (Credit Hours: 3)
 - ATT 2822: Advanced Tower Operations (Credit Hours: 3)
 - ATT 2823: Air Traffic Control Non-Radar (Credit Hours: 3)
 - ATT 2824: Air Traffic Control Radar (Credit Hours: 3)
 - AVM 2132: Flight Dispatch and Scheduling (Credit Hours: 3)
 - AVM 2941: Aviation Operations Internship (Credit Hours: 3)
 - CGS 1100: Microcomputer Applications for Business and Economics (Credit. Hours: 3)
 - ECO 2013: Principles of Economics I (Credit Hours: 3)
 - ECO 2023: Principles of Economics II (Credit Hours: 3)
 - GEB 1011: Introduction to Business (Credit Hours: 3)
 - INP 1390: Human Relations in Business and Industry (Credit Hours: 3)
 - MAN 2043: Quality Management (Credit Hours: 3)