

## Professional Pilot Technology (2258) (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 Professional Pilot Technology (2258) (A.S.)**. The mission of the Professional Pilot Technology program is to educate, train, and prepare students for a career as an aviation professional, whether flying for the airlines, giving aerial tours, flying corporate or private jets, or flying bush planes in Alaska. By aligning with the latest industry trends and staying current with Federal Aviation Administration (FAA) regulations, our program produces knowledgeable, proficient, safe, and responsible pilots and flight instructors for the National Air Transportation System.

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:** Upon graduation, students will have approximately 250 flight hours. Regional airlines require our graduates to have at least 1,250 hours to be hired, so additional hours must be built in entry-level positions - flight instruction, local cargo piloting, banner towing, aerial surveying, and small charter operations. Qualified graduates may be able to teach for Sunrise Aviation, the College's flight training vendor, and/or the College itself as an adjunct faculty member.

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>Private Pilot Flight Training is done as a non-credit course. It may also be done via stand-alone, non-college flight school. Contact the program manager for more information.</p>
	1.	ENC 1101: English Composition I	3			
	2.	MAC 1105: College Algebra (or higher-level MAC-prefix course) or STA 2023: Elementary Statistics or MAP 2302: Differential Equations	3			
	3.	ASC 1210: Aviation Weather	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 Communications Category C (SPC prefix)	3			See the options for the General Education Requirements in the current College Catalog.
	7.	ASC 1310: Aviation Regulations and Legal Issues	3			
	8.	ASC 1610: Aircraft Engines, Structures and Systems	3			
	9.	ATF 1601C: Instrument Pilot Simulator	1			
	10.	ATF 2305: Instrument Flight	2			
	11.	ATT 1120: Instrument Rating Ground School	3			
Term 3	12.	Choose 1 General Education Social and Behavioral Sciences	3			See the options for the General Education Requirements in the current College Catalog.
	13.	ASC 2870: Aviation Safety	3			
	14.	ATF 2201: Commercial Flight I	2			
	15.	ATF 2202: Commercial Flight II	2			
	16.	ATF 2620C: Commercial Pilot Simulator	2			
	17.	ATT 1110: Commercial Pilot Ground School	3			
Term 4	18.	ATF 2203: Commercial Flight III	2			See the list of professional elective options below.
	19.	ATF 2400: Multi-engine Flight	2			
	20.	ATT 2640: Advanced Aircraft Operations	3			
	21.	Choose 1 General Education Humanities Course (recommend PHI 2603: Introduction to Applied Ethics)	3			
	22.	Choose 1 Professional Elective Course	3			
Term 5	23.	Choose 2 Professional Elective Courses	6			See the list of professional elective options below.  Apply for graduation by the required date.  <i>Congratulations, Graduate! Celebrate your success at Commencement!</i>
<b>Total Program Credit Hours =</b>			<b>64</b>			

### 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 1010: Foundations of Air Transportation (Credit Hours: 3) - Prerequisites: None

ASC 2560: Unmanned Aerial Vehicles & Systems (Credit Hours: 3) - Prerequisites: ATT 1100 and ASC 1210

ATT 2131: Certified Flight Instructor Ground School (Credit Hours: 3) - Prerequisites: ATF 2202 and ATF 2211

ATF 2500: Certified Flight Instructor (Credit Hours: 2) - Prerequisites: ATF 2203 and must be enrolled in, or have completed ATT 2131

AVM 1010: Aviation Management (Credit Hours: 3) - Prerequisites: None

AVM 1440: Aviation and Airport Security (Credit Hours: 3) - Prerequisites: None

AVM 2120: Air Cargo Operations (Credit Hours: 3) - Prerequisites: None

AVM 2410: Principles of Airport Management (Credit Hours: 3) - Prerequisites: None

AVM 2941: Aviation Operations Internship (Credit Hours: 3) - Prerequisites: None