

Professional Pilot Technology (2258) (A.S.)

RECOMMENDED ROADMAP

This Roadmap is a recommended way to complete this program of study. Course availability is subject to change. In some cases, a specific course is shown, but there are other options available. To review and consider other courses, see the note at the bottom of this page. Part-time students should refer to the Recommended Course Sequence list. Consult an Academic Advisor or the Engineering & Industry department before creating your actual Academic Degree Plan and refer to the [FSCJ Catalog](#) for more information.

1st Term

Course ID	Course Title	Credit Hours	Grade Earned
1* ENC 1101	English Composition I	3	
MAC 1105	College Algebra or higher	3	
ASC 1210	Aviation Weather	3	
3* ATT 1100	Private Pilot Ground School	3	
ATT 1810	Environment of the Air Traffic Controller	3	

Term Total = 15

3rd Term

Course ID	Course Title	Credit Hours	Grade Earned
2* See Note Below	Choose 1 General Education Social and Behavioral Science	3	
ASC 2870	Aviation Safety	3	
ATF 2201	Commercial Flight I	2	
ATF 2202	Commercial Flight II	2	
ATF 2620C	Commercial Pilot Simulator	2	
ATT 1110	Commercial Pilot Ground School	3	

Term Total = 15

5th Term

Course ID	Course Title	Credit Hours	Grade Earned
5* ATT 2131	Certified Flight Instructor Ground (or Elective)	3	
5* ATF 2500	Certified Flight Instructor (or Elective)	2	
5* See Note Below	Choose 2 Professional Elective courses	6	

Term Total = 11

Program Notes:

Blue courses are flight courses (or flight-related) and must be taken in the sequence shown.

1* ENC 1101C can be taken in place of ENC 1101. Please see your Advisor for more information.

2* See the options for the [General Education Requirements](#) in the 2020-2021 [FSCJ Catalog](#).

3* 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.

4* See the professional elective options on the next page or in the catalog at fscj.edu/2258

Note: Variations of the roadmap are available for students who wish to take fewer credit hours per term. Contact the Program Manager below.

2nd Term

Course ID	Course Title	Credit Hours	Grade Earned
2* See Note Below	Choose 1 General Education Communications Category B (SPC prefix only)	3	
ASC 1310	Aviation Regulations and Legal Issues	3	
ASC 1610	Aircraft Engines, Structures and Systems	3	
ATF 1601C	Instrument Pilot Simulator	1	
ATF 2305	Instrument Flight	2	
ATT 1120	Instrument Rating Ground School	3	

Term Total = 15

4th Term

Course ID	Course Title	Credit Hours	Grade Earned
ATF 2203	Commercial Flight III	2	
ATF 2400	Multi-engine Flight	2	
ATT 2640	Advanced Aircraft Operations	3	
PHI 2603	Introduction to Applied Ethics	3	
4* See Note Below	Choose 1 Professional Elective	3	

Term Total = 13

Total Credit Hours = 64

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RECOMMENDED COURSE SEQUENCE

This list shows a recommended sequence for completing the courses in this program of study. Course availability is subject to change. **Part-time students** should use this list to determine which courses to take next that fit their schedule. In some cases, a specific course is shown, but there are other options available. To review and consider other courses, see the note on page 1. Consult an Academic Advisor or the Engineering & Industry department before creating your actual Academic Degree Plan and refer to the [FSCJ Catalog](#) for more information.

- **ENC 1101** - English Composition I (Credit Hours: 3) - **Prerequisites:** Satisfactory score on the placement test (for non-exempt students only). **See program note 1*.**
- **MAC 1105** - College Algebra or higher (Credit Hours: 3) - **Prerequisites:** MAT 1033 with a grade of “C” or better or a satisfactory score on the placement test (for non-exempt students only, per Senate Bill 1720/State Board Rule 6A-10.0315).
- **ASC 1210** - Aviation Weather (Credit Hours: 3) - **Prerequisites:** None
- **ATT 1100** - Private Pilot Ground School (Credit Hours: 3). **Prerequisites:** None. **See program note 3*.**
- **ATT 1810** - Environment of the Air Traffic Controller (Credit Hours: 3). **Prerequisites:** None
- **Choose 1 General Education Communications Category B course (SPC prefix only). See program note 2*.**
- **ASC 1310** - Aviation Regulations and Legal Issues (Credit Hours: 3) - **Prerequisites:** None
- **ASC 1610** - Aircraft Engines, Structures and Systems (Credit Hours: 3) - **Prerequisites:** ATT 1100.
- **ATF 1601C** - Instrument Pilot Simulator (Credit Hours: 1) - **Prerequisites:** ATT 1120. **Students must hold a Private Pilot Certificate See program note 3*.** **Corequisites:** ATT 1120.
- **ATF 2305** - Instrument Flight (Credit Hours: 2) - **Prerequisites:** Student must hold a Private Pilot, Airplane Single-Engine Land Certificate. **See program note 3*.** Must be enrolled in, or have completed ATT 1120. **Corequisites:** ATF 1601C.
- **ATT 1120** - Instrument Rating Ground School (Credit Hours: 3) - **Prerequisites:** ATT 1100.
- **Choose 1 General Education Social and Behavioral Science. See program note 2*.**
- **ASC 2870** - Aviation Safety (Credit Hours: 3). **Prerequisites:** None
- **ATF 2201** - Commercial Flight I (Credit Hours: 2) – **Prerequisites:** ATF 2305 and enrolled in or completed ATT 1100. **Corequisites:** ATT 1110 and ATF 2620C.
- **ATD 2202** - Commercial Flight II (Credit Hours: 2) – **Prerequisites:** ATF 2201.
- **ATF 2620C** - Commercial Pilot Simulator (Credit Hours: 2) - **Prerequisites:** ATF 2305 and ATT 1110. **Corequisites:** ATT 1110
- **ATT 1110** - Commercial Pilot Ground School (Credit Hours: 3) - **Prerequisites:** ATF 2305
- **ATF 2203** - Commercial Flight III (credit Hours: 2) – **Prerequisites:** ATF 2202.
- **ATF 2400** - Multi-Engine Flight (Credit Hours: 2) – **Prerequisites:** ATF 2203.
- **ATT 2640** - Advanced Aircraft Operations (Credit Hours: 3) - **Prerequisites:** ATF 2203 or ATF 2211.
- **PHI 2603** - Introduction to Applied Ethics (Credit Hours: 3) - **Prerequisites:** ENC 1101 or ENC 1101C with a grade of “C” or better.

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
- ASC 2561 – Unmanned Aerial Systems Operations (Credit Hours: 3) - **Prerequisites:** ASC 2560.
- 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.

Total Credit Hours = 64

To view a list of the [General Education Requirements](https://catalog.fscj.edu/), please visit our online catalog: <https://catalog.fscj.edu/>

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 instructor, local cargo pilot, 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.

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