



AEROSPACE ADMINISTRATION AND OPERATIONS: PROFESSIONAL PILOT, BS

The following guide is for students matriculating in or before the academic year **2026-2027**. Official degree requirements can be found at <https://catalog.okstate.edu/degree-programs/>. This plan may be adjusted based on individual needs, please consult with your academic advisor. [Prerequisite coursework is listed below in brackets]

Minimum Overall GPA: 2.50

Total Hours: 121

YEAR 1, FALL SEMESTER (13 hours)

ENGL 1113 <i>Composition I</i> or ENGL 1313 <i>Critical Analysis and Writing I</i>
AVED 1114 <i>Theory of Flight (Fall Only)</i>
HIST 1103 <i>Survey of American History</i> or HIST 1483 <i>American History to 1865 (H)</i> or HIST 1493 <i>American History Since 1865 (DH)</i>
UNIV 1111 <i>First Year Seminar</i>
AVED 1222 <i>Private Flight Laboratory I</i> or AVED 1210 <i>Private Flight Laboratory 1A (2 credits total)</i>

YEAR 1, SPRING SEMESTER (14 hours)

ENGL 1213 <i>Composition II</i> or ENGL1413 <i>Critical Analysis and Writing II</i> or ENGL 3323 <i>Technical Writing</i>
AVED 1403 <i>Advanced Theory of Flight</i>
POLS 1113 <i>American Government</i>
MATH 1513 <i>College Algebra (Q)</i>
AVED 1232 <i>Private Flight Laboratory II</i> or AVED 1230 <i>Private Flight Laboratory 2A (2 credits total)</i>

YEAR 2, FALL SEMESTER (17 hours)

EDHS 3111 <i>Preparing for Your Future Career</i>
AVED 3113 <i>History of Aviation</i>
AVED 2213 <i>Theory of Instrument Flight</i>
PHYS 1114 <i>General Physics I (LN)</i> [MATH 1513 with a "C" or better] or higher level PHYS
Course designated (H) - 3 hours
AVED 2133 <i>Instrument Flight Laboratory</i> or AVED 2130 <i>Instrument Flight Laboratory 1A (3 credits total)</i> [AVED 1222 and AVED 1232]

YEAR 2, SPRING SEMESTER (15 hours)

AVED 2313 <i>Theory of Commercial Flight</i>
AVED 3453 <i>Aviation/Aerospace Security Issues</i>
GEOG 3033 <i>Meteorology (N)</i>
Course designated (G) - 3 hours
Electives - 3 hours of electives [LEIS courses do not count]

YEAR 3, FALL SEMESTER (14 hours)

AVED 3231 <i>Theory of Multi-Engine Flight</i>
AVED 3243 <i>Human Factors in Aviation</i>
AVED 3443 <i>Aviation Legal and Regulatory Issues</i>
AVED 4303 <i>Aviation Weather (Fall Only)</i>
Course designated (H) - 3 hours
AVED 2121 <i>Intermediate Flight Lab</i> or AVED 2120 <i>Intermediate Flight Laboratory 1A (1 credit total)</i> [AVED 2133]

YEAR 3, SPRING SEMESTER (17 hours)

	AVED 3533 Aircraft Turbine Engine Operations (Spring Only)
	AVED 4133 Principles of Flight Instruction
	Course designated (D)- 3 hours
	Course designated (S) - 3 hours
	Electives- 3 hours of electives [LEIS courses do not count]
	AVED 2142 Commercial Maneuvers Flight Lab or AVED 2140 Commercial Maneuvers Flight Laboratory 1A (2 credits total) [AVED 2122]

YEAR 4, FALL SEMESTER (17 hours)

	AVED 4113 Aviation Safety
	AVED 4653 International Aerospace Issues (G)
	AVED 4993 Aviation Labor Relations
	Course designated (Q), (H), (N), (S), (D), (G), or (F) - 3 hours
	AVED 3333 Advanced Aircraft Systems (Fall Only)
	AVED 3342 Multiengine Commercial Flight Laboratory (2 credits) [AVED 2142] or AVED 2162 Single Engine Commercial Flight Lab (2 credits) [AVED 2142]

YEAR 4, SPRING SEMESTER (14 hours)

	AVED 3433 Aviation/Aerospace Ethics
	AVED 4703 Crew Resource Management [AVED 2133 & AVED 2142]
	AVED 3663 Aerospace and Air Carrier Industry
	AVED 4353 Cockpit Automation [AVED 2133]
	AVED 4232 Flight Instructor: Airplane Flight Laboratory or AVED 4230 Flight Instructor Flight Laboratory 1A (2 credits total) [AVED 3342 or AVED 2162]

IMPORTANT: File diploma application with enrollment.

Prior to enrolling in an OSU math class, you will need to complete the Math Placement Exam to ensure success in your first math course. The OSU Math Placement Exam is designed to find the strengths and weaknesses of your mathematical knowledge, report results to you, and then, if necessary, provide you with online learning modules for improving your knowledge to prepare for the appropriate course. **Math Placement Exam:** <https://go.okstate.edu/admissions/orientation-and-enrollment/math-placement>.

Official degree requirements can be found at <https://registrar.okstate.edu/Degree-Requirements>.

Program Entrance Requirement:

- Selection into OSU's professional pilot option through the competitive secondary application process is required.

Other Requirements:

- 1) 40 hours of upper-division course work
- 2) A 2.50 GPA is required in the Major Requirements with no grade below a "C".

Additional State/OSU Requirements:

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

This plan is provided as a courtesy. The official degree requirements sheet is used to determine eligibility for graduation. The plan above is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.