



Oklahoma State University

# AEROSPACE ADMINISTRATION AND OPERATIONS: PROFESSIONAL PILOT, BS

The following plan is for students matriculating in or before the academic year 2019-2020

This plan may be adjusted based on individual needs. For official degree requirements visit <https://registrar.okstate.edu/Degree-Requirements>.

Minimum Overall GPA: 2.50

Total Hours: 120

## YEAR 1 FALL (14 hours)

ENGL 1113 Composition I or ENGL 1313 Critical Analysis and Writing I
AVED 1114 Theory of Flight
HIST 1103 Survey of American History or HIST 1483 American History to 1865 or HIST 1493 American History Since 1865
Course designated (S), (DS), or (IS)- 3 hours
EDUC 1111 First Year Seminar (Fall Only)

## YEAR 1 SPRING (12 hours)

ENGL 1213 Composition II or ENGL 1413 Critical Analysis and Writing II or ENGL 3323 Technical Writing
AVED 1403 Advanced Theory of Flight [AVED 1114, FAA Private Pilot Written Exam]
POLS 1113 American Government
MATH 1513 College Algebra

## YEAR 2 FALL (13 hours)

AVED 2113 History of Aviation
AVED 2213 Theory of Instrument Flight [AVED 1403]
PHYS 1114 General Physics I [MATH 1513 with a "C" or better]
Course designated (H), (DH), or (HI)- 3 hours

## YEAR 2 SPRING (15 hours)

AVED 2313 Theory of Commercial Flight [Passed Private Pilot Knowledge Exam]
AVED 3453 Aviation/Aerospace Security Issues
GEOG 3033 Meteorology
Course designated (A), (H), (N) or (S)- 3 hours
Electives - 3 hours of elective

## YEAR 3 FALL (13 hours)

AVED 3341 Theory of Multi-Engine Flight [AVED 2142]
AVED 3243 Human Factors in Aviation
AVED 3443 Aviation Legal and Regulatory Issues
AVED 4303 Aviation Weather [GEOG 3033]
Course designated (H), (DH), or (HI)- 3 hours

**YEAR 3 (Continued)****SPRING (15 hours)**

	<b>AVED 3333</b> Advanced Aircraft Systems [ <b>AVED 2313</b> ]
	<b>AVED 3533</b> Aircraft Turbine Engine Operations ( <b>Spring Only</b> )
	<b>AVED 4133</b> Principles of Flight Instruction
	Course designated (A), (H), (N) or (S)- 3 hours
	Electives- 3 hours of electives

**YEAR 4****FALL (12 hours)**

	<b>AVED 4113</b> Aviation Safety
	<b>AVED 4703</b> Crew Resource Management [ <b>AVED 2142 &amp; AVED 3243</b> ]
	<b>AVED 4993</b> Aviation Labor Relations
	Course designated (A), (H), (N) or (S)- 3 hours

**SPRING (12 hours)**

	<b>AVED 3433</b> Aviation/Aerospace Ethics
	<b>AVED 4653</b> International Aerospace Issues
	<b>AVED 3663</b> Aerospace and Air Carrier Industry
	<b>AVED 4353</b> Cockpit Automation [ <b>AVED 2133</b> ]

\*[Prerequisite courses are listed in brackets]

Course Attribute Guide: (A) Analytical and Quantitative Thought; (H) Humanities; (S) Social and Behavioral Sciences; (N) Natural Sciences; (L) Scientific Investigation – Laboratory Science; (D) Diversity; (I) International Dimension

**Additional Required Flight Training**

**AVED 1222** Private Flight Laboratory I  
**AVED 1232** Private Flight Laboratory II  
**AVED 2133** Instrument Flight Laboratory  
**AVED 2122** Intermediate Flight Laboratory  
**AVED 2142** Commercial Maneuvers Flight Laboratory  
**AVED 3231** Multi-Engine Flight Laboratory  
**AVED 4232** Certified Flight Instructor Flight Laboratory  
**Additional Required Credit hours:**  
**14 hours**