

# AEROSPACE ADMINISTRATION AND OPERATIONS: TECHNICAL SERVICE MANAGEMENT, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2023-2024.** Learn more about University Academic Regulation 3.1 (<http://catalog.okstate.edu/university-academic-regulations/#matriculation>).

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 ( <a href="http://catalog.okstate.edu/university-academic-regulations/#english-composition">http://catalog.okstate.edu/university-academic-regulations/#english-composition</a> )		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		7
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		9
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
Some or all may need to be upper-division		
EDHS 1112	First Year Seminar	2
Select 15 hours		15

Recommended Courses:

AVED 1114	Theory of Flight	
AVED 1210	Private Flight Laboratory 1A	
or AVED 1222	Private Flight Laboratory I	
AVED 4100	Specialized Studies in Aviation (3 hours)	
AVED 4200	Internship in Aviation (variable hours)	
<b>Hours Subtotal</b>		<b>17</b>
<b>Major Requirements</b>		
Minimum GPA 2.50 with a minimum grade of "C" in each course		
AVED 3113	History of Aviation	3
AVED 3433	Aviation/Aerospace Ethics	3
AVED 3443	Aviation Legal and Regulatory Issues	3
AVED 3453	Aviation/Aerospace Security Issues	3
AVED 3513	Aviation/Aerospace Management Principles	3
or AVED 3333	Advanced Aircraft Systems	
AVED 3543	Aerospace Organizational Communications	3
or AVED 3243	Human Factors in Aviation	
AVED 3573	Aviation/Aerospace Finance	3
or AVED 3533	Aircraft Turbine Engine Operation	
AVED 3663	Aerospace and Air Carrier Industry	3
AVED 4113	Aviation Safety	3
AVED 4653	International Aerospace Issues (I)	3
AVED 4663	Aerospace Leadership	3
or AVED 4303	Aviation Weather	
AVED 4953	Corporate and General Aviation Management	3
or AVED 4353	Cockpit Automation	
AVED 4993	Aviation Labor Relations	3
Select 24 hours of coursework in Aviation Science		24
<b>Hours Subtotal</b>		<b>63</b>
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- 40 hours of upper-division coursework.
- 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 2029.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below 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.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History or American History to 1865 (H) or American History Since 1865 (DH)	3
EDHS 1112	First Year Seminar	2
MATH or STAT course designated (A)		3
Course designated (H), (DH) or (HI)		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II or Critical Analysis and Writing II or Technical Writing	3
POLS 1113	American Government	3
Course designated (H), (DH) or (HI)		3
Course designated (A), (H), (N) or (S)		3
Course designated (N, L)		4
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
AVED 3113	History of Aviation	3
Course designated (A), (H), (N) or (S)		3
Aviation Applied Science Elective course		6
3 hours of electives - choose (D) or (I) course if (D) or (I) requirement not already satisfied; LEIS courses do not count		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
AVED 3453	Aviation/Aerospace Security Issues	3
Course designated (N)		3
Course designated (A), (H), (N) or (S)		3
6 hours of electives - LEIS courses do not count		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
AVED 3333 or AVED 3513	Advanced Aircraft Systems or Aviation/Aerospace Management Principles	3
AVED 3543 or AVED 3243	Aerospace Organizational Communications or Human Factors in Aviation	3
Aviation Applied Science Elective course		6
3 hours of electives - LEIS courses do not count		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
AVED 3433	Aviation/Aerospace Ethics	3
AVED 3443	Aviation Legal and Regulatory Issues	3
AVED 3533 or AVED 3573	Aircraft Turbine Engine Operation or Aviation/Aerospace Finance	3
Course designated (S), (DS), or (IS)		3
Aviation Applied Science Elective course		3
<b>Hours</b>		<b>15</b>

### Senior

#### Fall

AVED 4113	Aviation Safety	3
AVED 4993	Aviation Labor Relations	3
AVED 4303 or AVED 4663	Aviation Weather or Aerospace Leadership	3
Aviation Applied Science Elective course		6

#### Hours

15

#### Spring

AVED 3663	Aerospace and Air Carrier Industry	3
AVED 4353 or AVED 4953	Cockpit Automation or Corporate and General Aviation Management	3
AVED 4653	International Aerospace Issues (I)	3
3 hours of electives - LEIS courses do not count		3
Aviation Applied Science Elective course		3

#### Hours

15

#### Total Hours

120