## AEROSPACE ADMINISTRATION AND OPERATIONS: PROFESSIONAL PILOT, BS

Requirements for Students Matriculating in or before Academic Year 2018-2019. Learn more about University Academic Regulation 3.1 ([http://catalog.okstate.edu/university-academic-regulations/#matriculation](http://catalog.okstate.edu/university-academic-regulations/#matriculation)).

Minimum Overall Grade Point Average: 2.50
Total Hours: 120

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1113</td>
<td>Composition I</td>
<td>3</td>
</tr>
<tr>
<td>or ENGL 1313</td>
<td>Critical Analysis and Writing I</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1213</td>
<td>Composition II</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1413</td>
<td>Critical Analysis and Writing II</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 3323</td>
<td>Technical Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

### American History & Government
Select one of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 1103</td>
<td>Survey of American History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 1483</td>
<td>American History to 1865</td>
<td>3</td>
</tr>
<tr>
<td>HIST 1493</td>
<td>American History Since 1865</td>
<td>3</td>
</tr>
<tr>
<td>POLS 1113</td>
<td>American Government</td>
<td>3</td>
</tr>
</tbody>
</table>

### Analytical & Quantitative Thought (A)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1513</td>
<td>College Algebra (A) (or higher MATH or STAT (A) course)</td>
<td>3</td>
</tr>
</tbody>
</table>

### Humanities (H)

- Courses designated (H) | 6
- Natural Sciences (N)
- Must include one Laboratory Science (L) course
  - GEOG 3033 | Meteorology (N) | 3
  - PHYS 1114 | College Physics I (LN) | 4

### Social & Behavioral Sciences (S)

- Course designated (S) | 3
- Additional General Education
- Courses designated (A), (H), (N), or (S) | 9

**Hours Subtotal**: 73

### New Total Hours: 120

**Other Requirements**
- 40 hours of upper-division course work.
- 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 2024.

### Additional Course Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVED 4100</td>
<td>Specialized Studies in Aviation</td>
<td>2</td>
</tr>
</tbody>
</table>

### Other Courses

- AVED 4200 | Internship in Aviation | 7
- Major Requirements
  - Minimum GPA 2.50 with a minimum grade of “C” in each course
    - AVED 1114 | Theory of Flight | 4
    - AVED 1222 | Private Flight Laboratory I | 2
    - AVED 1232 | Private Flight Laboratory II | 2
    - AVED 1403 | Advanced Theory of Flight | 3
    - AVED 2113 | History of Aviation | 3
    - AVED 2122 | Intermediate Flight Lab | 2
    - AVED 2133 | Instrument Flight Laboratory | 3
    - AVED 2142 | Commercial Maneuvers Flight Lab | 2
    - AVED 2213 | Theory of Instrument Flight | 3
    - AVED 2313 | Theory of Commercial Flight | 3
    - AVED 3231 | Theory of Multi-Engine Flight | 1
    - AVED 3243 | Human Factors in Aviation | 3
    - AVED 3333 | Advanced Aircraft Systems | 3
    - AVED 3341 | Multi-Engine Flight Laboratory | 1
    - AVED 3433 | Aviation/Aerospace Ethics | 3
    - AVED 3443 | Aviation Legal and Regulatory Issues | 3
    - AVED 3453 | Aviation/Aerospace Security Issues | 3
    - AVED 3533 | Aircraft Turbine Engine Operation | 3
    - AVED 3663 | Aerospace and Air Carrier Industry | 3
    - AVED 4113 | Aviation Safety | 3
    - AVED 4133 | Principles of Flight Instruction | 3
    - AVED 4232 | Flight Instructor: Airplane Flight Laboratory | 2
    - AVED 4303 | Aviation Weather | 3
    - AVED 4353 | Cockpit Automation | 3
    - AVED 4653 | International Aerospace Issues (I) | 3
    - AVED 4703 | Crew Resource Management | 3
    - AVED 4993 | Aviation Labor Relations | 3

**Total Hours Subtotal**: 73

**Total Hours**: 120