AVIATION MAINTENANCE MANAGEMENT - B.S.

College of Aeronautics and Engineering
www.kent.edu/cae

About This Program
The Aviation Maintenance Management program provides students with the theoretical and management knowledge as well as the interpersonal and relational skills needed to excel in the aviation maintenance industry. With experienced faculty and flexible delivery, you'll be prepared to succeed in a wide range of aviation maintenance management roles. Read more...

Contact Information
• Program Coordinator: Jonathan Weaver | jweaver9@kent.edu | 330-672-3197
• Speak with an Advisor
• Chat with an Admissions Counselor

Program Delivery
• Delivery:
  • Fully online

Examples of Possible Careers
• Aviation Chief Inspector
• Aviation Maintenance Lead
• Aviation Maintenance Manager
• Aviation Maintenance Supervisor
• Director of Aviation Maintenance

Admission Requirements
Admission to this program is selective. Applicants must hold Airframe and Powerplant certificates issued by the Federal Aviation Administration (FAA) or the equivalent certification from an International Civil Aviation Organization (ICAO) member state.

International Students: All international students must provide proof of English language proficiency unless they meet specific exceptions. For more information, visit the admissions website for international students.

Program Requirements

Major Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 23020</td>
<td>INTRODUCTION TO FINANCIAL ACCOUNTING</td>
<td>3</td>
</tr>
<tr>
<td>AERN 22500</td>
<td>INTRODUCTION TO AVIATION MAINTENANCE MANAGEMENT</td>
<td>2</td>
</tr>
<tr>
<td>AERN 30000</td>
<td>PROFESSIONAL DEVELOPMENT IN AERONAUTICS</td>
<td>1</td>
</tr>
<tr>
<td>AERN 32400</td>
<td>AVIATION COMMUNICATIONS</td>
<td>2</td>
</tr>
<tr>
<td>AERN 42000</td>
<td>HUMAN FACTORS IN AVIATION MAINTENANCE</td>
<td>2</td>
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Minor Requirements (courses count in major GPA)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ECON 22060</td>
<td>PRINCIPLES OF MICROECONOMICS (KSS)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 11010</td>
<td>ALGEBRA FOR CALCULUS (KMCR)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 11022</td>
<td>TRIGONOMETRY (KMCR)</td>
<td>3</td>
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Kent Core Composition
6
Kent Core Humanities and Fine Arts (minimum one course from each)
9
Kent Core Social Sciences (must be from two disciplines) 2
3
Kent Core Basic Sciences (must include one laboratory)
6-7
Kent Core Additional
3
FAA Airframe and Powerplant Certification (or international equivalent)
30
General Electives (total credit hours depends on earning 120 credits hour, including 39 upper-division credit hours) 3
11

Minimum Total Credit Hours: 120

1 A minimum C grade must be earned to fulfill the writing-intensive requirement.
2 Recommended: ECON 22061 to complete requirement for the Business minor.
3 Recommended: CIS 24053 to complete requirement for the Business minor.

Graduation Requirements

<table>
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<tr>
<th>Minimum Major GPA</th>
<th>Minimum Overall GPA</th>
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<tr>
<td>2.500</td>
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Roadmap
This roadmap is a recommended semester-by-semester plan of study for this major. However, courses designated as critical (!) must be completed in the semester listed to ensure a timely graduation.
### University Requirements

All students in a bachelor's degree program at Kent State University must complete the following university requirements for graduation.

### Kent Core Requirements

- Kent Core Composition (KCMP) 6
- Kent Core Mathematics and Critical Reasoning (KMCR) 3
- Kent Core Humanities and Fine Arts (KHUM/KFA) (min one course each) 9
- Kent Core Social Sciences (KSS) (must be from two disciplines) 6
- Kent Core Basic Sciences (KBS/KLAB) (must include one laboratory) 6-7
- Kent Core Additional (KADL) 6
- Total Credit Hours: 36-37

### Program Learning Outcomes

Graduates of this program will be able to:

1. Employ requisite knowledge, skills and techniques to supervise the inspection, repair and return of aircraft to service.
2. Integrate skills and knowledge essential to the management of aircraft maintenance programs with a focus on safety and efficiency.
3. Incorporate skills and knowledge needed to effectively lead and manage a team of people working in a maintenance repair organization.

### Full Description

The Bachelor of Science degree in Aviation Maintenance Management is a completer program designed to prepare certified aviation maintenance technicians with the necessary knowledge and skills to further develop professionally and advance their careers in the areas of leadership, communication and management.

Students will be able to complete the bachelor’s degree in under four years. Students are able earn the Business minor by choosing the final minor required courses from their general electives.