Did you know...

584,000 new maintenance technicians will be needed to maintain the world fleet over the next 20 years.
Source: The 2014 Boeing Pilot & Technician Outlook

$55,980 – median salary of an aircraft mechanic with a range from $35,000 - $76,000 possible based on certifications and education
Source: Bureau of Labor Statistics

Rock Valley College has a state-of-the-art Aviation Maintenance Educational Facility, newly opened at Chicago Rockford International Airport.

All required 300-400 courses in NIU’s Aviation Management Technology program are offered online.

Advancement opportunities include repair and maintenance of specialized equipment, inspectors for the FAA or managing a maintenance facility.

Most mechanics who work on civilian aircraft have either one or both of the FAA’s Airframe and Powerplant (A&P) certificates.

Integrated Work-Based Learning Components

See back panel for more specific program requirements >>
### Recommended Aviation Technology Pathway

<table>
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<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
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<tr>
<td>Grade 9</td>
<td>Orientation to Transportation</td>
<td>Automotive Technology I</td>
<td>Automotive Technology II</td>
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<td>Grade 10</td>
<td>Automotive Technology III</td>
<td>Materials &amp; Processes (AVM 101)*</td>
<td>Basic Electricity (AVM 102)</td>
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<tr>
<td>Grade 11</td>
<td>Tech Elective*</td>
<td>Aircraft Electrical Systems (AVM 245)</td>
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<tr>
<td>Grade 12</td>
<td>Automotive Suspension and Brakes Certificate (RVC Course)</td>
<td>Basic Powerplants (AVM 162)</td>
<td>Recomb and Publications (AVM 104)</td>
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</tbody>
</table>

**Recommended Math/Science**
- Composition I (ENG 101) or Introduction to Technical Writing (ENG 110) or Fundamentals of Communication (SPH 131) or Composition II (ENG 103)
- Technical Writing (ENG 308)
- Basic Physics and Laboratory (PHYS 150A)

**Recommended Electrolytes**
- FAA Airframe and Powerplant Certificates (TECH 265)
- Introduction to Industrial Organization (TECH 407)
- Supervision in Industry (TECH 308)
- Project Management (TECH 497)

**Professional Learning/Internships**
- FAA Airframe and Powerplant Certificates (TECH 265)
- Complete Industry Training (TECH 407)
- Quality Control (TECH 497)
- Professional Learning/Internships (TECH 407)

**Industry Credentials Earned**
- FAA Airframe and Powerplant Certificates
- FAA Airframe and Powerplant Certificates
- FAA Airframe and Powerplant Certificates

**Degree Completion Information**
- Associates in Applied Science (82 credits)
- Associates in Applied Science (82 credits)
- Associates in Applied Science (82 credits)

**Local Entry Level Positions after Degree**
- Local Entry Level Positions after Degree
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