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.

2014 median pay nationwide - $55,980 annually
# Recommended Aviation Technology Pathway

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
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<tbody>
<tr>
<td>Grade 9</td>
<td>Grade 10</td>
<td>Grade 11</td>
<td>Grade 12</td>
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<tr>
<td>Freshman Seminar</td>
<td>Orientation to Transportation</td>
<td>Automotive Technology I</td>
<td>Automotive Technology II</td>
</tr>
<tr>
<td>Year 1</td>
<td>Year 2</td>
<td>Year 3</td>
<td>Year 4</td>
</tr>
<tr>
<td>Semester 1</td>
<td>Semester 2</td>
<td>Semester 3</td>
<td>Semester 4</td>
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<tr>
<td>Ignition Systems (AVM-163)</td>
<td>Engine Electrical Systems (AVM-165)</td>
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</tbody>
</table>

### Recommended Math/Science
- Elementary Physics (AVM-104)
- Algebra (AVM-105)
- Physical Science (AVM-106)
- Statistics (AVM-107)
- Calculus (AVM-108)
- Math Elective (AVM-109)

### Recommended English/Social Studies
- English I (ENG-101)
- Composition I (ENG-102)
- Composition II (ENG-103)
- Technical Writing (ENG-104)
- Reading and Composition (ENG-105)
- Advanced Composition (ENG-106)

### Recommended Electives
- Aircraft Drawing - Weight & Balance (AVM-220)
- Aircraft Inspection (AVM-221)
- Aircraft Systems (AVM-222)
- Propeller Systems (AVM-223)
- Aircraft Fuel Systems (AVM-224)

### Degree Completion Information
- Rockford Public Schools: 18 credits
- Northern Illinois University: 30 credits

### Local Entry Level Positions after Degree

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### Key
- Career-focused instructional sequence
- Academic Competencies
- Professional Learning