**AGRICULTURAL MECHANICS TECHNOLOGY**  
- Program of Study -

**Career Cluster:** Agriculture Food and Natural Resources  
**Career Pathway:** Power, Structural and Technical Systems

This Academic Plan is based upon the state requirements needed for an Advanced Diploma. Academic course names may vary among school districts.

<table>
<thead>
<tr>
<th>Grade</th>
<th>1&lt;sup&gt;st&lt;/sup&gt; Course</th>
<th>2&lt;sup&gt;nd&lt;/sup&gt; Course</th>
<th>3&lt;sup&gt;rd&lt;/sup&gt; Course</th>
<th>4&lt;sup&gt;th&lt;/sup&gt; Course</th>
<th>5&lt;sup&gt;th&lt;/sup&gt; Course</th>
<th>6&lt;sup&gt;th&lt;/sup&gt; Course (CTE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9&lt;sup&gt;th&lt;/sup&gt; Grade</td>
<td>English I</td>
<td>Algebra I</td>
<td>Biology</td>
<td>Health / Computer Literacy</td>
<td>Physical Education</td>
<td>Agricultural Mechanics Technology I</td>
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<tr>
<td>10&lt;sup&gt;th&lt;/sup&gt; Grade</td>
<td>English II</td>
<td>Geometry</td>
<td>Chemistry or Geoscience</td>
<td>World History</td>
<td>Physical Education</td>
<td>Agricultural Mechanics Technology II</td>
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<tr>
<td>11&lt;sup&gt;th&lt;/sup&gt; Grade</td>
<td>English III</td>
<td>Algebra II</td>
<td>Science Course or Elective</td>
<td>US History</td>
<td>Foreign Language&lt;sup&gt;2&lt;/sup&gt; or Elective</td>
<td>Agricultural Mechanics Technology III&lt;sup&gt;3&lt;/sup&gt;</td>
</tr>
<tr>
<td>12&lt;sup&gt;th&lt;/sup&gt; Grade</td>
<td>English IV</td>
<td>Senior Level Math Course</td>
<td>Elective&lt;sup&gt;1&lt;/sup&gt;</td>
<td>US Government</td>
<td>Foreign Language&lt;sup&gt;2&lt;/sup&gt; or Elective&lt;sup&gt;1&lt;/sup&gt;</td>
<td>Agricultural Mechanics Technology Advanced Studies</td>
</tr>
</tbody>
</table>

1. Electives may include arts and humanities courses or other career and technical education courses that relate to the program of study.
2. Foreign Language courses are recommended if a student is planning on entering a university. (See individual university admission policies)
3. CTE Assessments will be administered during the completion level CTE course.

**Career and Technical Student Organizations**  
- FFA

**Work-Based Learning**  
- Job Shadowing / Internship / Work Experience / Career Days / Career Fairs / Field Trips / Guest Speakers / SAE

**CTE Assessments**  
1) End of Program Technical Assessment for Agricultural Mechanics Technology  
2) Workplace Readiness Skills Assessment (for Employability Skills Standards)

**Postsecondary Options**  
- College of Southern Nevada / Great Basin College / Nevada State College / Truckee Meadows Community College / University of Nevada, Las Vegas / University of Nevada, Reno / Western Nevada College

**Secondary Program Requirements**  
Student must earn the state Certificate of Skill Attainment in Agricultural Mechanics Technology.

**Postsecondary Credit Options**  
- Great Basin College 11 Credits  
- Truckee Meadows Community College 9 Credits  
- Western Nevada College 10 Credits

**State Articulation Agreements for CTE College Credit**

**High Wage - High Skill - High Demand Careers**  
- Welder / Agriculture Educator / Education and Extension Specialist / Agriculture Engineer / Equipment/Parts Manager / Machinists

**State Recognized Industry Certifications**  
Refer to the Governor’s Office of Workforce Innovation’s Nevada Eligible Industry Credentialing List

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