**DIESEL TECHNOLOGY**

- **Program of Study** -

**Career Cluster:** Transportation, Distribution & Logistics  
**Career Pathway:** Facility & Mobile Equipment Maintenance

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>Diesel 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>Diesel 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&lt;sup&gt;1&lt;/sup&gt;</td>
<td>US History</td>
<td>Foreign Language&lt;sup&gt;2&lt;/sup&gt; or Elective&lt;sup&gt;1&lt;/sup&gt;</td>
<td>Diesel 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>Diesel 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**

SkillsUSA

**Work-Based Learning**

Job Shadowing / Internship / Work Experience / Career Days / Career Fairs / Field Trips / Guest Speakers

**CTE Assessments**

1) End of Program Technical Assessment for Diesel 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 Diesel Technology.

**Postsecondary Credit Options**

| Great Basin College | 6 Credits | Truckee Meadows Community College | 8 Credits |

**High Wage - High Skill - High Demand Careers**

- Diesel Service Technician / Diesel Mechanic / Diesel Master Mechanic / Diesel Specialty Technician / Diesel Engine Specialist / Service Writer / Parts and Service Manager / Parts Specialist

**State Recognized Industry Certifications**

Refer to the Governor’s Office of Workforce Innovation’s [Nevada Eligible Industry Credentialing List](#)

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