

# Welding Technology



## Major Career Options

Sheet Metal Worker, Plumber, Pipe Fitter, Iron Worker	Mechanical Engineer , Entrepreneur , Machinist , CNC Machine Operator , Millwright	Automotive Technology , Auto Body , Air Craft Mechanic	Mining , Structural Metal Worker , Agriculture
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Graduation Requirements / Recommended Career Pathway classes (bold text) / CTE diploma classes (italicized text) / recommend electives (underlined)

(CTE Diploma Course Requirements: 22 1/2 credits; 4 CTE courses, 2 in one area; work experience counts only if in related courses; no F's.)

9 <sup>th</sup> Grade		10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<i>Semester 1</i>	<i>Semester 2</i>	<i>Semester 1&amp;2</i>	<i>Semester 1&amp;2</i>	<i>Semester 1&amp;2</i>
English I		English II	English III	English IV
Discovery Science		Biology	Chemistry	Physics
Algebra, Geometry		Algebra II	Algebra III	Government
Computer Literacy and Health		World History	U.S. History	Machine Tool Technology
Physical Education		Physical Education	Auto Body I, Machine Tool Technology	Auto Body II .Auto II
Elective- Welding Tech I		<b>Welding Tech I or II</b>	<b>Welding Tech II or III</b>	<b>Welding Tech Projects</b>
Work-Based Learning Opportunities		Tech Prep Articulation Agreements or University Articulation Agreements	Career-Technical Student Organizations (CTSOs) and Clubs	Certifications
<ul style="list-style-type: none"> <li>Career Awareness</li> <li>Cooperative Education</li> <li>Job Shadowing</li> <li>Paid/Unpaid Internship</li> <li>School-Based Enterprise</li> <li>Service Learning</li> </ul>		<p>WNC</p> <p><b>Welding 211</b> <b>Welding 221</b> <b>Welding 231B</b></p>	<ul style="list-style-type: none"> <li>Skills USA</li> <li></li> </ul>	

Post-Secondary Options			
Two-Year College or Proprietary Program	Apprenticeships	Four-Year College and University Programs	Training Certificates, Licenses, On the Job Training, etc.
Western Nevada College (AAS) <ul style="list-style-type: none"> <li>Weld Certification</li> <li>WyoTech</li> </ul> Truckee Meadows College (AAS) <ul style="list-style-type: none"> <li>Weld Certification</li> <li>Truckee Meadows College – Certificate of Achievement</li> <li>UTI</li> </ul>	J A T C Joint Apprenticeship Training Committee	University of Reno  University Nevada Las Vegas	