



**Career and Technical Education Pathway  
Engineering and Applied Technology  
Welding Technology**

**Basic Welding Certificate**

The Welding Technology curriculum provides students with a sound understanding of the science, technology, and applications essential for successful employment in the welding and metal industry. The Basic Welding Technology Certificate gives students a basic understanding of the principles and skills of modern day welding. Upon completion, students should be able to apply basic welding techniques in both SMAW and GMAW welding.

<b>CORE COURSES</b>			
Course Prefix/Num	Course Title		
<a href="#">WLD 110</a>	Cutting Processes	2	SHC
<a href="#">WLD 115</a>	SMAW (Stick) Plate	5	SHC
<a href="#">WLD 121</a>	GMAW(MIG)/FCAW/Plate	4	SHC
<a href="#">WLD 131</a>	GTAW (TIG) Plate	4	SHC
<b>Total Semester Hours of Credit (SHC) for Core Courses:</b>		<b>15</b>	<b>SHC</b>
<b>Total SHC for Program</b>		<b>15</b>	

**Estimated Costs:**

Textbooks: \$150 per semester  
Consumable Supplies: \$90-180 per semester