

WELDING AND CUTTING CERTIFICATE (WELCT C570)

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The Welding and Cutting certificate is designed to prepare welders, cutters, burners, and related personnel to meet the needs of the area and national industry. Jobs are available in local industries, construction, oil field work, private enterprises, and farming.

<u>First Semester</u>	<u>Credit Hours 19</u>	<u>Second Semester</u>	<u>Credit Hours 15</u>
ENG 1201 Communications OR		ENG 1201 Communications OR	
MTH 1201 Technical Mathematics	V3	MTH 1201 Technical Mathematics	V3
WEL 1210 Gas Metal Arc Welding	2	WEL 1235 Flux Cored Arc Welding	3
WEL 1215 Shielded Metal Arc Welding I	2	WEL 1240 Welder Certification I	2
WEL 1220 Metal Cutting and Preparation	4	WEL 1245 Gas Tungsten Arc Welding	2
WEL 1225 Blueprint Reading	4	WEL 1250 Welding Metallurgy	2
WEL 1230 Shielded Metal Arc Welding II	2	WEL 2225 Pipe Welding Certification	<u>3</u>
WEL 1260 Combination Welding I	2		
		<u>Total Credit Hours</u>	<u>34</u>

WELDING CERTIFICATE (WELD C276)

This certificate program introduces students to welding techniques that prepare graduates for employment in the welding industry and other industries that benefit from the skills of welders. The curriculum includes types and use of equipment and materials, skill performance, safety, and blueprint reading. The program prepares graduates for entry-level employment in the welding industry. It also benefits incumbent workers within the welding industry by building welding skills.

<u>Program Requirements</u>	<u>Credit Hours 19</u>
MTH 1201 Technical Mathematics	V3
WEL 1210 Gas Metal Arc Welding	2
WEL 1215 Shielded Metal Arc Welding I	2
WEL 1220 Metal Cutting and Preparation OR	
Elective	4
WEL 1225 Blueprint Reading	4
WEL 1230 Shielded Metal Arc Welding II	2
WEL 1260 Combination Welding I	<u>2</u>
<u>Total Credit Hours</u>	<u>19</u>