

WELDING AND CUTTING

(Leading to Certificate)

Advisor: R. Brower

Major Code: 261

The Welding and Cutting Curriculum is a one-year certificate program. The Welding and Cutting program is designed to prepare students for entry level employment in the field of welding. Students are provided theoretical and practical experiences in the areas of Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Cored Arc Welding (FCAW), Pipe Welding, Plasma Arc Welding, Air Carbon Arc Cutting (AAC), Oxyacetylene Welding (OAW) and Brazing, Gas Metal Arc Aluminum Welding (GMAAW), Gas Tungsten Arc Welding and Blueprint Reading.

Freshman Year

Fall Semester		Semester Hours	Spring Semester		Semester Hours
WLV 1116	Shld. Metal Arc Welding I	6	WLV 1136	Gas Tungsten Arc Welding	6
WLV 1226	Shld. Metal Arc Welding II	6	WLV 1314	Cutting Processes	4
WLV 1143	Flux Cored Arc Welding	3	WLV 1124	Gas Metal Arc Welding	4
WLV 1232	Draw. & Weld. Symbol Inter.	2	WLV 1911	Special Problems in Welding & Cutting	1
WLV 1171	Weld. Inspect. & Test. Prin.	<u>1</u>	WLV 2913	Work-Based Learning	<u>3</u>
		18			18