

# Welding

## Career Studies Certificate

**Purpose:** Employment opportunities exist for individuals proficient in advanced welding techniques. This program is designed for students with no previous experience in welding, as well as for individuals currently employed in the welding field who wish to upgrade their skills. Individuals entering the Welding Career Studies Certificate program should consider this program as a means of developing or advancing their job skills over a one-year period of time and as a means of acquiring the skills necessary to test for the various levels of welding certification.

**Occupational Objectives:** Opportunities for graduates include construction welder, fabrication welder, and welding supply salesperson.

**Admission Requirements:** General college curricular admission

CURRICULUM				
COURSE	TITLE	LEC. HRS.	LAB. HRS.	CRS. CRE.
WEL 120	Fundamentals of Welding	1	3	2
WEL 121	Arc Welding	1	3	2
WEL 122	Welding II (Electric Arc)	2	3	3
WEL 130	Inert Gas Welding	2	3	3
WEL 145	Welding Metallurgy	3	0	3
WEL 150	Welding Drawing and Interpretation	2	0	2
ENG 111	College Composition I	3	0	3
<b>TOTAL</b>		14	12	18
<b>Total Minimum Credits for Career Studies Certificate in Welding</b>				<b>18</b>