

Welding

Through classroom and shop application, the welding program teaches gas and arc welding, inert-gas arc welding, and continuous wire production welding with background in metallurgy, blueprint interpretation, and mathematics. Successful graduates of the program are prepared for entry-level production welding or job shop employment.

Required Program of Study for Diploma (1 year)

FIRST SEMESTER	Credits
WELD 1070 Introduction to Welding.....	3
WELD 1090 Introduction to Welding Lab.....	7
WELD 1110 Metallurgy I.....	2
WELD 1130 Related Drafting.....	1.5
WELD 1150 Shop Operations.....	1.5
WELD 1160 Shop Operations Lab.....	0.5
MATH 1020 Applied Mathematics I.....	3
	18.5

SECOND SEMESTER	Credits
WELD 1080 Welding Specialities.....	3
WELD 1100 Welding Specialities Lab.....	7
WELD 1120 Metallurgy II.....	3
WELD 1140 Blueprint Reading.....	2
ENGL 1050 Career Composition.....	3
HLTH 1710 First Aid.....	2
	20
Total Credit Hours	38.5