



WELDING

TECHNICAL DIPLOMA

2025–2026

FALL START		
	FALL SEMESTER	
WFMA 1003	Mathematics for Workforce Occupations	3 Credits
WELD 1003	Occupational Orientation and Safety	3 Credits
WELD 1103	Cutting Processes	3 Credits
WELD 1205	Shielded Metal Arc Welding I	5 Credits
WELD 1403	Electrical Fundamentals and Inspection	3 Credits
	Certificate of Technical Studies: Welder Helper/Thermal Cutter	17
	TOTAL SEMESTER CREDITS	
	SPRING SEMESTER	
WELD 1123	Metallurgy and Symbols	3 Credits
WELD 1304	Shielded Metal Arc Welding II	4 Credits
WELD 2115	Gas Metal Arc Welding & Flux Cored Arc Welding I	5 Credits
WELD 2225	Advanced Shielded Metal Arc Welding V-Groove	5 Credits
	TOTAL SEMESTER CREDITS	17
	SUMMER SEMESTER	
WELD 2103	Gas Tungsten Arc Welding	3 Credits
WELD 2205	Gas Metal Arc Welding & Flux Cored Arc Welding II	5 Credits
WELD 2213	Manufacturing Procedures	3 Credits
	TOTAL SEMESTER CREDITS	11
Technical Diploma: Welding		45
TOTAL DEGREE CREDITS		

DEGREE NOTES

A GRADE OF C or HIGHER IS REQUIRED IN ALL COURSES.

- This degree plan is a planning resource. The program requirements listed in the applicable edition of the college catalog are the official source for all degree requirements. The college reserves the right to alter this resource without notice. OAA 05/25