

2025-2026 OCCUPATIONAL CERTIFICATE (CERT) AWC ADVISEMENT CHECK SHEET

Sign in to your [Self-Service Student Planning](#) account to load the recommended program map and to track your academic progress.

WELDING CERTIFICATE OF PROFICIENCY GMAW (GAS METAL ARC WELDING)/FCAW (FLUX CORE ARC WELDING) PLATE

Student Name	ID #	Advisor	Major Code: CERT.GMAW Credits: 19
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Graduates will demonstrate (1) basic knowledge in the welding field required of an entry level employee in the industry and (2) competency in critical thinking quantitative analysis, and technological applications.

For a recommended sequence of courses, view the program map in Self-Service or contact an Advisor.

Required Major Courses (16 Credits)		Cr	Sem	Notes
MAT 105	Math for Welders	3		
WLD 104	Techniques in Flux Core Arc Welding	3		
WLD 109	Techniques in Gas Metal Arc Welding	3		
WLD 125	Welding Design, Layout, and Fabrication	3		
WLD 201	Introduction to Robotic Welding	4		

WLD 201 prerequisite: WLD 109

Other Departmental Requirements (3 Credits)		Cr	Sem	Notes
DFT 100	AutoCAD 1 - Drafting	3		

Recommended ElectiveS:

ENT 240	Business Plan Development	3		
WLD 127	Welder Certification and Code Application	6		