

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

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WELDING FOR MANUFACTURING-ADVANCED

Student Name	ID #	Advisor	Major Code: CERT.WLDMA Credits: 12
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Graduates will demonstrate fundamental quality control, inspection, basic tool operations, use of an oxy-fuel torch, and welding processes applicable to manufacturing plant maintenance and repairs.

Required Major Courses (12 Credits)		Cr	Sem	Notes
MFG 195	Material Science and Metallurgy	3		
WLD 104	Techniques in Flux Core Arc Welding	3		
WLD 108	Techniques in Gas Tungsten Arc Welding	3		
WLD 125	Welding Design, Layout, and Fabrication	3		