

2026-2027 OCCUPATIONAL CERTIFICATE (CERT) AWC ADVISEMENT CHECK SHEET

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Materials Processes in Manufacturing

Student Name	ID #	Advisor	Major Code: CERT.MPM Credits: 16
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Students will complete required courses for OSHA safety, welding, quality control, inspection, materials science in preparation for the capstone course where students along with their faculty will identify and complete a experiential and research driven study of materials processes in manufacturing. The student will organize a capstone portfolio of student learning outcomes and present it as a requirement of the two hundred level course

Required Major Courses (10 Credits)		Cr	Sem	Notes
MFG-185	Qual. Control & Inspec.	3		
MFG-195	Materials Science and Metallurgy	3		
MFG-225	Thermal Conditioning Processes for Manufacturing Materials	4		
Other Departmental Requirements (6 Credits)		Cr	Sem	Notes
TEC-165	Employee and Occupational Safety	3		
WLD-XXX	Welding Course	3		