

Welding Program and Institutional Outcomes Crosswalk and 7-Year Assessment Plan

- IO1** **Communication:** Students will be able to communicate clearly and effectively within a workplace context
- IO2** **Quantitative Reasoning:** Students will be able to reason mathematically using methods appropriate to the profession
- IO3** **Human Relations/Workplace Skills:** Students will be able to demonstrate teamwork, ethics, appropriate safety awareness and/or workplace specific skills
- PO4** Students will be able to demonstrate safe shop practice by safely using tools and equipment
- PO5** Students will be able to demonstrate competent cutting procedures and welds to appropriate welding codes.
- PO6** Students will be able to diagnose and cure common welding defects

NCBT: Not currently offered

WLD	7-YR ASSESSMENT PLAN & CROSSWALK							
Course #	Course	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
	ASSESSMENT CYCLE YEAR	YR 5	YR 6	YR 7	YR 1	YR 2	YR 3	YR 4
	CAMPUS PLAN	IO3	IO3		IO1	IO1	IO2	IO2
WLD 101	OXY ACETYLENE WELD AUTO		PO 4		PO 5			PO 6
WLD 102	ARC/GMAW WELD AUTO		PO 4		PO 5			PO 6
WLD 103	BEG AMT WELD		PO 4		PO 5			PO 6
WLD 110	WELD THEORY I		PO 4		PO 5			PO 6
WLD 111	WELDING PROCESS I		PO 4		PO 5			PO 6
WLD 112	THERMAL CUTTING WELDING		PO 4		PO 5			PO 6
WLD 120	WELD THEORY II		PO 4		PO 5			PO 6
WLD 121	WELD PROCESS II		PO 4		PO 5			PO 6
WLD 122	GAS METAL ARC WELD I		PO 4		PO 5			PO 6
WLD 130	WELD THEORY III		PO 4		PO 5			PO 6
WLD 131	WELD PROCESS III		PO 4		PO 5			PO 6
WLD 132	GA TUNGSTEN ARC WELD I		PO 4		PO 5			PO 6
WLD 151	TECH DRAW INTERPRETATION		PO 4		PO 5			PO 6
WLD 152	WELD LAYOUT I		PO 4		PO 5			PO 6
WLD 153	WELD LAYOUT II		PO 4		PO 5			PO 6
WLD190/290	SKILL IMPROVEMENT		PO 4		PO 5			PO 6
WLD 205	WELD TESTING METHODS			PO 4		PO 5		
WLD 206	WELD CODES/STANDARDS			PO 4		PO 5		
WLD 207	WELD METALLURGY			PO 4		PO 5		
WLD 212	GAS METAL ARC WELD II			PO 4		PO 5		
WLD 241	STRUCTURAL WELD PROCESS I			PO 4		PO 5		
WLD 242	STRUCTURAL WELD I			PO 4		PO 5		
WLD 243	STRUCTURAL WELD II			PO 4		PO 5		
WLD 244	SUBMERGED ARC WELD			PO 4		PO 5		
WLD 245	STRUCTURAL WELD III			PO 4		PO 5		
WLD 261	PRODUCTION WELD PROCESS I			PO 4		PO 5		
WLD 262	PRODUCTION WELD I			PO 4		PO 5		
WLD 263	PRODUCTION WELD II			PO 4		PO 5		
WLD 264	ADVANCED WELD PROCESS			PO 4		PO 5		
WLD 265	PROD WELD PROCESS III			PO 4		PO 5		

