

Welding Certificate

Engineering & Information Technologies

2024-2025 Curriculum

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
MAT-105	Quantitative Reasoning		2	2	3
WLD-100	Fundamentals of Welding		2	3	3
WLD-105	Print Reading & Weld Design		2	2	3
					9
Semester 2					
MET-111	Manufacturing Processes 1	See Program Chair	2	3	3
MET-131	MET Computer Aided Drafting 1	See Program Chair	2	3	3
WLD-111	Shielded Metal Arc Welding 1	WLD 100	2	6	4
					10
Semester 3					
CIT-105	OSHA 10 General Industry Safety		1	0	1
WLD-115	Gas Metal & Flux Cored Arc Welding	WLD 100 - co-req	2	6	4
WLD-210	Gas Tungsten Arc Welding	WLD 100	2	6	4
WLD-XXX	Technical Elective		2	3	3
					12
Total					31

Technical Electives: WLD 112, WLD 220, WLD 260