

Welding Certificate

Center for Innovative Technologies Division

2017-2018 Curriculum

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
MAT-120	Technical Mathematics		3	0	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	MAT 120	2	3	3
MET-131	MET Computer Aided Drafting 1	MAT 120	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, WLD 110	2	6	4
WLD-210	Gas Tungsten Arc Welding	WLD 120, WLD 130	2	6	4
WLD-XXX	Technical Elective		2	6	4
					13
Total					32

Technical Electives: WLD 112, WLD 220, WLD 260