

# Welding

*Center for Innovative Technologies Division*  
2017-2018 Curriculum

Course	Title	Prerequisites	Lec	Lab	Credit Hours
Semester 1					
FYE-1XX	First Year Experience		1	0	1
PSY-1XX	Psychology Elective		3	0	3
WLD-100	Fundamentals of Welding		2	3	3
WLD-105	Print Reading & Weld Design		2	2	3
XXX-XXX	Humanities or Natural Science Elective	ENG 101	3	0	3
					13

Semester 2					
ENG-101	English Composition 1		3	0	3
MAT-120	Technical Mathematics		2	2	3
WLD-111	Shielded Metal Arc Welding 1		2	6	4
WLD-115	Gas Metal & Flux Cored Arc Welding		2	6	4
					14

Semester 3					
ENG-10X	English Composition Elective	ENG 101	3	0	3
MET-131	MET Computer Aided Drafting 1		2	3	3
WLD-112	Shielded Metal Arc Welding 2		2	6	4
WLD-260	Weldability of Metals		2	2	3
					13

Semester 4					
EET-101	Electronic Fundamentals 1	See Catalog	2	3	3
MET-111	Manufacturing Processes 1		2	3	3
WLD-210	Gas Tungsten Arc Welding 1		2	6	4
WLD-231	Pipe Welding 1		2	6	4
					14

Semester 5					
WLD-232	Pipe Welding 2		2	6	4
WLD-291	Full-Time Cooperative Education 1: WLD		1	40	2
					6

Semester 6					
WLD-250	Welding Inspection and Codes		2	3	3
WLD-292	Full-Time Cooperative Education 2: WLD	WLD 291	1	40	2
					5
Total					65

English Comp. Elective: ENG 102, ENG 104, ENG 105

First Year Experience Elective: FYE 100, FYE 105, FYE 110

Humanities Elective: Any ART, FRN, LIT, MUS, PHI, POL, REL, SPN, THE

Mechanical Engineering Technology Elective: MET 111, MET 131

Natural Science Elective: Any CHE, EVS, PHY, PSC

Psychology Elective: PSY 100, PSY 102, PSY 110