

# Welding

*Center for Innovative Technologies Division*  
2016-2017 Curriculum

Course	Title	Prerequisites	Lec	Lab	Credit Hours
<b>Semester 1</b>					
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
					<b>13</b>
<b>Semester 2</b>					
EET-101	Electronic Fundamentals 1	See Catalog	2	3	3
MAT-121	Tech Algebra & Geometry w/ Statistics		2	2	3
WLD-110	Shielded Metal Arc Welding	WLD 100	2	6	4
WLD-120	Gas Metal Arc Welding	WLD 100, WLD 110	2	6	4
					<b>14</b>
<b>Semester 3</b>					
ENG-101	English Composition 1		3	0	3
MET-1XX	Mechanical Engineering Technology Elective		2	3	3
WLD-130	Flux Cored Arc Welding	WLD 100, WLD 110	2	6	4
WLD-210	Gas Tungsten Arc Welding	WLD 120, WLD 130	2	6	4
					<b>14</b>
<b>Semester 4</b>					
WLD-291	Full-Time Cooperative Education 1: WLD		1	40	2
					<b>2</b>
<b>Semester 5</b>					
ENG-10X	English Composition Elective	ENG 101	3	0	3
MET-140	Engineering Materials	MET 111, & MAT 121 or MAT 125	2	2	3
WLD-220	Metal Fabrication	MET 111, WLD 105	2	3	3
WLD-230	Pipe Welding	WLD 210	2	6	4
WLD-250	Welding Inspection and Certification	WLD 210	2	3	3
					<b>16</b>
<b>Semester 6</b>					
WLD-292	Full-Time Cooperative Education 2: WLD	WLD 291	1	40	2
					<b>2</b>
					<b>Total</b>
					<b>61</b>

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



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