

# Welding

## *Center for Innovative Technologies Division*

2014-2015 Curriculum

**Note: All degree seeking students must complete a First Year Experience (FYE) course as part of the first 12 credit hours taken at Cincinnati State.**

Course	Title	Prerequisites	Lec	Lab	Credit Hours
Semester 1					
PSY-100	Applied Psychology: Human Relations		3	0	3
WLD-100	Fundametrnals of Welding		2	3	3
WLD-105	Print Reading & Weld Design		2	2	3
WLD-110	Shielded Metal Arc Welding		2	6	4
					<b>13</b>

### Semester 2

MAT-121	Tech Algebra & Geometry		4	0	4
MET-131	MET CAD 1	See Catalog	2	3	3
WLD-120	Gas Metal Arch Welding	WLD 100, WLD 110	2	6	4
WLD-130	Flux Cored Art Welding	WLD 100, WLD 110	2	6	4
					<b>15</b>

### Semester 3

MET-111	Manufacturing Processes 1		2	3	3
WLD-291	Full-Time Cooperative Education 1: WLD		1	40	2
					<b>5</b>

### Semester 4

COMM-1XX	Communication Elective	See Catalog	3	0	3
ENG-101	English Composition		3	0	3
MET-140	Engineering Materials	MET 111, & MAT 121 or MAT 125	2	2	3
WLD-210	Gas Tungsten Welding	WLD 120, WLD 130	2	6	4
					<b>13</b>

### Semester 5

ENG-10X	English Composition Elective		3	0	3
WLD-220	Metal Fabrication	MET 111, WLD 105	2	3	3
WLD-230	Pipe Welding	WLD 210	2	6	4
WLD-250	Welding Inspectionand Certification	WLD 210	2	3	3
XXX-XXX	Humanities/Social Science Elective	ENG 101	3	0	3
					<b>16</b>

### Semester 6

WLD-292	Full-Time Cooperative Education 2: WLD	WLD 291	1	40	2
					<b>2</b>
Total					<b>64</b>

Communication Elective: COMM 105, COMM 110

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

Humanities/Social Sciences Elective: Any ART, CRJ, CULT, ECO, FRN, GEO, HST, LIT, MUS, PHI, POL, PSY (except PSY 100), REL, SOC, SPN, THE