

# Cincinnati State Technical and Community College

## Welding

AAS

REQUIRED COURSES:	Semester Hours
<b>Semester One</b>	
WLD 100 Fundamentals of Welding	3
WLD 105 Print Reading and Weld Design	3
PSY !XX Psychology Elective	3
XXX XXX Arts/Humanities Elective or Natural Science Elective	3
FYE 1XX First Year Experience Elective	1
<b>Semester Two</b>	
WLD 111 Shielded Metal Arc Welding	4
WLD 115 Gas Metal Arc Welding and Flux Cored Arc Welding	4
ENG 101 English Composition 1	3
MAT 120 Technical Mathematics	3
<b>Semester Three</b>	
WLD 260 Weldability of Materials	3
MET 111 Manufacturing Processes	3
MET 131 MET Computer-Aided Drafting 1	3
ENG 10 X English Composition Elective	3
<b>Semester Four</b>	
WLD 210 Gas Tungsten Arc Welding	4
WLD 231 Pipe Welding 1	4
CIT 105 OSHA 10 General Industry Safety	1
XXX XXX Welding Technical Elective	3
<b>Semester Five</b>	
WLD 220 Metal Fabrication	3
WLD 291 Full-time Cooperative Education 1: Welding	2
<b>Semester Six</b>	
WLD 292 Full-time Cooperative Education 2: Welding	2
WLD 250 Welding Inspection and Codes	3
<b>ELECTIVES</b>	
<b>First Year Experience Electives</b>	
FYE100 College Survival Skills	1
FYE 105 College Success Strategies	2
FYE 110 Community College Experience	3
<b>English Composition Electives</b>	
ENG 102 English Composition 2: Contemporary Issues	3

ENG 104 English Composition 2: Technical Communication	3
ENG 105 English Composition 2: Business Communication	3

**Mathematics Electives (take one of following series)**

MAT 125 Algebra and Trigonometry & MAT 126 Functions and Calculus or	3
MAT 251 Calculus 1 and MAT 252 Calculus 2	3

**Arts/Humanities Elective (take one course from either arts or natural sciences)**

Any ART, CULT, FRN, LIT, MUS, PHI, REL, SPIN, THE or COMM130	
Any CHE, EVS, Phy, PSC	

WELDING TECHNICAL ELECTIVES	
EET 101 Electronic Fundamentals 1	3
MET 112 Manufacturing Processes 2	3
MET 132 MET Computer Aided Drafting 2	3
MET 140 Engineering Materials	3
WLD 112 Shielded Metal Arc Welding 2	4
WLD 232 Pipe Welding 2	4

**PATHWAY TAB INFORMATION**

Course Name	Postsecondary Institution	Credit Type	Hours
MET 111 Manufacturing Processes	Cincinnati State Technical and Community College	CTAG	3
WLD 100 Fundamentals of Welding	Cincinnati State Technical and Community College	Bilateral	3
MET 131 MET Computer-Aided Drafting 1	Cincinnati State Technical and Community College	CTAG	3