

Cincinnati State Technical and Community College

Welding Certificate

REQUIRED COURSES:	Semester Hours
Semester One	
WLD 100 Fundamentals of Welding	3
WLD 105 Print Reading and Weld Design	3
Mat 120 Technical Mathematics	3

Semester Two	
WLD 111 Shielded Metal Arc Welding	4
MET 111 Manufacturing Processes 1	3
MET 131 MET Computer-Aided Drafting 1	3

Semester Three	
WLD 115 Gas Metal Arc Welding and Flux Cored Arc Welding	4
WLD 210 Gas Tungsten Arc Welding	4
CIT 105 OSHA 10 General Industry Safety	1
WLD XXX Welding Technical Elective	3

Electives	
WLD 112 Shielded Metal Arc Welding 2	4
WLD 220 Metal Fabrication	3
WLD 260 Weldability of Materials	3

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	Bllateral	3
MET 131 MET Computer-Aided Drafting 1	Cincinnati State Technical and Community College	CTAG	3