

# ARC WELDER - CERTIFICATE

**Offered at:** Ashland Community and Technical College, Big Sandy Community and Technical College, Bluegrass Community and Technical College, Elizabethtown Community and Technical College, Gateway Community and Technical College, Hazard Community and Technical College, Henderson Community College, Hopkinsville Community College, Jefferson Community and Technical College, Madisonville Community College, Maysville Community and Technical College, Owensboro Community and Technical College, Somerset Community College, Southcentral Kentucky Community and Technical College, Southeast Kentucky Community and Technical College, West Kentucky Community and Technical College

**Program Plan Number:** 4805083029

Course	Title	Credits
WLD 100 or WLD 110	Oxy-Fuel Systems Cutting Processes	2
WLD 101 or WLD 111	Oxy-Fuel Systems Lab Cutting Processes Lab	2-3
WLD 120	Shielded Metal Arc Welding (SMAW)	2
Select one of the following three options:		3
WLD 121	Shielded Metal Arc Welding Fillet Lab (SMAW)	
WLD 123	Shielded Metal Arc Welding Groove with Backing Lab (SMAW)	
WLD 225	Shielded Metal Arc Welding Open Groove Lab (SMAW)	
WLD 130	Gas Tungsten Arc Welding (GTAW)	2
WLD 131 or WLD 133	Gas Tungsten Arc Welding Fillet Lab (GTAW) Gas Tungsten Arc Welding Groove Lab	3
WLD 140	Gas Metal Arc Welding (GMAW)	2
WLD 141 or WLD 143	Gas Metal Arc Welding Fillet Lab (GMAW) Gas Metal Arc Welding Groove Lab	3
WLD 170	Blueprint Reading for Welding	2
WLD 171	Blueprint Reading for Welding Lab	3
<b>Total Credits</b>		<b>24-25</b>