

# PIPELINE WELDER - CERTIFICATE

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**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, Jefferson Community and Technical College, Madisonville Community College, Maysville Community and Technical College, Owensboro Community and Technical College, Somerset Community College, Southeast Kentucky Community and Technical College, West Kentucky Community and Technical College

**Program Plan Number:** 4805083109

| Course                | Title   | Credits      |
|-----------------------|---|--------------|
| WLD 100<br>or WLD 110 | Oxy-Fuel Systems<br>Cutting Processes         | 2            |
| WLD 101<br>or WLD 111 | Oxy-Fuel Systems Lab<br>Cutting Processes Lab | 2-3          |
| WLD 120               | Shielded Metal Arc Welding (SMAW)             | 2            |
| WLD 130               | Gas Tungsten Arc Welding (GTAW)               | 2            |
| WLD 140               | Gas Metal Arc Welding (GMAW)                  | 2            |
| WLD 170               | Blueprint Reading for Welding                 | 2            |
| WLD 171               | Blueprint Reading for Welding Lab             | 3            |
| WLD 220               | Welding Certification                         | 2            |
| WLD 221               | Welding Certification Lab                     | 3            |
| WLD 227               | Shielded Metal Arc Welding Pipe Lab A (SMAW)  | 3            |
| WLD 235               | Gas Tungsten Arc Welding Pipe Lab A (GTAW)    | 3            |
| WLD 245               | Gas Metal Arc Welding Pipe Lab A (GMAW)       | 3            |
| Electives             |   | 0-10         |
| <b>Total Credits</b>  |   | <b>29-40</b> |

## Recommended Electives

| Course  | Title                                     | Credits |
|---------|---|---------|
| WLD 229 | Shielded Metal Arc Welding Pipe Lab B     | 3       |
| WLD 237 | Gas Tungsten Arc Welding Pipe Lab B       | 3       |
| WLD 247 | Gas Metal Arc Welding Pipe Lab B          | 3       |
| WLD 253 | Pipe Fitting and Template Development Lab | 1       |