

**Welding Technology Level 1**

- 3 Position qualification credentials: 1F, 2F, and 1G (AWS)

**Certificate A**  
 Maximum of 29 Credit Hours

**Welding Technology Level 2**

- Level 1 Requirements
- 1 Additional position qualification credential (AWS)
- Welding proficiency equal to or exceeding (AWS) standard D1.1 on 3/8" thick carbon steel plate

**Certificate B**  
 Maximum of 44 Credit Hours  
 or  
**Certificate C**  
 Maximum of 59 Credit Hours

**Welding Technology Degree**

- Requirements for levels one and two
- 15 Credit Hours of General Education (minimum)

**A.A.S.**  
 Maximum of 64 Credit Hours  
 for State Funding

***Required Courses within Program***

<b><i>Common Courses</i></b>	<b><i>10-12 credits:</i></b>
<b><i>SMAW</i></b>	<b><i>3 credits</i></b>
<b><i>GMAW</i></b>	<b><i>3 credits</i></b>
<b><i>GTAW</i></b>	<b><i>3 credits</i></b>
<b><i>Welding Safety/OSHA 10</i></b>	<b><i>1-3 credit(s)</i></b>
<b><i>Or OSHA 30</i></b>	

*Course list sequence has no implication on course scheduling by colleges.*

*Institutions may add additional competencies based on local demand.*

**Notes**

6G Position on Pipe (with 2 of 4 GTAW, SMAW, GMAW, and FCAW on carbon steel) and ASME Section 9 qualifications are optional competencies; but, colleges are strongly encouraged to pursue these credentials based on regional employer needs and students' career direction.

Colleges are encouraged, not required, to offer the following supplementary credentials: Kansas **WORKReady!** Certificate-Silver Level and SENSE Level 1 exam (AWS).

Competencies identified within the 10-12 credit hours of common courses represent opportunities for articulation with K-12.

Colleges desiring to teach additional courses in their AAS (in excess of 64 credit hours) will need to identify those courses for KBOR.