

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

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

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.