

SMAW Welding Program

Complete, connected course materials in WIDS format, ready to teach and easy to adapt.

Launch faster

Course documentation is written and ready for your approval process.

Assessment-ready

Competencies connect directly to performance assessments and scoring guides.

Standards-aligned

Mapped to AWS SENSE Level 1 entry-level welder standards.

WHO IT'S FOR

Entry-level learners

Individuals building welding skills for the first time

Career paths

Stick welder, welder-fitter, and welding technician

Industries

Fabrication, construction, and manufacturing

INSIDE THIS PROGRAM

Builds hands-on Shielded Metal Arc (stick) welding skills on carbon steel in the flat, horizontal, vertical, and overhead positions, plus safety, cutting, measurement, and blueprint reading, to AWS quality standards.

SMAW Welding Safety and Fundamentals	1 cr
SMAW Welding Measurements and Layout	1 cr
SMAW Welding Blueprint and Drawings	1 cr
SMAW Flat Carbon Steel	1 cr
SMAW Horizontal Carbon Steel	1 cr
SMAW Vertical Carbon Steel	1 cr
SMAW Overhead Carbon Steel	1 cr
Total · approximately 252 hours	7 cr

WHAT'S IN YOUR TOOLKIT

- ✓ **Course Outcome Summaries**
Competencies, performance standards, and learning objectives
- ✓ **Performance assessment tasks**
Real-world tasks with scoring guides
- ✓ **Alignment matrix**
Shows where each standard is taught and assessed
- ✓ **Program overview and marketing materials**
Ready-to-use program summary and promotional one-pagers

Make it yours

Adapt objectives, activities, and assessments to your learners, local employers, and equipment.

ALIGNED TO

AWS SENSE Level 1 (2025)

AWS weld quality standards

Bring this program to your college, training center, or workplace.

Contact a WIDS Representative at info@wids.org

Explore program details and purchasing options: www.wids.org/product/smaw-welding-curriculum