

Welding

Emphasis: Welding - Evening

Degree: Certificate of Completion

Purpose:

Students who complete the following 20 credits will be awarded a certificate of completion in Welding Fundamentals (this certificate can be completed entirely in the evening). These courses will be offered in the evening every fall, winter, and spring quarters.

Program Outcomes -Students who successfully complete this program should be able to:

- A. Follow industry safety practices and recognize the effects of welding on health.
- B. Set-up and adjust SMAW, GMAW, FCAW, GTAW, and oxy-fuel equipment and accessories.
- C. Identify and make repairs to finished welds.
- D. Perform 3-G and 4-G AWS- WABO welding code qualification tests.

Learning Themes:

General education outcomes at Centralia College help students, faculty, and the general public identify what learning is expected when a student has completed a degree or program. The administration, faculty, and staff have agreed upon the following five Learning Ability Themes which students can expect to encounter in most courses and by the completion of any degree or program.

Reasoning:

The ability to extract information from data, develop ideas and solutions, establish logical progression in thinking, and problem solve using such procedures as literary analysis or the scientific methods.

Written, Oral and Visual Communication:

The ability to make oneself understood in public, interpersonal, professional, artistic, and technical arenas.

Exploration-Self and Others:

An awareness of the values, beliefs, customs, and contributions of persons from one's own and other traditions, ethnicities, classes, and genders.

Resourcefulness:

The ability to adapt to change, such as technological innovations or environmental conditions.

Responsibility:

The ability to be accountable to self, society, and the natural world.

Estimated Quarterly Program Costs (subject to change without notice)

Tests: Accuplacer	\$15
Resident Tuition (15 credits) and fixed fees*:	\$1399
US Citizen Nonresident Tuition (15 credits) and fixed fees*:	\$1536
Non US Citizen Nonresident Tuition (15 credits) and fixed fees*:	\$3202
Books and supplies (estimate):	\$175
Lab fees:	\$74

**Tuition is subject to change due to State Legislative actions*

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