Welding - Basic Welding Processes Certificate

West Burlington Campus

The Welding program is designed to give students a solid foundation in the principles, practices and usage of both gas and electric welding in the industrial setting. Students get ample practice in welding skills, brazing and flame cutting. Instruction emphasizes production fabrication techniques, maintenance and repair procedures, blueprint reading, properties of metals and inspection methods, among other aspects of the welding trade.

SCC is an accredited American Welding Society (AWS) testing facility. Students will have the opportunity to obtain AWS Certifications.

There are several levels of welding certificates, a diploma and an associates of applied science degree. See the links below for details.

The Basic Welding Processes certificate is awarded after successful completion of WEL-111, WEL-160, WEL-186 and WEL-192.

The Advanced Welding Processes certificate is awarded after earning the Basic Welding Processes certificate and successful completion of WEL-130, WEL-164, WEL-172, WEL-197 and MAT-702.

The Welding diploma is awarded after successful completion of the first two semesters. (This is equivalent to the Advanced Welding Processes certificate and successful completion of ENG-110.)

The Advanced Manufacturing Welding Processes certificate is awarded after earning both Welding Processes certificates and successful completion of WEL-182, WEL-198, WEL-292, WEL-235 and WEL-720.

The Welding AAS degree is awarded after successful completion of all five semesters.

*Certificates and diploma can be earned one time.

Please view the technical standards for this course.

Instructor and Staff

Mike Kaczinski

Assistant Professor - Welding
(319) 208-5130
mkaczinski@scciowa.edu

William White
Assistant Professor - Welding
(319) 208-5132
bwhite@scciowa.edu

West Burlington Campus

Program Requirements

Fall Semester I	Credit
WEL-111 Welding Blueprint Reading	3
WEL-160 Arc Welding I (SMAW)	5
WEL-186 Gas Metal Arc Welding	4
WEL-192 Gas Tungsten Arc Welding	4
Semester Total..	16
Program Total..	16