

Academic Programs

Welder: Advanced - Certificate (H49)

The SVCC welding program has been specifically designed to meet the needs of the local employers, specifically the manufacturers, which make up 30% of the employment in the SVCC college district.

Work and Employment

The advanced welder certificate is an extension of the entry level welding certificate. Individuals in this certificate can also be employed with several different manufacturing companies, including, but not limited to, heavy machine manufacturing, garage door makers, steel mill, radiator manufacturing, agricultural manufacturing, and other local companies. Advanced welders normally demand a higher salary to start than entry level welders due to the more advanced skills they possess.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Scott Gillihan, Welding Instructor, 815-835-6278

Total Hours Required - 16 Hours

Major Field Requirements - 16 Hours

- WLD101 - Industrial MIG Welding (2 Semester Hours)
- WLD102 - Shielded Metal Arc Welding (3 Semester Hours)
- WLD103 - MIG Welding (3 Semester Hours)
- WLD104 - TIG Welding (3 Semester Hours)
- WLD106 - Welding Fundamentals (2 Semester Hours)
- WLD140 - Robotic Welding (3 Semester Hours)

Suggested Program

First Semester - 7 Hours

- WLD101 - Industrial MIG Welding (2 Semester Hours)
- WLD102 - Shielded Metal Arc Welding (3 Semester Hours)
- WLD106 - Welding Fundamentals (2 Semester Hours)

Second Semester - 9 Hours

- WLD103 - MIG Welding (3 Semester Hours)
- WLD104 - TIG Welding (3 Semester Hours)
- WLD140 - Robotic Welding (3 Semester Hours)