

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**

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

## **Total Hours Required - 16 Hours**

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### **Major Field Requirements - 16 Hours**

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- WLD 101 - Industrial MIG Welding (2 Semester Hours)
- WLD 102 - Shielded Metal Arc Welding (3 Semester Hours)
- WLD 103 - MIG Welding (3 Semester Hours)
- WLD 104 - TIG Welding (3 Semester Hours)
- WLD 106 - Welding Fundamentals (2 Semester Hours)
- WLD 140 - Robotic Welding (3 Semester Hours)

## **Suggested Program**

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### **First Semester - 7 Hours**

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- WLD 101 - Industrial MIG Welding (2 Semester Hours)
- WLD 102 - Shielded Metal Arc Welding (3 Semester Hours)
- WLD 106 - Welding Fundamentals (2 Semester Hours)

### **Second Semester - 9 Hours**

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- WLD 103 - MIG Welding (3 Semester Hours)
- WLD 104 - TIG Welding (3 Semester Hours)
- WLD 140 - Robotic Welding (3 Semester Hours)