

### Program Information

The Anoka Technical College Welding Fabricator certificate is 17-credit program which offers individuals the opportunity to develop skills necessary for construction, manufacturing, building, and fabrication for real weldments. Students entering this certificate program have good welding ability, but seek greater applications skills.

### Certifications

The Welding program not only provides students with a thorough background in welding and related theory, but also prepares students with the knowledge and skills need to take three national certification examinations:

- American Society of Mechanical Engineers
- American Petroleum Institute
- American Welding Society’s Welding Code

### Admission Requirements

Must complete the Welding Technology diploma or be in the Welding Associate of Applied Science (AAS) degree.

### Course Prerequisites

Completion of WELD 1022, WELD 1024, WELD 1026, WELD 1028, WELD 1034, and WELD 1036.

### Graduation Requirements

All Anoka Technical College students seeking an Associate in Applied Science (AAS), diploma, or certificate must meet the cumulative grade point average (GPA) of 2.0 or higher.

### Transfer Opportunities

The courses in the Fabricator certificate serves as the third semester courses in the Associate of Applied Arts (AAS) degree in Welding program.

To see how credits from this program may transfer into other Anoka Technical College programs or into a program at another college, visit:

- [Minnesota Transfer](http://www.mntransfer.org/students/plan/s_agreements.php?numResults=25&archive=false&from_inst=70&from_prog=&to_inst=&Search=Search): (www.mntransfer.org/students/plan/s\_agreements.php?numResults=25&archive=false&from\_inst=70&from\_prog=&to\_inst=&Search=Search)
- [Anoka Technical College transfer student](http://www.anokatech.edu/BecomeStudent/Transfers.aspx): (www.anokatech.edu/BecomeStudent/Transfers.aspx)

### Industry Information

The diversification of the welding industry impacts virtually every industry around the globe. From the depth of the world’s oceans to the far-reaching corners of outer space, there is a welding position for every hardworking, ambitious, smart individual who is ready and willing to constantly improve and strive for excellence.

A career choice in welding offers a vast array of options for

employment and continuing personal development. Welding is the most common way to permanently join metal parts. Heat is applied to the pieces that are being joined, melting and fusing them together which forms a permanent bond.

Therefore, welding plays a key role in industry production lines, laboratories, research and development, national defense, sales and service, NASCAR and drag racing, custom motorcycle building, artwork, sculptures, pipelines, power plants, refineries, construction, maintenance, repair and much more.

### Wages/Outlook/Advancement

Welders and solderers can advance to more skilled jobs with additional training and experience. For example, experienced welders may become technicians, supervisors, inspectors, or instructors. Other experienced welders and solderers open their own repair shops.

Wage information is available from the Minnesota Department of Education and [Minnesota Department of Employment and Economic Development](https://mn.gov/deed/job-seekers/job-outlook/) (https://mn.gov/deed/job-seekers/job-outlook/).

### Gainful Employment

Follow this link for a [Gainful Employment Report](#).

### Technical Education: 17 Credits

- WELD 1209 Basic Pipe Welding ..... 3
- WELD 2000 Basic Pipe Layout ..... 5
- WELD 2004 Metals Theory II ..... 3
- WELD 2006 Welding Code Interpretation ..... 2
- WELD 2008 Blueprint Reading III ..... 4

*Also see: Welding AAS, Welding Technology diploma, Basic Welding certificate and Pipe Welding certificate*

### Start Dates

Fall Semester.....August

### Faculty Contact

[Jay Gerdin](#) ..... 763-576-4055

For information on how to apply, to schedule a tour, or for service during summer hours, contact Enrollment Services at 763-576-7710 or

### Sample Program Sequence:

*The Fabricator certificate is designed to be completed in one semester.*

<b>Fall Semester</b>	
<b>1st YEAR</b>	WELD 1209 ..... 3
	WELD 2000 ..... 5
	WELD 2004 ..... 3
	WELD 2006 ..... 2
	WELD 2008 ..... 4
	<b>TOTAL</b> ..... <b>17</b>

