

Program Information

The Anoka Technical College offers a 17-credit Pipe Welding certification which is designed for individuals seeking the highest welding skill level, the most demanding manual welding discipline.

Graduates from the Pipe Welding certificate have the skills required to master manual pipe welding and obtain the highest paying jobs in welding.

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 Fabricator certificate or the Welding Associate of Applied Science (AAS) degree.

Course Prerequisites

Completion of WELD 1209, WELD 2000, WELD 2004, WELD 2006, and WELD 2008.

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

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 2012 GMAW 5G & 6G Pipe Welding 2
- WELD 2014 GTAW 5G & 6G Pipe Welding 5
- WELD 2016 SMAW 5G & 6G Pipe WeldingII 5
- WELD 2018 Blueprint Reading IV 5

Also see: Welding AAS, Welding Technology diploma, Fabricator certificate and Basic Welding certificate

Start Dates

Spring SemesterJanuary

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 EnrollmentServices@anokatech.edu

Sample Program Sequence

The Pipe Welding certificate is designed to be completed in one semester.

Spring Semester	
1 st YEAR	WELD 2012 2
	WELD 2014 5
	WELD 2016 5
	WELD 2018 5
	TOTAL 17