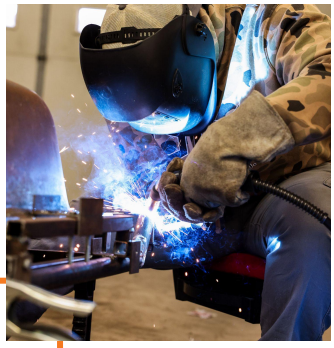
Express your technical and artistic talents in our trades & manufacturing labs!

Learn if a career in construction or welding is right for you. Develop skills you will use for a lifetime.



In-Demand Construction & Welding Occupations

Minnesota Salary Range: $39,149 - 101,713

High School Diploma	Certification	Associate Degree	Bachelor's Degree
Carpenter	Robotic Welder Operator	Welding Fabricator	Architect
Plumber	Field Welder	Architectural and Civil Drafter	Civil engineer
Apprenticeships	Electrician	CNC Operator	Construction Manager

Course Number	Course Name	Credits	Graduation Requirement	Articulated College Credit
96212 96222	Construction Trades 1 Construction Trades 2	1.0	Elective	Yes

Construction Trades 1 - 96212

Interested in a career in construction or learning valuable home maintenance skills? In this course you will develop basic carpentry, metals, electricity, and pipefitting skills along with safe usage of hand and power tools applicable to each skill set. *This course is a prerequisite for course 96222.*

Construction Trades 2 - 96222

Continue the development of your construction and skills through individual and group projects in carpentry, electrical wiring, plumbing, wall framing, door and window installation, cement masonry and more.

Course Number	Course Name	Credits	Graduation Requirement	Articulated College Credit
96526 96536	Welding 1 Welding 2	1.0	Elective	Yes

Welding 1 - 96526

Interested in becoming a welder? Learn how to use the art of welding in artistic and industrial settings. Develop basic skills related to safety, equipment set up, and welding various types of metals. This course introduces SMAW, GMAW, Gas Welding,/Cutting, Brazing and Plasma Cutting, as well as all the fabrication tools in the shop. *This course is a prerequisite for course 96536.*

Welding 2 - 96536

This course builds on the skills developed in Welding 1 and focuses on careers and skills needed in the construction industry like reading layouts and measurement. Continue to develop welding skills by practicing various joints, positions and design a large, personal project. Also, tour shops, construction job sites and apprenticeship training facilities.

