

# CERTIFICATE OF WELDING TECHNOLOGY 2024-2025

FRESHMAN YEAR   FALL	CREDITS	COMPLETED
WLDG 195 Practicum: Welding <b>OR</b> MCH 200 Machining	3	<input type="checkbox"/>
DDSN 113 Technical Drafting	3	<input type="checkbox"/>
WLDG 110 Welding Theory I	2	<input type="checkbox"/>
WLDG 111 Welding Theory I Practical	2	<input type="checkbox"/>
WLDG 114 Mig/Tig Welding with Lab	3	<input type="checkbox"/>
COMX 111 Intro to Public Speaking <b>OR</b> COMX 115 Intro to Interpersonal Communications <b>OR</b> IT 105 Industry Foundations	3/4	<input type="checkbox"/>
<b>TOTAL CREDITS 16/17</b>		

FRESHMAN YEAR   SPRING	CREDITS	COMPLETED
WLDG 180 Shielded Metal Arc Welding with Lab	3	<input type="checkbox"/>
WLDG 186 Welding Qualification Test Preparation with Lab	3	<input type="checkbox"/>
WLDG 260 Repair & Maintenance Welding with Lab	3	<input type="checkbox"/>
WLDG 195 Practicum: Welding <b>OR</b> MCH 200 Machining	3	<input type="checkbox"/>
Advisor Approved Elective	3	<input type="checkbox"/>
<b>TOTAL CREDITS 15</b>		

Students are required to complete at least 3 credits of WLDG 195 Practicum: Welding



# THE VALUE OF YOUR WELDING CERTIFICATE



Build a base of knowledge with program courses that cover a variety of topics. Then get hands-on experience in welding college courses that are designed to provide students with a combination of real-world experience and technical background.

This 9-month certificate prepares you for successful employment as a welder, cutter, fabricator, plant maintenance personnel, or supervisor. The program covers topics including oxy-acetylene welding and cutting, brazing, shielded metal arc welding, gas metal arc welding, gas tungsten arc welding, and CNC plasma arc cutting. Students are not required to take any general courses, so they are able to focus entirely on their welding-related skills.

Many Northern students obtain this certificate in addition to one of our College of Technical Sciences 2-year degrees or 4-year degrees to demonstrate their wide skill set and increase their opportunities upon graduation. In this program, students will become qualified in industry standards to demonstrate their up-to-date knowledge.

## 15 TO FINISH

### WANT TO GRADUATE ON TIME? SAVE MONEY? GET BETTER GRADES?

# 15

You're going to need 15. That's the number of credits you need to take each semester to graduate on time. Sure, you can take less and still receive some scholarships and funding. But unless you take 15 credits a semester (or 30 a year), you're looking at an extra year or more in order to graduate. Know the courses you need to graduate, and meet with your advisor to map out a plan to earn your degree on time.