

Welding Technology Certificate

26-27 catalog

Part-time

Description: This certificate program stresses the development of techniques and understanding of quality weldments. Effects of heat and stress on welded materials are studied and practiced in the laboratory. Students may develop sufficient skill for American Welding Society Certification. Students interested in receiving an associate degree should see a counselor/advisor.

Completion Time: 2 Years

This is suggested course sequencing. Please see a counselor or advisor for individual adjustments.

Year 1

Fall Semester

☐ Success Skills for the 21st Century	GNST 100	3 Cr.
☐ Fundamentals of Welding	WELD 101	3 Cr.
☐ TIG Welding	WELD 106	3 Cr.

Spring Semester

☐ Industrial Documentation & Measurement	TDSN 107	4 Cr.
☐ MIG Welding	WELD 105	3 Cr.
☐ Welding Fabrication & Design	WELD 265	3 Cr.

Year 2

Fall Semester

☐ Basic Machine Operations	INDS 129	4 Cr.
☐ Test Plate Welding	WELD 255	3 Cr.
☐ Industrial Applied Algebra	INDS 122	2 Cr.

Spring Semester

☐ Electrical Circuit Analysis	ATMN 110	3 Cr.
☐ Metallurgy & Heat Treatment	INDS 130	2 Cr.
☐ Choose 1		
Welding Automation	WELD 275	3 Cr.
Pipe Welding	WELD 285	3 Cr.

Total Credits: 36

Academic Advising: You should meet with an academic counselor prior to registering for classes.

Note: Prerequisite courses may apply to this program. A minimum of 60 unduplicated credits (100 level or higher) are required for all associate degree programs.