

Welding Certificate Courses

Award	Certificate
Credits	20
Program Start	Fall, Spring
Time to Complete	4 months
Course Format	Face-to-Face

2023–2024 Suggested Sequence of Study



The following suggested sequence of study is for new full-time students starting the program Fall 2023 or Spring 2024. Part-time students should visit with a program advisor for a modified sequence of study.



When registering for classes refer to Self-Service > Student Planning to view your specific program requirements, your progress, and ensure proper registration.



Courses are subject to change.

- ◆ General education course.
- ▣ Non-transfer general education course.
- ▶ Course has a prerequisite and/or corequisite.

8WK1 Course meets the first 8 weeks of the term.

8WK2 Course meets the second 8 weeks of the term.

Term 1

WEL-228	Introduction to Welding, Safety, and Health of Welders: SENSE1	8WK1	1
WEL-233	Print Reading and Welding Symbol Interpretation: SENSE1	8WK1	3
WEL-274	Shielded Metal Arc Welding I: SENSE1 ▶	8WK1	3
WEL-374	SMAW Developmental I ▶	8WK1	2
WEL-245	Gas Metal Arc Welding Spray Transfer: SENSE1 ▶	8WK2	2
WEL-262	Thermal Cutting Processes I - Manual and Mechanized OxyFuel Cutting: SENSE1 ▶	8WK2	2
WEL-263	Thermal Cutting Processes II - Plasma and Carbon Steel Arc: SENSE1 ▶	8WK2	2
WEL-346	GMAW Developmental I ▶	8WK2	2
MAT-772	Applied Math -OR- Math Elective		3 3
Total Credits			20

Math Electives

MAT-102	Intermediate Algebra	4
MAT-110	Math for Liberal Arts ▶	3
MAT-121	College Algebra ▶	4
MAT-128	Precalculus ▶	4
MAT-134	Trigonometry and Analytic Geometry ▶	3
MAT-156	Statistics ▶	3
MAT-210	Calculus I ▶	4
MAT-216	Calculus II ▶	4
MAT-219	Calculus III ▶	4