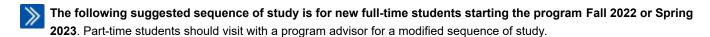
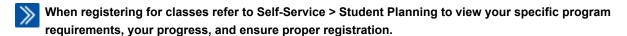
Welding Certificate Courses

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

2022–2023 Suggested Sequence of Study





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 SENSE1	of Welders: 8WK1	1
WEL-233 Print Reading and Welding Symbol Interpre SENSE1	etation: 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: SE	NSE1 ► 8WK2	2
WEL-262 Thermal Cutting Processes I - Manual and OxyFuel Cutting: SENSE1 ▶	Mechanized 8WK2	2
WEL-263 Thermal Cutting Processes II - Plasma and Steel Arc: SENSE1 ▶	Carbon 8WK2	2
WEL-346 GMAW Developmental I ▶	8WK2	2
MAT-772 Applied Math -OR-		3
Math Elective		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