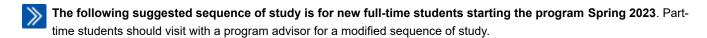
Intermediate Manufacturing Welding: GTAW, Carbon Steel, Aluminum and Stainless Steel Diploma Courses

Award	Diploma
Credits	28
Program Start	Spring
Time to Complete	7 months
Course Format	Face-to-Face

2022–2023 Suggested 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 — Spring		
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-		3
Math Elective		3
To	tal Credits	: 20

Total Credits 20

1
1
3
3

Total Credits 8

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		