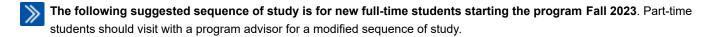
## CNC Machine Set-Up Specialist Certificate Courses

Award	Certificate
Credits	38
Program Start	Fall
Time to Complete	9 months

## 2023–2024 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.
<b>•</b>	Course has a prerequisite and/or corequisite.
0	Course meets 100% online.
E	Course meets face-to-face after 5:00pm.
8WK1	Course meets the first 8 weeks of the term.
8WK2	Course meets the second 8 weeks of the term.

Term 1	
MFG-157 Introduction to CNC Programming I 8WK1	2
MFG-158 Introduction to CNC Programming II ▶ 8WK2	2
MAT-772 Applied Math -OR-	3
Math Elective	
MFG-122 Machine Trade Printreading I	3
MFG-211 Basic Machine Theory	2
MFG-222 Machine Operations I ▶	4
MFG-302 CNC Fundamentals	3

**Total Credits 19** 

Term 2	
COM-781 Written Communication in the Workplace ▶ -OR-	OE 3 ◆
ENG-105 Composition I ►	OE 3 ◆
MFG-142 Geometric Dimensioning Tolerancing ▶	3
MFG-214 Advanced Machine Theory	2
MFG-228 Machine Operations II	4
MFG-309 CNC Programming Theory II ▶	4
MFG-335 CNC Operations ▶	3

## **Total Credits 19**

Math Electives	
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