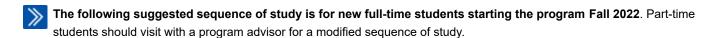
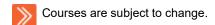
CNC Machining Technology Diploma Courses

Award	Diploma
Credits	47
Program Start	Fall
Time to Complete	1 year

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.



•	General education course.
	Non-transfer general education course.
•	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		3
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 ▶ -C	OR- OE	3	*
ENG-105 Composition I ►	ΟE	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 Cuadita 4		

Total Credits 19

Term 3 — Summer	
MFG-320 Computer Aided Machining	3
MFG-364 Hydraulic Jigs and Fixtures ▶	4
MFG-380 EDM Fundamentals	2

Total Credits 9

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