



**CNC Machine Operator
Certificate
Two Semester Pathway Academic Year 2021-2022**

Semester 1	Requirement	Recommended	Prerequisites	Corequisites	Credits	My Plan
ENGL 100	English Composition		ENGL 090, ENGL 095		3	
FIGS 100	Student Success Elective				1	
MATH 130 OR	Technical Mathematics		MATH 030		3	
MATH 140 AND	College Algebra		MATH 050		3	
MATH 146	Introduction to Trigonometry		MATH 050	MATH 140	1	
MACH 115 OR	Introduction to Precision Machining		MATH 030		7	
MACH 101 AND	Introduction to Manufacturing		MATH 030		1	
MACH 102 AND	Precision Machining: Lathe		MATH 030, MACH 101		3	
MACH 103 AND	Precision Machining: Mills/Grinding		MATH 030, MACH 101		3	
Semester 2						
MACH 165	Advanced Precision Machining		MACH 115	AEDD 170	7	
AEDD 170	Parametric Modeling with Solidworks		MACH 115		3	

CNC Machine Operator, Certificate

Requirements					
COURSE CODE	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	MET
ENGL 100	English Composition	ENGL 090, ENGL 095		3	
FIGS 100	Student Success Elective			1	
MATH 130 OR	Technical Mathematics	MATH 030		3	
MATH 140 AND	College Algebra	MATH 050		3	
MATH 146	Introduction to Trigonometry	MATH 050	MATH 140	1	
AEDD 170	Parametric Solid Modeling	MACH 115		3	
MACH 115 OR	Introduction to Precision Machining	MATH 030		7	
MACH 101 AND	Introduction to Manufacturing	MATH 030		1	
MACH 102 AND	Precision Machining: Lathe	MATH 030, MACH 101		3	
MACH 103 AND	Precision Machining: Mills/Grinding	MATH 030, MACH 101		3	
MACH 165	Advanced Precision Machining	MACH 115	AEDD 170	7	

2021-2022