



## CNC Machine Operator Certificate

Two-Semester Pathway - Academic Year 2019-2020

Semester 1	Requirement	Recommended	Prerequisites	Corequisites	Credits	My Plan
ENGL-100	English Composition		ENGL-090, ENGL-095		3	
FIGS-100	Freshman Interest Group				1	
MATH-130 <i>or</i>	Technical Mathematics		MATH-030		3	
MATH-140 <i>and</i>	College Algebra		MATH-050		3	
MATH-146	Introduction to Trigonometry		MATH-050	MATH-140	1	
MACH-115	Introduction to Precision Machining		MATH-030		7	
Semester 2						
MACH-165	Advanced Precision Machining		MACH-115 or MACH-105 & MACH-106	AEDD-170	7	
AEDD-170	Parametric Modeling with Solidworks		MACH-115 or MACH-106		3	

## CNC Machine Operator, Certificate

<b>Requirements</b>					
<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>PREREQUISITES</b>	<b>COREQUISITES</b>	<b>CREDITS</b>	<b>MET</b>
AEDD-170	Parametric Solid Modeling	MACH-115	MACH-165	3	
ENGL-100	English Composition	ENGL-090, ENGL-095		3	
FIGS-100	Freshman Interest Group Elective			1	
MACH-115	Introduction to Precision Machining	MATH-030		7	
MACH-165	Advanced Precision Machining	MACH-115	AEDD-170	7	
MATH-130 <i>or</i>	Technical Mathematics	MATH-030		3	
MATH-140 <i>and</i>	College Algebra	MATH-050		3	
MATH-146	Introduction to Trigonometry	MATH-050	MATH-140	1	

**2019-2020**