

Degree Completion Pathways

Map to Completion

Beginning in the fall as a freshman student.

Machine Tool			
Associate Degree/Certificate/Short Certificate			
Full Time	Course Prefix	Course Title	Credit Hours
Fall Semester 1	ADM101	Precision Measurement	3
	ADM111	Manufacturing Safety Practices	3
	MTT147	Introduction to Machine Shop I	3
	MTT148	Introduction to Machine Shop I Lab	3
	ORI101	Orientation to the College	1
Congratulations! Precision Machining Fundamentals Short Certificate Awarded			
Spring Semester 1	MTT129	Lathe Operations	6
	MTT149	Introduction to Machine Shop II	3
	MTT150	Introduction to Machine Shop I Lab	3
	MTT107	Machining Calculations	
	ENG101	English Composition I	3
Congratulations! Precision Machining Milling Short Certificate Awarded			
Summer Semester 1	MTT140	Basic Computer Numerical Control Turning Programming I	3
	MTT141	Basic Computer Numerical Control Milling Programming I	3
	MTT139	Basic Computer Numerical Control	3
	MTH100	Intermediate College Algebra	3
Fall Semester 2	MTT Ele	Machine Tool Elective	3
	MTT Ele	Machine Tool Elective	3
	ADM110	Blueprint Reading	3
	CIS146	Microcomputer Applications	3
	ENG102	English Composition II	3
Spring Semester 2	AREA II	Humanities/ Fines Arts	3
	Area III	CIS 146	3
	Area III	4 credit hour Natural Science Course	3
	Area IV	History, Social, or Behavioral Science Course	3
	BSS220	Professional Transition	1
Congratulations! CNC Fundamentals Certificate Awarded Machining Fundamentals Certificate Awarded Associate in Applied Science Degree in Machine Tool Awarded			
Precision Machining Fundamentals Short Certificate			Total Hours- 9
Precision Machining Milling Short Certificate			Total Hours- 9
CNC Fundamentals Certificate			Total Hours- 38
Machining Fundamentals Certificate			Total Hours- 38
Associate in Applied Science Degree in Machine Tool			Total Hours- 69