



# Degree Completion Pathways

## Map to Completion

*Beginning in the fall as a freshman student.*

<h2 style="margin: 0;">Machine Tool</h2> <h3 style="margin: 0;">Associate Degree/Certificate/Short Certificate</h3>			
Full Time	Course Prefix	Course Title	Credit Hours
Fall Semester 1	ADM101	Precision Measurement	3
	ADM110	Blueprint Reading	3
	MTT147	Introduction to Machine Shop I	3
	MTT148	Introduction to Machine Shop I Lab	3
	ORI101	Orientation to the College	1
<b>Congratulations!</b> <b>Precision Machining Fundamentals Short Certificate Awarded</b>			
Spring Semester 1	MTT139	Basic Computer Numerical Control	3
	AREA II	Humanities/Fine Arts	3
	CIS146	Microcomputer Applications	3
	MTT107	Machining Calculations I	3
	ENG101	English Composition I	3
Summer Semester 1	MTT140	Basic Computer Numerical Control Turning Programming I	3
	MTT141	Basic Computer Numerical Control Milling Programming I	3
	MTH100	Intermediate College Algebra	3
Fall Semester 2	MTT Ele	Machine Tool Elective	3
	MTT Ele	Machine Tool Elective	3
	ADM111	Manufacturing Safety Practices	3
	ENG102	English Composition II	3
Spring Semester 2	MTT149	Introduction to Machine Shop II	3
	MTT150	Introduction to Machine Shop II Lab	3
	AREA III	4 credit hour Natural Science Course	3
	AREA IV	History, Social, or Behavioral Science Course	3
<b>Congratulations!</b> <b>Precision Machining Milling Short Certificate Awarded</b>			
Summer Semester 2	MTT219	Computer Numerical Control Graphics Turning	3
	MTT220	Computer Numerical Control Graphics Milling	3
	BSS220	Professional Transition	3
<b>Congratulations!</b> <b>CNC Fundamentals Certificate Awarded</b> <b>Machining Fundamentals Certificate Awarded</b> <b>Associate in Applied Science Degree in Machine Tool Awarded</b>			
<b>Precision Machining Fundamentals Short Certificate</b>			<b>Total Hours - 9</b>
<b>Precision Machining Milling Short Certificate</b>			<b>Total Hours - 9</b>
<b>CNC Fundamentals Certificate</b>			<b>Total Hours - 38</b>
<b>Machining Fundamentals Certificate</b>			<b>Total Hours - 38</b>
<b>Associate in Applied Science Degree in Machine Tool</b>			<b>Total Hours - 69</b>