

# MACHINE TOOL TECHNOLOGY, A.A.S. - MTT3

## Requirements

Courses	Course Title	Credit Hours
<b>General Education Courses</b>		
ENG 165	Professional Communications (or approved ENG course)	3
Select one of the following:		3
MAT 170	Algebra, Geometry and Trigonometry I	
MAT 110	College Algebra	
MAT 120	Probability and Statistics	
Lab Science/Mathematics ( <a href="https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/">https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/</a> )		3
Elective Social/Behavioral Sciences ( <a href="https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/">https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/</a> )		3
Elective Humanities/Fine Arts ( <a href="https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/">https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/</a> )		3
Subtotal		15
<b>Required Core Subject Areas</b>		
MTT 120	Machine Tool Print Reading	3
MTT 121	Machine Tool Theory I	3
MTT 123	Machine Tool Theory II	3
MTT 130	Fundamentals of Geometric Dimensions and Tolerances	2
MTT 141	Metals and Heat Treatment	3
MTT 250	Principles of CNC	3
Subtotal		17
<b>Other Courses Required for Graduation</b>		
COL 103	College Skills	3
CPT 169	Industrial Computer Applications	3
MTT 122	Machine Tool Practice I	4
MTT 124	Machine Tool Practice II	4
MTT 126	Machine Tool Practice III	4
MTT 143	Precision Measurements	2
MTT 161	Machine Tool Maintenance Theory	2
MTT 222	Tool and Diemaking Practice I	4
MTT 224	Tool and Diemaking Practice II	4
MTT 251	CNC Operations	3
MTT 253	CNC Programming and Operations	3
Subtotal		36
<b>Total Hours</b>		<b>68</b>