



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

## Graduation Plan

### Fall Start

Course	Title	Hours
<b>Fall Semester</b>		
MAT 170	Algebra, Geometry and Trigonometry I	3
MTT 120	Machine Tool Print Reading	3
MTT 121	Machine Tool Theory I	3
MTT 122	Machine Tool Practice I	4
MTT 143	Precision Measurements	2
Hours		15
<b>Spring Semester</b>		
ENG 165	Professional Communications	3
MTT 123	Machine Tool Theory II	3
MTT 124	Machine Tool Practice II	4
MTT 250	Principles of CNC	3
Hours		13
<b>Summer Semester</b>		
MTT 126	Machine Tool Practice III	4
MTT 141	Metals and Heat Treatment	3
MTT 161	Machine Tool Maintenance Theory	2
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
Hours		12
<b>Second Year</b>		
<b>Fall Semester</b>		
MAT 171	Algebra, Geometry and Trigonometry II	3
MTT 130	Fundamentals of Geometric Dimensions and Tolerances	2
MTT 222	Tool and Diemaking Practice I	4
MTT 251	CNC Operations	3
Hours		12
<b>Spring Semester</b>		
CPT 169	Industrial Computer Applications	3
MTT 224	Tool and Diemaking Practice II	4
MTT 253	CNC Programming and Operations	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
Hours		13
Total Hours		65

### Spring Start

Course	Title	Hours
<b>First Year</b>		
<b>Spring Semester</b>		
ENG 165	Professional Communications	3
MTT 123	Machine Tool Theory II	3
MTT 124	Machine Tool Practice II	4
MTT 250	Principles of CNC	3
Hours		13
<b>Summer Semester</b>		
MTT 126	Machine Tool Practice III	4
MTT 141	Metals and Heat Treatment	3
MTT 161	Machine Tool Maintenance Theory	2
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
Hours		12
<b>Fall Semester</b>		
MAT 170	Algebra, Geometry and Trigonometry I	3
MTT 120	Machine Tool Print Reading	3
MTT 121	Machine Tool Theory I	3
MTT 122	Machine Tool Practice I	4
MTT 143	Precision Measurements	2
Hours		15
<b>Second Year</b>		
<b>Spring Semester</b>		
CPT 169	Industrial Computer Applications	3
MTT 224	Tool and Diemaking Practice II	4
MTT 253	CNC Programming and Operations	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
Hours		13
<b>Fall Semester</b>		
MAT 171	Algebra, Geometry and Trigonometry II	3
MTT 130	Fundamentals of Geometric Dimensions and Tolerances	2
MTT 222	Tool and Diemaking Practice I	4
MTT 251	CNC Operations	3
Hours		12
Total Hours		65