

# Machine Tool Technology

Program: Machine Tool Technology

## MACHINE TOOL TECHNOLOGY CERTIFICATE – Guided Pathway/Map

### 1st Semester

Item #	Title	Credits
MTT 127	Metrology	3
MTT 121	Basic Print Reading for Machinists	3
MTT 147	Introduction to Machine Shop I	3
MTT 148	Introduction to Machine Shop I Lab	3
ENG 101	English Composition I	3
ORI 110	Freshman Seminar	1
	Sub-Total Credits	16

### 2nd Semester

Item #	Title	Credits
MTT 107	Machining Calculations I	3
MTT 134	Lathe Operations I	3
MTT 135	Lathe Operations I Lab	3
MTT 171	Intermediate Blueprint Reading for Machinists	3
	Sub-Total Credits	12

### 3rd Semester

Item #	Title	Credits
MTT 221	Advanced Blueprint Reading for Machinists	3
MTT 130	Machine Calculations II	3
MTT 149	Introduction to Machine Shop II	3
MTT 150	Introduction to Machine Shop II Lab	3
MTH 103	Introduction to Technical Mathematics	3
	Sub-Total Credits	15

### 4th Semester

Item #	Title	Credits
MTT 128	Geometric Dimensioning & Tolerancing I	3
MTT 137	Milling I	3
MTT 138	Milling I Lab	3
MTT 142	Advanced Machining Calculations	3
	Sub-Total Credits	12
	<b>Total credits:</b>	<b>55</b>