

Recommended Sequence of Courses

First Semester – Fall

CPT 101	Introduction to Computers	3
or		
EGR 110	Introduction to Computer Environment	3
IMT 163	Problem Solving for Mechanical Applications	3
ELE HUM	Select one course from Humanities Electives on page B-3	3
		Total 9

Second Semester – Spring

IMT 131	Hydraulics and Pneumatics	4
IMT 151	Piping Systems	3
SPC 205	Public Speaking	3
or		
SPC 209	Interpersonal Communication	3
		Total 10

Third Semester – Summer

IMT 210	Basic Industrial Skills I	3
IMT 211	Basic Industrial Skills II	3
ELE MAT	Select one course from Mathematics Electives on page B-3	3
		Total 9

Fourth Semester – Fall

ENG 101	English Composition I	3
IMT 105	Mechanical Sketching	2
IMT 121	Drive Systems	2
IMT 124	Pumps	2
		Total 9

Fifth Semester – Spring

EEM 117	AC/DC Circuits I	4
IMT 160	Preventive Maintenance	3
ELE SSC	Select one course from Behavioral and Social Sciences Electives on page B-3	3
		Total 10

Machine Tool Technology Career Path Course Display

Credit Requirements: 74 Semester Credit Hours

Core Curriculum Requirements

CPT 101	Introduction to Computers	3
or		
EGR 110	Introduction to Computer Environment	3
ELE HUM	Select one course from Humanities Electives on page B-3	3

ELE MAT	Select one course from Mathematics Electives on page B-3	3
ELE SSC	Select one course from Behavioral and Social Sciences Electives on page B-3	3
ENG 101	English Composition I	3
SPC 205	Public Speaking	3
or		
SPC 209	Interpersonal Communication	3

Primary Path

MTT 121	Machine Tool Theory I	3
MTT 122	Machine Tool Practice I	4
MTT 123	Machine Tool Theory II	3
MTT 124	Machine Tool Practice II	4
MTT 125	Machine Tool Theory III	3
MTT 126	Machine Tool Practice III	4
MTT 141	Metals and Heat Treatment	3
MTT 143	Precision Measurements	2
MTT 241	Jigs and Fixtures	2
MTT 240	Specifications	3
MTT 215	Toolroom Machining I	4

Secondary Path

EGT 106	Print Reading and Sketching	3
EGT 109	Introduction to Engineering Design Graphics	3
EGT 151	Introduction to CAD	3
EGT 152	Fundamentals of CAD	3

Additional Requirements

IMT 163	Problem Solving for Mechanical Applications	3
MTT 250	Principle of CNC	3
MTT 253	CNC Operations and Programming	3

Machine Tool Technology Career Path

Credit Requirements: 64-66 Semester Credit Hours

Recommended Sequence of Courses

First Semester – Fall (Evening)

EGT 106	Print Reading and Sketching	3
MTT 121	Machine Tool Theory I	3
MTT 122	Machine Tool Practice I	4
		Total 10

Second Semester – Spring

MTT 123	Machine Tool Theory II	3
MTT 124	Machine Tool Practice II	4
ELE MAT	Elective	3
		Total 10