

## MACHINE TOOL TECHNOLOGY

The Machine Tool Technology program is 4 trimesters (1728 hours).

Courses	Books/Supplies	ISBN	Price
MTTZ-0001 Worker Characteristic	<u>First Trimester</u>		
MTTZ-1010 Technology Foundation	Tooling U Online Text Book		\$ 256.00
MTTZ-1020 Orientation & Practical Safety	Shop Reference for Students and Apprentices	9780831130794	30.00
MTTZ-1030 Math Concepts I	Trigonometry Tables		10.00
MTTZ-1040 Engineering Drawings I	Machinist Calc Pro 2 4088 w/case		115.00
MTTZ-1050 Shop Theory I	NIMS (registration and tests)		125.00
MTTZ-1060 Benchwrk & Manual Machine Tool	Blueprint Reading for Machinists	9781401862565	130.00
MTTZ-0002 Worker Characteristic	Tool Kit for Machinists		950.00
MTTZ-2010 Math Concepts II	5 Uniform Shirts		125.00
MTTZ-2020 Engineering Drawings II CAD	1 pair safety glasses		10.00
MTTZ-2030 Shop Theory II	First Trimester Cost For Books/Supplies		\$ 1,751.00
MTTZ-2040 Manual Lathe			
MTTZ-2050 Manual Milling Machine	<u>Second Trimester</u>		
MTTZ-2060 Grinding and Abrasive Machines	Metal for projects		\$ 100.00
MTTZ-2070 Mfg Materials & Processes			
MTTZ-2080 Intro to Comp Numerical Ctrl	<u>Third Trimester</u>		
MTTZ-0003 Worker Characteristic	USB Flash Drive (8GB)		\$ 20.00
MTTZ-3010 Engineering Drawings III CAM			
MTTZ-3020 Shop Theory III	<u>Fourth Trimester</u>		
MTTZ-3030 Precision Grinding	None		-
MTTZ-3040 Comp Numerical Ctrl Machining			
MTTZ-0004 Worker Characteristic	TOTAL COST FOR ALL BOOKS/SUPPLIES		\$ 1,871.00
MTTZ-4010 Employability Skills			
MTTZ-4020 Intro to Additive Mfg	TOTAL COST FOR ALL FEES (\$1312 per term*)		\$ 5,248.00
MTTZ-4030 Shop Theory IV			
MTTZ-4040 CNC Turning Center	TOTAL PROGRAM COSTS		\$ 7,119.00
MTTZ-4050 CNC Machining Center			
MTTZ-4060 Electrical Discharge Machining			

\*Effective September 1, 2019, fees charged each term: \$1229 maintenance fee, \$73 technology access fee, and \$10 student activity fee.

Books and prices are subject to change without notice.