

## MACHINE TOOL TECHNOLOGY

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

	Courses	Books/Supplies		ISBN	F	Price
MTTZ-0001 MTTZ-1010	Worker Characteristic Technology Foundation	<u>First Trimester</u> Tooling U Online Text Book	Annuations	0700004420704	\$	256.00
MTTZ-1020 MTTZ-1030	Orientation & Practical Safety Math Concepts I	Shop Reference for Students and Trigonometry Tables	Apprentices	9780831130794		30.00 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				100.00
MTTZ-2010 MTTZ-2020	Math Concepts II Engineering Drawings II CAD	5 Uniform Shirts 1 pair safety glasses				125.00 10.00
MTTZ-2020 MTTZ-2030	Shop Theory II	i pail salety glasses	First Trimester Co	st For Books/Supplies	\$1	901.00
MTTZ-2040	Manual Lathe				ψι,	001.00
MTTZ-2050	Manual Milling Machine	Second Trimester				
MTTZ-2060	Grinding and Abrasive Machines	Metal for projects			\$	100.00
MTTZ-2070	Mfg Materials & Processes					
MTTZ-2080	Intro to Comp Numerical Ctrl	Third Trimester			<u>^</u>	
MTTZ-0003	Worker Characteristic	USB Flash Drive (8GB)			\$	20.00
MTTZ-3010 MTTZ-3020	Engineering Drawings III CAM Shop Theory III	Fourth Trimester				
MTTZ-3020 MTTZ-3030	Precision Grinding	None				-
MTTZ-3040	Comp Numerical Ctrl Machining					
MTTZ-0004	Worker Characteristic		TOTAL COST FOR AL	L BOOKS/SUPPLIES	\$2,	021.00
MTTZ-4010	Employability Skills					
MTTZ-4020	Intro to Additive Mfg		TOTAL COST FOR ALL FE	ES (\$1312 per term*)	\$5,	248.00
MTTZ-4030	Shop Theory IV		тота		¢т	260.00
MTTZ-4040 MTTZ-4050	CNC Turning Center CNC Machining Center		TOTA	L PROGRAM COSTS	<b>Ъ</b> 7,	209.00
MTTZ-4050 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.