MACHINE TOOL TECHNOLOGY A.A.S. DEGREE

Machine Tool Technology is a program of study that instructs its students in making computation relating to working dimensions, tooling, feeds and speeds of machinery. Instruction in the laboratory is provided in the use of lathes, shapers, milling machine, grinders; the use of precision measuring instruments such as layout tools, micrometers, and gauges; methods of machining and heat treating and testing of various metals; and the reading of blueprint parts. Advanced training is available in technical mathematics, mechanical drawing, industrial psychology, safety, and shop management.

Admission Requirements

Students must submit a composite score of 14 or higher on the ACT. Exceptions may be made, *with instructor permission*, for students who do not meet entrance requirements.

REQUIRED COURSES:		PREV TAKEN	FALL	SPRING	FALL	SPRING
FIRST SEMESTER FRESHMAN						
MST 1313 Machine Tool Math	3 hrs.					
DDT 1513 Blueprint Reading	3 hrs.					
MST 1114 Power Machinery I	4 hrs.					
ENG 1113 Comp I	3 hrs.					
SECOND SEMESTER FRESHMAN						
MST 1124 Power Machinery II	4 hrs.					
MST 1613 Precision Layout	3 hrs.					
MST 1423 Advanced Blueprint Reading	3 hrs.					
DDT 1313 Computer Aided Design I	3 hrs.					
Social/Behavioral Science Elective	3 hrs.					
FIRST SEMESTER SOPHOMORE						
MST 2134 Power Machinery III	4 hrs.					
MST 2714 Computer Numerical Control Opr. I	4 hrs.					
DDT 1163 Engineering Graphics	3 hrs.					
Math/Natural Science Elective	3 hrs.					
SECOND SEMESTER SOPHOMORE						
MST 2724 Computer Numerical Control Opr. II	4 hrs.					
MST 2144 Power Machinery IV	4 hrs.					
DDT 1173 Mechanical Design I	3 hrs.					
COM/SPT 1113 Public Speaking I	3 hrs					
Humanities/Fine Arts Elective	3 hrs.					
SUGGESTED ELECTIVES **(with instructor's permission)**						
MST 291 (1-3) Special Problem	1-3 hrs.					
MST 2923 Supervised Work Experience	3 hrs.					
Total Hours: 60						
Advisor Initials:						
Date:						