

**Machine Tool Technology (MTT)
 Certificate
 M.A.P.[†]**

Semester	Suggested Courses	Semester(s) Offered*	Credit Hrs.
Semester 1 18 credit hours	MTT 100 Machining Technology I	Fall	6
	MTT 121 Basic Print Reading for Machinists	Fall	3
	MTT 127 Metrology	Fall	3
	MTT 142 Advanced Machining Calculations	Fall	3
	ENG 101 English Composition I [†]	Fall, Spring, Summer	3
Semester 2 18 credit hours	MTT 129 Lathe Operations	Spring	6
	MSP 107 Milling Machines	Spring	3
	MTT 154 Metallurgy	Spring	3
	MTT 164 Introduction to Precision Grinding	Spring	3
	MTH 100 <i>or</i> Intermediate College Algebra <i>or</i> MTH 116 Mathematical Applications [†]	Fall, Spring, Summer	3
Semester 3 17 credit hours MTT Certificate[†] Achieved	MTT 102 Machining Technology Advanced	Summer	3
	MTT 144 Electrical Discharge Machining I	Summer	3
	MTT 165 Advanced Precision Grinding Machines	Summer	3
	MTT 205 Mold Maintenance and Repair	Summer	3
	SPH 106 <i>or</i> Fundamentals of Oral Communication <i>or</i> SPH 107 Fundamentals of Public Speaking [†]	Fall, Spring, Summer	3
	ORI 101 Orientation to College	Fall, Spring, Summer	2
Total Hours			53

*Course(s) may be offered in additional semesters but are only assured to run in the semester(s) indicated. It is **highly** recommended that course(s) be completed in the semester(s) indicated.

Part-time students and full-time students desiring to begin the MTT program of study during a spring or summer semester should consult with an academic advisor to establish an alternate degree completion pathway.

[†]Completion of MTT is generally required for admittance into Computerized Numerical Control (CNC). The remaining general education courses required to obtain an AAS degree in Machine Tool Technology are included in the CNC completion plan.

Students desiring to obtain an Associate in Applied Science in MTT without completion of the CNC program should consult with an academic advisor to establish an alternate degree completion pathway.