

CERTIFICATES OF ACHIEVEMENT

MACHINE TOOL TECHNOLOGY

Students will prepare for entry into machining occupations. Learn setup and use of industrial equipment and tools utilized by machinist to manufacture parts for all types of machines. Operation of CNC (computer numerical control) lathes and mills and other hand tools preparing students for National Institute for Metalworking Skills (NIMS) exams Levels 1 and 3.

Please see the Certificate of Achievement page for a list of all courses filling general education requirements.

Required Courses

Course	Title	Units
Total Requirements		30 Units
Program Requirements		20 Units
DFT 110	Blueprint Reading for Industry	3
or CONS 120	Blueprint Reading and Specification	
MTT 105	Machine Shop I	3
MTT 106	Machine Shop Practice I	2
MTT 110	Machine Shop II	3
MTT 111	Machine Shop Practice II	2
MTT 230	Computer Numerical Control I	4
Related Machine shop courses		3
General Education Requirements		10 Units
English/Communications Requirements: Recommend: BUS 108; <i>Must include a writing course</i>		6
Human Relations Requirement		1
Mathematics Requirement: <i>MATH 110 Recommended</i>		3

Suggested Course Sequence

MACHINE TOOL TECHNOLOGY - Certificate of Achievement			
First Semester	Units	Second Semester	Units
MTT 105	3	DFT 110/CONS 120	3
MTT 106	2	MTT 110	3
Human Relations	1	MTT 111	2
English/Communication	3	English/Communication	3
Mathematics	3	MTT 230	3
MTT Elective	3		