

Certificate of Achievement: Tooling and Milling

This certificate provides students training in to the necessary theoretical and professional skills necessary to safely operate manual metalworking and machining equipment. Prepares students for certification to the National Institute of Metalworking Skills (NIMS) in drill press, milling and turning operations. Upon completion of the certificate, students will be able to work in the automotive, aerospace, and manufacturing industries.

Certificate Student Learning Outcome:

Students will be able to perform a variety of metalworking and machining applications that meet or exceed industry standards.

Program Requirements:

Units Required: 19

		Units:
MFGT-090	Measurements and Computations	3.0
MFGT-100	Industrial Safety	2.0
MFGT-101	Print Reading for the Machine Trades	2.0
MFGT-102	Geometric Dimensioning for the Machine Trades	2.0
MFGT-103	Metrology for the Machine Trades	2.0
MFGT-104	Metallurgy for the Machine Trades	2.0
MFGT-105	Benchwork and Handtool Fundamentals	2.0
MFGT-106	Applied Manual Machining	4.0