

MACHINE TOOL TECHNOLOGY - 3 Credits

PREREQUISITES:

Excellent attendance record. Ability to add and subtract fractions and decimals. Ability to read a ruler to 1/16 inch. Demonstrated mechanical aptitude (tests, hobbies, etc.)

DESCRIPTION:

Students learn how to read blueprints, make shop working sketches, and layout jobs with the information provided on prints. They also learn to perform basic set-up and machine operations on the lathe, milling machines, drill press, and grinder. An introduction to computer numerical control machining is given to second year students. Basic math and measuring skills are required.

MACHINE TOOL TECHNOLOGY I: 190109 (3 credits)

MCHTL-FUND - Fundamentals of Machine Tool Technology (180 hours, 1st semester) 190319

MCHTL-MACH - Machine Processes (180 hours, 2nd semester) 190529

MCHTL-INTMP - Integrated Machine Processes (180 hours, both semesters) 190419 & 190429

MACHINE TOOL TECHNOLOGY II: 190709 (3 credits)

MCHTL-PRCSAP - Machining Processes & Applications (180 hours, 1st semester) 190719

MCHTL-METAL - Metal Trades Processes & Applications (180 hours, 2nd semester) 190929

MCHTL-ADDTT – Advanced Machine Tool Technology (180 hours, both semesters) 190219 & 190229