



METALS

	Course #	Hours	Cost	Days
MACHINE I SECOND SEMESTER	MACH 101 (APP) 8538A2	75.0	\$340.00	Mon/Wed
Theory Continuation of related instructional program in the machinist trade focuses on students being proficient in the trade math to include general math, algebra, geometry, and trigonometry; safety, cutting fluids, screw threads, tapers, cutting speed and feed, gears, measuring tools and precision measurement, tolerances, allowances, and limits; blue print reading, sketching, first aid, metrics, cnc, stress relieving/heat treating, and welding, numerical controls and innovative technology. (2 SEMESTER - 150 HOURS)				
MACHINE II Second Semester	MACH 202 (APP) 8539 A4	75.0	\$340.00	Mon/Wed
Second year theory course teaches machine tool operations and techniques used in manufacturing. Hands-on applications are focused on project work using the lathe, Dill Press, Vertical and Horizontal Milling Machine and Surface Grinder. Curriculum is designed to meet industry skills and safety standards. Prerequisite of Machine Shop I (2 SEMESTER - 150 HOURS)				
MACHINE III Second Semester	MACH 302 (APP) 8539 A6	75.0	\$340.00	Mon/Wed
Advance course of Machine Theory I & II (Prerequisite of Machine Shop I & II) Students prepare for the National Machinist Examination Certification.(2 SEMESTER-150 HOURS)				