

Machining Technology Program

Required Tool List

This tool list has been compiled by the Machining Technology Program. The tools listed here are **required** for lab work in classes and we strongly encourage you to purchase quality name brand tools. The brands recommended are high precision, quality, and industry recognized. Please ask your instructor for any clarification or further recommendations.

Item	Features	Recommended Brand
Safety Glasses	Clear ANSI Z87.1 rated	3M
Closed-toe work boot	Steel or Composite toe	
Permanent Markers		
12' Tape Measure		1/32" or 1/64" graduations
6" Flexible Steel Ruler		Mitutoyo, Starrett, Lufkin
6" Dial Caliper		Starrett, Mitutoyo, Mahr
Standard & Metric Allen Wrench set		Eklind, Bondhus, Wera
Magnetic Base Indicator Holder		Noga
Test Indicator	Horizontal Type with dovetails & .0005" graduations	Starrett, Mitutoyo, Interapid, Tesa Brown & Sharpe, Lufkin
Dial Drop Indicator	1" Range & .001" graduations	Starrett, Mitutoyo, Interapid, Tesa Brown & Sharpe, Lufkin
Dial/Test Indicator Holder	Shank Mount Style	Edge Technology, Noga
0-3" Vernier Micrometers	Purchase individually or as a set .0001" graduations	Starrett, Mitutoyo, Tesa Brown & Sharpe
Multi-Drawer Roller Cabinet	Rolling tool box with drawers	US General, Kennedy

NOTE: This is a basic tool list that will be adequate for lab work in classes on campus. Cooperative Work Experience sites may require and/or recommend additional tools that are more specific to that work site.