



Manual Machining and CNC Machining Tool Set

\$2,300 (Approximately)

Machining students must purchase tools, but it is best to wait until orientation or the first day of class to get specific recommendations from your instructor. Please refer to the following list of required tools.

Needed for the first semester (fall):

1. 2 Uniform Shirts
2. 6" Dial Caliper
3. 0-1 micrometer
4. Allen Wrenches (cluster pack) – metric and standard
5. 1" Indicator Dial MSC#76450071
6. Dead Blow Hammer – 1 pound
7. 2" Indicator Dial MSC#76450089
8. Center Punch Set
9. Magnetic Base (Noga)
MSC#92257229
10. Mighty Mag Base (magnetic)
MSC#06580450
11. 4 pc. Combination Square
MSC#60591559
12. De-burring Tool MSC#05751003
13. Double End Edge/Center Finder
MSC#03293412
14. Pocket Flashlight
15. Carbide Scribe MSC#7649880
16. Screwdriver Set
17. 6" Rigid Scale, 32nds and 64ths one side/100th on flip side
MSC#78988136
18. Standard Set Combo Wrenches 3/8" – 1"
19. 6" Flex Scale, 32nds and 64ths one side/100ths on slip side
MSC#69745974
20. Measuring Tape – 10 foot
21. HSS Tool Bit Blank 3/8" 2 each
MSC#02603249
22. HSS Tool Bit Blank 1/2" 2 each
MSC#02603322
23. HSS Tool Bit Blank 1/4" 2 each
24. Thread Wire set MSC#03293529
25. 6-pc Snap Gauges MSC#06457014
26. Pitch Gauges, inch and metric
MSC#01221019 and MSC#01221043
27. File Set with Handles MSC#6030488
28. One Set of Parallels
29. File Brush
30. Screw Machine Length Drills,
(Fractional, Letters, Numbers)
31. Safety Glasses
32. Tool Box – max 26" wide, 20" deep, 37" high (minimum height 37" **No top boxes**)
33. 1-2-3 Blocks MSC#06378012
34. V-Block w/ Clamp Set
35. Acme Screw Pitch Gauge Required 2nd semester MSC#63326367

Needed for the second semester (spring):

36. Carbide Insert Holders – RH turning and threading
37. Carbide Inserts – 2 threading and 2 grooving
38. Test Dial Indicator .0005 res
39. Coaxial Indicator (Optional)