

PRECISION MACHINING & AUTOMATION TECHNOLOGY

REQUIRED BASIC TOOL LIST

Tools Required By Week Three Of First Term:

- | | | |
|---|---|--|
| <input type="checkbox"/> Safety Glasses, (2 pr)
<input type="checkbox"/> Steel Rule, 6" Flexible
<input type="checkbox"/> Dial Calipers, 6"
<input type="checkbox"/> Micrometer, 0-1"
<input type="checkbox"/> Micrometer, 1-2"
<input type="checkbox"/> Travel Indicator, 1"
<input type="checkbox"/> Indicator Base, Magnetic
<input type="checkbox"/> Indicator Base Kit, Compact
<input type="checkbox"/> Precision Square, 6"
<input type="checkbox"/> Gage, Drill Point
<input type="checkbox"/> Gage, Center
<input type="checkbox"/> Gage, 60° Thread Pitch
<input type="checkbox"/> Gage Set, 1/32-1/4 Radius
<input type="checkbox"/> Gage Set, 17/32-1/2 Radius
<input type="checkbox"/> Scriber | <input type="checkbox"/> Edge Finder
<input type="checkbox"/> Screwdriver Set, 2-pc
<input type="checkbox"/> Wrench, Adjustable
<input type="checkbox"/> Hammer, Brass
<input type="checkbox"/> Hammer, Dead Blow
<input type="checkbox"/> File, Second Cut, Mill
<input type="checkbox"/> File Handle
<input type="checkbox"/> File Card
<input type="checkbox"/> Chip Brush
<input type="checkbox"/> Tap Handle, 9"
<input type="checkbox"/> Tap Handle, 6"
<input type="checkbox"/> Chuck Key, K3 size
<input type="checkbox"/> Pliers, Slip Joint
<input type="checkbox"/> Hex Key Set, Standard
<input type="checkbox"/> Hex Key Set, Metric | <input type="checkbox"/> Center Punch
<input type="checkbox"/> Prick Punch
<input type="checkbox"/> Countersink Set
<input type="checkbox"/> Deburring Tool
<input type="checkbox"/> Deburring Tool Replacement Blades
<input type="checkbox"/> India Stone
<input type="checkbox"/> Tape Measure, 1/2"
<input type="checkbox"/> Parallel Set
<input type="checkbox"/> Test Indicator, .0005"
<input type="checkbox"/> Holder, Test Indicator
<input type="checkbox"/> Drill Set, 115 pc
<input type="checkbox"/> Layout Fluid
<input type="checkbox"/> Diamond Dresser Insert |
|---|---|--|

Approx Total: \$2,075

Tools Required Before Beginning Second Term:

- | | | |
|---|---|--|
| <input type="checkbox"/> Depth Micrometer
<input type="checkbox"/> Arkansas Stone
<input type="checkbox"/> Test Indicator, .0001" | <input type="checkbox"/> Gage Set, Telescoping
<input type="checkbox"/> Gage Set, Small Hole
<input type="checkbox"/> Hammer, Ball Peen | <input type="checkbox"/> Pin Punch Set |
|---|---|--|

Approx. Total: \$850

The program can provide rolling tool cabinets for student use, however students are encouraged to purchase their own.

***** Space in the lab is limited.** Tool cabinets in excess of **30"W x 24"D** are not permitted for student use, and will be turned away. ***

SCC instructors can provide you with tool vendors so you can receive special SCC student discount pricing.

This list includes the basic tools a student will be required to have to successfully complete the program. The student should discuss with their program advisor the timeline for purchasing specific tools and suggested optional tools. The College does not recommend, nor endorse, any specific brand of tools. The student should give careful consideration when selecting tools they will use in their career. (10/1/2025)