

**ADVANCED MACHINE TOOL TECHNOLOGY DEPARTMENT**  
***Basic Tool Kit***

**Machinist Tools-**

**Required Tools for freshman:**

1. 6 inch Digital or Dial Caliper.
2. 6 inch Machinist Scale
3. Allen Wrench Sets, Metric and SAE
4. 0-1 inch Standard Micrometer, .0001+ resolution
5. Safety Glasses/Prescription safety glasses (if needed)

**Suggested Tools for Freshman and Seniors:**

1. 1-2 inch Standard Micrometer
2. Test Indicator with Mounting Attachments, (Stem and Clamp).\*
3. Dial Indicator, 1 inch range, with Mounting Hardware for Attachment to a Magnetic Base.
4. Magnetic Base, (best purchased with a fine adjustment screw).
5. Basic Protractor
6. Combination Square Set.\*
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**Miscellaneous Tools-**

- Edge Finder
- Pocket Scribe
- Dead Blow Hammer
- 10 inch Adjustable Wrench\*
- Combination Wrench Set, 3/8 inch to 1 inch.\*
- Combination Slip Joint Pliers\*
- Ball Peen Hammer\*
- Assorted Screws - 2.94 inch Hex 24 ..94 inch
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