



FORT HAYS TECH ***NORTH CENTRAL***

Automotive Technology Hays Campus 2026-2027

The following are the required tools for this program. All tools are to be of the finest quality. Tools will be inspected prior to being used in the department. The department reserves the right to refuse the use of worn or defective tools or tools which do not conform to the specifications of this list and the department chairperson.

Required Tools and Equipment:

| Quantity | Tool Item Name |
|----------|---|
| 1 | 1/4" Dr. Set containing: Ratchet-Universal-2"-4"-6" |
| 1 | Extensions-6pt. Sockets 3/16"-9/16" + 4mm-15mm Shallow & Deep |
| 1 | 1/4" Dr. Driver Handle |
| 1 | 3/8" Dr. Set Containing: Ratchet-Universal-1"-3"-6"-11" |
| 1 | Extensions-6pt. Sockets 1/4"-7/8" + 8mm-19mm Shallow & Deep |
| 1 | 3/8" Dr. and 1/4" Dr. Torx Set (T8-T55) |
| 1 | 3/8" Dr. Braker Bar |
| 1 | 3/8" Dr. Spark plug Socket 13/16 |
| 1 | 3/8" Dr. Spark plug Socket 5/8" |
| 1 | of each 1/2" - 3/8" Adapter |
| 1 | 3/8" - 1/2" Adapter |
| 1 | 3/8" - 1/4" Adapter |
| 1 set | Set 1/2" Dr. Set containing: Ratchet-Breaker Bar-6" & 10" Extensions-6pt Sockets 3/8" - 1-1/8" |
| 1 set | Set Combination Wrench Set (5/16-1") or (1/4-1") |
| 1 set | Set 15 Piece S.A.E. Hex Wrench Set (.028-3/8") |
| 1 set | Set 5 Piece Double End Flare Nut Wrench Set (1/4" X 5/16" - 3/4" X 13/16") |
| 1 | 12" Adjustable Wrench |
| 1 | of each Metric Combination Wrenches (7mm-19mm) or (7-21mm) |
| 1 set | Set 10 Piece Metric Hex Wrench Set (2mm-12mm) |
| 1 set | Set 8 Piece Combination Screwdriver Set (1"-2"-4"-6"-8" slotted + 2" #2 - 4" #2 - 3" #1 Phillips) |
| 1 | of each 8" Needle Nose, slip Joint, & Diagonal Pliers |
| 1 | 9" Adjustable Joint Pliers |
| 1 set | Set Vise Grip set of 4 (1 1/4 in, 1 5/8 in, 1 7/8 in, 2 1/4 in Capacity) |
| 1 | Convertible Snap Ring Retaining Pliers |



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| 1 | 16 oz. Ball Peen Hammer |
| 1 | 16 oz. Plastic Tip Hammer |
| 1 | 2 lb. Hammer |
| 1 set | Set Punch & Chisel Set: 3/16" point Center Punch - 3/32" - 5/32" - 3/16" |
| 1 | Pin & Starter Punches - 1/2" & 5/8" Chisel |
| 1 | flashlight |
| 1 | tape measure |
| 1 | Carbon Scraper 7/8" Blade |
| 1 | inspection mirror |
| 1 | Mag Pick-Up Tool |
| 1 | 16" Rolling Head Pry Bar |
| 1 set | Set 4 Piece Mini Pick Set |
| 1 | Feeler Gauge - 25 blades (.0015-.025) S.A.E. MM |
| 1 | Wire spark plug gapper |
| 1 | Putty Knife Stiff Blade (1 1/2") |
| 1 | 6 - 12 Volt Test Light |
| 1 | Small Stainless Steel Wire Brush (Toothbrush) |
| 1 set | 4 pcs. Battery Service Set. Battery Plier - Side Terminal cleaner - Terminal cleaner - Gm |
| | Terminal Wrench |
| 1 | of each 3/8" Dr. Universal Sockets (10mm-18mm) |
| 1 set | Set 5 pcs Brake tool set (brake spring plyers, hold down removal tool, adj spoon, bleeder |
| | wrench, caliper compressor tool) |
| 1 | dual Caliper compression tool |
| 1 | of each 1/2 " Dr. Deep sockets 10 - 24mm & 7/16 - 1" |
| 1 | 110V Fluorescent Drop Light 25' |
| 1 | 3/8" Dr. Speeder |
| 1 | 3/8" Dr. Extension 24" |
| 1 | 3/8" Dr. Extension 36" |
| 1 | Air Chuck |
| 1 | 1/2" Dr. Impact Universal |
| 1 | Wire Brush |
| 1 | creeper |
| 1 | Wire Crimper/Stripper/Cutter (AWG 10 - 22) |
| 1 set | Set 5 Piece Metric Flare Nut Wrench Set |
| 1 | Safety Glasses (Clear Lens) 2 Pair |
| 1 | Blow Gun rubber tipped |
| 1 | 1/2" Dr. Long Handle Ratchet |



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|-------|--|
| 1 | #4 Phillips Screwdriver 6" |
| 1 | #3 Phillips Screwdriver 6" |
| 1 | 3/8" Click type torque wrench 5 - 75 Ft. Lbs |
| 1 | Tire Gauge 20 - 100 psi |
| 1 | 4 pcs. Pry Bar set with Handles |
| 1 | Terminal Tool Set weatherpack release |
| 1 set | Deep Impact Sockets Standard 1/2 Drive 7/16" To 1" |
| 1 | 21 mm Combination wrench |
| 1 | 6" Rule |
| 1 | oil can |
| 1 | 0-1" Mic |
| 1 | rubber hammer |
| 1 | dead blow hammer |
| 1 | Spark Tester |
| 1 | Spark Plug Wire Plier |
| 1 | hacksaw |
| 1 set | metric crow foot |
| 1 set | E torx E-4 thru e 18 |
| 1 set | files- coarse/fine/half round/round 6 " and 12" |
| 1 | hose clamp plier |
| 1 set | flat blade screwdrivers |
| 1 | brass drift punch |
| 1 | tool box |
| | |
| 1 | PC Laptop Computer (no Chromebook, MacBook, or iPad) |

Vendor Information:

Tools can be purchased from the vendor of your choice.

Estimated Tool Costs:

Tools can range from \$5,000-\$7,500.

Contact:

Department Chair, Richard Cox
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