



FORT HAYS TECH ***NORTH CENTRAL***

Automotive Technology Hays Campus 2025-2026

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	Lap Top

Vendor Information:

Tools can be purchased from the vendor of your choice.

Estimated Tool Costs:

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

Contact:

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