



Automotive Technician Certificate Tool List

"O" = optional

Tool Box

Lower rolling cabinet ONLY, with 4 drawer minimum

Dimensions SHOULD NOT EXCEED 26W x 17D x 32H

Pliers (set)

- Pliers 8" combination
- Pliers 6" needle nose
- Pliers 7" diagonal cutters
- Pliers 12" Channel lock (Slip Joint)
- Locking Jaw Pliers 7" (Curved Jaw)/Vise Grip

Screwdrivers

- Screwdrivers, 5 piece, standard slotted.
- Screwdriver, 4 piece, Phillips
- Screwdriver Torx Tipped Set

Wrenches

- Adjustable wrench. 12"
- Wrench set combination, 8 mm-24 mm sizes
- Wrench set combination 3/8" – 1.0" sizes

Ratchets & Socket Sets

- 1/4", 3/8", 1/2" Drive Ratchets
- Drive adapter set and universal joints
- Hex key set, 11 piece, 2.0 mm – 12mm
- Hex key set, 13 piece, .050 – 3/8
- Socket set, 1/2" drive, shallow sockets 6 point
- Socket set, 3/8" drive, 3/8 -7/8 shallow and deep sockets, 6 point
- Socket set, 3/8" Drive 8mm-19mm, 6 point
- Socket set, 1/4 drive, Standard shallow and deep sockets, 6 point
- Socket set, 1/4 drive, Metric shallow and deep sockets, 6 point
- Torx Bit Set T10 - T55
- 3/8 Drive 13/16 spark plug socket
- 3/8 Drive 5/8 spark plug socket
- 3/8 Drive 21 mm spark plug socket

Drivers and Extensions

- 1/4 " Drive Extensions 2" & 6"
- 3/8 " Drive Extensions 2" & 6"
- 1/2 " Drive Extensions 5" & 10"
- 1/4 " Drive handle
- Impact gun and sockets

Punch / Chisels

- Punch and chisel set
- Brass Drift 3/4" x 8' Long
- Pick set

Hammers

- Hammer, ball peen, 16oz.
- Hammer, ball peen, 24oz.
- Hammer, dead blow, 16oz.

Pry Bar Set

- 8" With Plastic Handle
- 12" With Plastic Handle
- 18" With Plastic Handle
- 24" With Plastic Handle
- 16" Heel Head / Alignment Bar

Misc. Tooling

- Scraper, Stiff Blade 1 1/2 " wide
- 12 volt test light (Non Powered)
- Magnetic Pick up Tool, Telescoping
- Telescoping Mechanics Mirror
- Small Flashlight (LED)
- Air Blow Gun, restricted
- "M" Style Air Male Coupler
- 12" flexible stainless steel ruler
- Steel tape measure, 25 ft.
- Flat feeler gauge, 25 blade, 0.0015" – 0.035"
- Electrical wire crimpers
- Tire Pressure Gauge 5psi to 50 psi
- Tire Chuck for inflating tires
- Valve core remover
- Set of files
- Vernier Caliper 0" to 6"
- Plastic Clip Board



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DVOM MultiMeter with 10 Amps

Amprobe 33XR-A Meter Available in the RRC Book Store

Mandatory Safety Equipment and Clothing

Coveralls	Regular Navy Blue coveralls Available in the RRC Book Store	Required
Footwear	Must be CSA Approved Type 1 Must be minimum 6 " high top leather steel / composite	Required
Safety Eyewear	Must be CSA Approved Clear Lenses only	Required
Hearing Protection	Must be CSA Approved Box of Disposable Earplugs or Ear Muffs with 28-32 NNR Rating	Required when noisy in the shop
Hand Protection	Chemical Resistant Natural Rubber Gloves (Green in Colour) Box of Nitrile disposable gloves (Box of 50) Machnix Gloves (Optional for shop work)	Optional Optional Optional

Textbooks

CDX: Fundamentals of Automotive Technology, 2nd Ed Author: Kirk VanGelder Publisher: Jones & Bartlett Learning (bundled with Student Workbook + 1 year online access)	Required
Dictionary of Automotive Technology	Optional
Calculator (Sharp EL531XGB ?)	Required
Math for the Automotive Trade	Required

Please be aware that at any time; Red River College will not be responsible for any missing or stolen tools in whole or in part during the scholastic year. Insurance for tool coverage is the responsibility of the students.