# Automotive Technology t 2025-2026 Tool List

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| **Quantity** | **ITEM** |
| **1 each** | **Roll Cabinet Tool Box with lock. Min. size 6 drawer or a top/bottom combination – 15,000 Cubic inch ENCLOSED MINIMUM! 1,300 SQ. IN maximum footprint! :MUST include Socket and Wrench Tool Box Organizers!\*** |
| **1 set** | **Combination wrenches / open-box (1/4” to 1”)** |
| **1 set** | **Metric combination wrenches (~6mm to 20mm)** |
| **1 set** | **Metric Flair Nut Wrench Set (~10mm to 20mm)** |
| **1 set** | **1/4" drive ratchet, universal joint, and 2 or more extensions** |
| **1 set** | **3/8"" drive ratchet, universal joint, 3", 6", 12" extensions** |
| **1 set** | **1/2" drive ratchet, universal joint, and 2 extensions.** |
| **1 each** | **1/2 " drive breaker bar (24" minimum)** |
| **1 set** | **Six-point 1/4” drive metric sockets (5mm to 12mm)** |
| **1 set** | **Six-point 3/8” drive metric sockets (10mm to 19mm)** |
| **1 set** | **Six-point 1/2" drive metrics sockets (17mm through 24mm - ALL!)** |
| **1 each** | **Brake Lining Thickness Gauge - (Gearwrench #3962 equivalent)** |
| **1 each** | **10/12” Crescent wrench** |
| **1 set** | **Metric allen wrench** |
| **1 set** | **Magnetic pick-up tool** |
| **1 each** | **Tape measure - 16-25'** |
| **1 each** | **6-12” steel ruler (metric and fractional scales)** |
| **1 each** | **Tire Pressure Gauge** |
| **1 each** | **Air chuck (for inflating tires) With type "T" male quick coupler** |
| **1 each** | **Tread Depth Gauge** |
| **1 each** | **Feeler gauges** |
| **1 each** | **Inspection mirror (2” or larger)** |
| **1 each** | **Mini-Mag type or small LED flashlight** |
| **1 each** | **Seal Pick Set with handle - 4 picks (straight, 90, 45, hook)** |
| **1 each** | **Battery Terminal Cleaner (Tapered Brush Type)** |
| **1 each** | **12-volt test light (incandescent type, NOT LED type)** |
| **1 each** | **Rubber tipped blow gun With type "T" male quick coupler** |
| **1 each** | **Tire Valve Core Tool - (Lisle 15190 equivalent)** |
| **1 set** | **Screwdrivers - Standard & Phillips Head, 4 inch length + “Stubby”. MUST be for mechanical use – NOT for wood screws!** |
| **1 set** | **Punches (~1/8,1/4, 3/8, 1/2 - starter and pin type)** |
| **1 each** | **Chisel set (~1/4, 3/8, 1/2, 3/4 - 4 different sizes)** |
| **1 each** | **Center punch** |
| **1 set** | **Pinch Pry bars with square shank and plastic handle - 12 &18/24"** |
| **1 each** | **Ball peen hammer (1 pound)** |
| **1 each** | **Ball peen hammer (~2 pound)** |
| **1 each** | **Dead Blow hammer (~1 1/2 pound)** |
| **1 each** | **Diagonal cutting pliers** |
| **1 each** | **Pliers (Slip-Joint type)** |
| **1 each** | **Needle nose pliers** |
| **1 each** | **Channel lock pliers - small (10”) and large (15”-17”)** |
| **1 each** | **Vice Grip type pliers (small) with "Pipe Grip" jaws** |
| **1 each** | **Vice Grip type pliers (large) with "Pipe Grip" jaws** |
| **2 each** | **Type "T male Quick Coupler with 1/4 male NPT threads** |
| **1 each** | **Wire stripper / crimper pliers** |
| **1 each** | **Mechanics Gasket scraper Metal (not a putty knife)** |
| **1 each** | **Mechanics Gasket scraper set Plastic (not a putty knife)** |
| **1 each** | **Automotive Stethoscope - Single center tube only! (Lisle #52750 Kit equivalent)** |
| **1 each** | **Spark plug sockets 5/8” and 13/16”** |
| **1 set** | **3/8 Drive Torx Drive Sockets - Male, T10 thru T60** |
| **1 set** | **3/8 Drive Torx Drive Sockets - Female, E4 thru E24** |

## MUST HAVE FOR THE FIRST/EVERY DAY OF LABS

|  |  |
| --- | --- |
| **Quantity** | **ITEM** |
| **1 pair** | **Leather work shoes or boots** |
| **1 pair** | **Safety glasses (ANSI approved)** |
| **1 pair** | **Mechanic gloves** |

## 2nd YEAR MANDATORY (OPTIONAL 1ST YEAR TOOLS)

|  |  |
| --- | --- |
| Quantity | ITEM |
| 1 each | \*\* 10 MEG/OHM Digital Multimeter |
| 1 each | 3/8 drive, 10-100 #/ft Torque Wrench |
| 1 each | 1/2 in. drive, 50-250 #/ft Torque Wrench |
| 1 each | 3/8” air ratchet |
| 1 each | 1/2” air gun |
| 1 each | \*\* OBDII - Code Reader |
| 1 each | Spark Tester - (Lisle #50850 equivalent) |
| 1 set | Six point ½” drive Deep Impact sockets (9/16” thru 1 ¼”) |
| 1 set | Six point ½” drive Deep Impact metric sockets (17 thru 24) |

\*\*See Instructor for specifications

APPROXIMATE COST OF TOOLS / SUPPLIES (NOTE: Does not include cost of textbooks)

**$2,500 - $3,000**  
(Prices subject to change based on price quotes received from the vendors)

**Link for Finding Textbooks & Bookstore Cost**  
[**https://nicbookstore.com**](https://nicbookstore.com/)

Logo: North Idaho College  
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