# Diesel Technology t 2025-2026 Tool List

## General Tools/Supplies are required for 2nd Year,Optional for 1st Year but highly recommended.Tools are supplied for 1st Year students due to limited storage space.

|  |  |
| --- | --- |
| **Quantity** | **ITEM** |
| 1 each | Locking tool box (roller cabinet preferred) |
| 2 each | Ball peen hammer (16‑28 oz.) |
| 1 each | Plastic soft‑tip hammer (12‑20 oz.) |
| 1 set | Screwdrivers (standard and Phillips) |
| 1 set | Assorted punches |
| 1 set | Assorted chisels |
| 1 set | Allen/torx wrenches (nut drivers optional) |
| 1 set | Combination wrenches (std 3/8” – 1 1/4 ”) |
| 1 set | Metric Wrenches (6mm – 23mm) |
| 3 each | Adjustable wrenches (8”, 10”, 12”) |
| 2 each | Pipe wrenches (12”, 18”) |
| 1 each | Steel ruler (6”, 1/64 increments) |
| 3 each | Files (10”‑12”, flat or mill, half round, round) |
| 1 each | Hacksaw (24T, 32T blades) |
| 1 set | Feeler gauge (optional taper gauge) |
| 1 each | Roll head bar (or pry bar) |
| 1 set | Socket wrench set, std/mm, 1/4” drive (with ratchet) |
| 1 set | Socket wrench set, std/mm, 3/8” drive (with ratchet) |
| 1 set | Socket wrench set, std/mm, 1/2” drive (with ratchet) |
| 1 set | Socket wrench set, std/mm, 3/4” drive (with ratchet) |
| 1 pair | Long‑nose pliers (6”) |
| 1 pair | Slip‑joint pliers (8”) |
| 1 pair | Curved‑joint pliers (10”) |
| 2 pair | Vice grip pliers (10”) |
| 1 set | Retaining/"Snap Ring" pliers (internal, external) |
| 1 set | Diagonal cutters |
| 1 each | Tape measure |
| 1 each | Gasket scraper |
| 1 each | Dial caliper (6”) |
| 1 each | 12 volt test light |
| 1 each | Inspection mirror |
| 1 each | Wire stripper |
| 1 pair | coveralls |
| 1 each | 1/2” Impact Gun |
| 1 each | Impact Sockets (std/mm) |
| 1 each | 1/4" & 1 1/4" Angle Head Hydraulic Wrenches |
| 1 each | Multi Meter |

## Welding Supplies ‑ Needed 1st Semester of 1st Year

## (See Program Guidelines) Quantity ITEM

|  |  |
| --- | --- |
| **Quantity** | **ITEM** |
| **1** each | Arc hood |
| **1** pair | Cutting goggles |
| **1** each | Leather jacket (or sleeves/apron) |
| **1** pair | Leather gloves |
| **1** each | Striker |
| **1** each | Chipping hammer |
| **1** each | Wire brush (extra stainless) |
| **1** each | Tip cleaners |
| **1** each | Welder’s cap |
| **1** each | Soapstone holder |

## MUST HAVES FOR FIRST DAY OF FALL SEMESTER

|  |  |
| --- | --- |
| **Quantity** | **ITEM** |
| 1 pair | Safety glasses |
| 1 pair | Leather boots |
| 1 each | Notebook |
|  | Pens/pencils |



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

**$1,800 - $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/)

***NOTE: It is recommended that students not purchase tools /equipment until after classes have started and specific tool / equipment requirements have been discussed in class.***

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