# HVAC / R t 2025-2026 Tool List

## REQUIRED TOOLS / EQUIPMENT FIRST SEMESTER

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| **Quantity** | **ITEM** |
| **1 each** | **0-200 thermometer (pocket type)** |
| **1 each** | **Measuring tape, 25 ft. minimum** |
| **1 each** | **16 ounce claw hammer** |
| **1 each** | **Combo Multi-clamp meter (FieldPiece SC440)** |
| **1 each** | **Wire cutter / stripper - Klien** |
| **1 each** | **Electrician tape** |
| **1 each** | **1/4, 5/16, 3/8" magnetic hex driver bits** |
| **1 each** | **Dual Pressure manometer (Fieldpiece SDMN6)** |
| **1 each** | **Cordless drill & impact drill** |
| **1 each** | **8", 10", & 12" water pump pliers** |
| **1 each** | **6", 8" 10" & 12" adjustable wrenches** |
| **1 each** | **9" linesman pliers** |
| **1 each** | **Type K thermocouple thermometer** |
| **1 each** | **1/4 inch nut driver - magnetic tip extended reach** |
| **1 each** | **5/16 inch nut driver - magnetic tip extended reach** |
| **1 each** | **7-9 piece Ratcheting wrenches 3/8" - 3/4"** |
| **1 each** | **SAE & Metric allen wrenches** |
| **1 each** | **7-inch diagonal cut pliers** |
| **1 each** | **8-inch needle nose pliers** |
| **1 each** | **Inspection mirror** |
| **1 each** | **LED Flashlight and LED Headlamp** |
| **1 each** | **Tool box or tool bag** |
| **1 each** | **Leather gloves** |
| **1 each** | **Safety glasses** |
| **1 each** | **Handheld drywall saw** |
| **1 each** | **Magnetic Torpedo level** |
| **1 each** | **Klein 14" Screwdriver (ex. Klein 32304)** |
| **1 each** | **Klein Screwdriver set (ex. Klein 85076 Insulated)** |
| **1 each** | **Basic drill bit set and drill/separate bit tip set** |
| **1 each** | **Control Screwdiver with mutiple tips (ex. Klein 32581)** |

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| **APPROXIMATE COST OF 1ST SEMESTER = $1,250.00** |

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| **Prices subject to change based on price quotes received from vendors.** |

## REQUIRED TOOLS / EQUIPMENT

## SECOND SEMESTER

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| **Quantity** | **ITEM** |
| **1 each** | **Wire brush** |
| **2 each** | **Pipe wrench (One 18" and one 24")** |
| **1 each** | **Hacksaw 12"** |
| **1 each** | **Hacksaw blades (5 pack)** |
| **1 each** | **Valve core remover with ball valve** |
| **2 each** | **Refrigeration service ratchet (small & large)** |
| **1 each** | **Bar folder 12" and 24"** |
| **1 each** | **Tin offset Snips (right-hand)** |
| **1 each** | **Tin offset Snips (left-hand)** |
| **1 each** | **Tin offset Snips (straight)** |
| **1 each** | **Sheet Metal Hammer** |
| **1 each** | **Sheet Metal V Notcher** |
| **1 each** | **Scratch awl** |
| **1 each** | **Sheet Metal Handbrake** |
| **1 each** | **Manifold gauge set with 4 valves w/4 - 60" hoses** |
| **3 each** | **Low loss fittings for manifold hoses** |
| **1 each** | **Stud finder for metal and wood** |
| **1 each** | **Flaring and swaging tool kit (Yellow jacket)** |
| **1 each** | **Torch Tip cleaners (set of 12)** |
| **1 each** | **Tubing cutter 1/8 - 1 1/4"** |
| **1 each** | **Tubing cutter close quarter (imp)** |
| **1 each** | **Deburring tool** |
| **1 each** | **Handheld tube bender 3/16" - 3/8"** |

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| **APPROXIMATE COST OF 2ND SEMESTER = $900.00** |

## APPROXIMATE TOTAL COST OF TOOLS/SUPPLIES

**(NOTE: Does not include the cost of textbooks)**

**$2,150.00**

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

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