Wind Power Technology Program Tool/Equipment List

Wayne Kilcollins, Instructor

Tool List -   Estimated Cost: $1100

The following is a list of the most commonly used tools that each student will be required to purchase. Tools should be bought within the first weeks of classes.

P/N	Tool Description	Suggested Supplier
	Freshman Electronics Tool Kit	NMCC Bookstore
	Nexus Linesman Non-Vented Climbing Helmet, MSA	Amazon
	Safety Eyewear ANSI Approved	NMCC Bookstore
	Scientific Calculator (TI-36x Pro)	NMCC Bookstore
44-916	Safety Lockout Padlock (Red)	Ideal
44-833	Lockout Tag (5 tags minimum)	Ideal
	Safety shoe ANSI Approved	
	Mechanics Gloves (good for climbing)	Lowes
61-360	Digital Meter 1,000V/10A: **CAT III 600V minimum**	Ideal
61-063	**Optional:** AC-Voltage Detection tool; **CAT IV 1000V**	Ideal
61-565	**Optional:** Magnetic Strap from DVM	Ideal
35-297	Screwdriver Set; 5 Piece	Ideal
35-146	SAE and Metric Allen Hex Key Sets	Ideal
	Dial or Digital 6" Caliper	Lowes
	Machinist Scale; steel, 6"	Grainger
35-5012	9-1/4" Linesman Pliers	Ideal
45-615	Wire Stripper	Ideal
45-621	**Optional:** Romex Wire Stripper (REFLEX T-Stripper)	Ideal
45-025	Lil' Ripper Stripper	Ideal
35-020	8" Adjustable Wrench	Ideal
	SAE 10 pc. Combination Wrench Set	Gearwrench
36-418	16" Large Mouth Bag Tool Carrier	Ideal

*May use equivalent product or bring tools from home. You do not need to purchase new tools. If you have any questions, please contact me at 768-2842 or nwkilcol@nmcc.edu.
Laptop or notebook computer with; writing, spreadsheet, and presentation software PC or Mac
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Laptop Computer Minimum System Requirements:
Estimated costs of the laptop computer will range from $500-$1,000 depending on the model and features preferred by the student.

Software:
- Licensed Windows 10 or 11 operating system
- Microsoft Office 365 or 2019 Professional (Word, Excel, Access, & PowerPoint)
  - Available for free download through Office 365 account (Matriculating students only)
- Licensed and up-to-date antivirus

Hardware:

Minimum Requirements	Recommended Requirements
Intel i3, Ryzen3 processor or faster	Intel i7 8th Generation processor or faster
4GB or RAM	8GB or RAM
256GB Hard Drive	500GB SSD
Wireless networking	Wireless networking
Battery with at least 1.5 hours of runtime	Battery with at least 3.0+ hours of runtime
Web Camera, Mic, and Speakers (Video Conferencing)	Web Camera, Mic, and Speakers (Video Conferencing)

Optional:
- Wireless Mouse
- USB Flash Drive (for moving files)
- DVD Drive

We do not recommend:
- **Chrome books**
- **Mac or iPads**
- **Windows S mode laptops**