

Mechanical Design Engineering Technology ♦ 2024-2025 Tool List

REQUIRED SUPPLIES

Quantity	ITEM	
1	each	.5mm or .7 mm Automatic Pencil
1	each	Architect 1/16 inch scale, Engineer's 1/10 inch scale and Metric Scale
1	each	Ruler Combo Set: (Protractor 30°- 60° Triangle 45° Triangle)
2	each	Portable USB 3.0 Flash Drive with minimum 32 GB storage
1	each	6" or 8" Digital Vernier Caliper
1	each	Scientific Calculator
1	each	Pad of green engineer's computational paper
1	each	Computer (See Home Computer list)

APPROXIMATE TOTAL COST OF SUPPLIES

(Does not include the cost of textbooks)

\$1500-2200

(Prices subject to change based on price quotes received from the vendors)

Link to Finding Textbooks & Bookstore Cost

www.bookstore.nic.edu

HOME COMPUTER

The computer should meet the minimum system requirements recommended by the CAD software manufacturer:

<https://www.solidworks.com/sw/support/SystemRequirements.html>

- o 32 Gb of RAM (processor speed)
- o SSD drive with minimum 512 Gb Hard Drive storage with a processor of 3.3 GHz or higher
- o Open GL Graphics Card to be compatible with SolidWorks, mouse, monitor
- o Software: latest version of Excel in MS Office for SolidWorks Education version 2022
- o Operating System: Windows 11

NOTE: Please do not purchase any supplies until after the first day of classes.



North Idaho College

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