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#  Mechanical Design Engineering Technology t 2025-2026 Tool List

## REQUIRED SUPPLIES

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| **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** | **Computer (See Home Computer list)** |

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| APPROXIMATE TOTAL COST OF SUPPLIES**(Does not include the cost of textbooks)****$1,500 - $2,200**(Prices subject to change based on price quotes received from vendors) |

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

## HOME COMPUTER

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| "The computer should meet the minimum system requirements recommended by the CAD software manufacturer: <https://www.solidworks.com/sw/support/> SystemRequirements.html * 32 Gb of RAM (processor speed)
* SSD drive with minimum 512 Gb Hard Drive storage with a processor of 3.3 GHz or higher
* Open GL Graphics Card to be compatible with SolidWorks, mouse, monitor
* Software: latest version of Excel in MS Office for SolidWorks Education, Version 2022
* Operating System: Windows 11
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 ***NOTE: Please do not purchase any supplies until after the first day of classes.***


**CAREER AND TECHNICAL EDUCATION** ◆ **TRADES AND INDUSTRY DIVISION**

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