



Engineering Design Technology

EDT Students are **required** to purchase a laptop to complete assignments both in and out of the classroom. Failure to meet the minimum requirements will result in the inability to successfully complete coursework and, therefore, will result in the inability to successfully complete a diploma.

For all technical questions, please visit <https://nait.ca/its>

Minimum Laptop Requirements:	
Operating System	Windows 10 or newer, 64-bit versions only. macOS is not supported
Processor	Intel 10th gen or newer, Core i7 or greater
RAM	16 GB or more recommended
Graphics Hardware	Minimum GeForce RTX 2050 or higher. For best performance, RTX 3060 or higher is recommended
Hard Drive	500GB SSD Hard drive or larger
Network	Wi-Fi 5 (802.11ac) or Wi-Fi 6 (802.11ax)
Camera	720p webcam with microphone
Other Hardware Requirements	15.6 inch display with a resolution of 1920 x 1080 or higher Wireless mouse

Additional Requirements:

- Method for Backup Storage of Files - 500GB or larger USB external hard drive or cloud storage such as OneDrive. (Microsoft® Office 365® and OneDrive® is free for all NAIT students)

Notes from our Techs:

- Please use only SSD or M.2 storage technology for your boot/primary device, as using a different storage technology will diminish the performance of your laptop.
- Windows Defender is the recommended anti-virus software. Installing some 3rd party anti-virus and anti-malware packages might interfere with some of the applications you use for our program.
- The software used by this program do not run on Mac OS

Software Requirements:

Software requirements will be discussed in class – DO NOT PURCHASE ANY OF THESE IN ADVANCE.

- Microsoft® Office 365® and OneDrive® - provided to all NAIT students for free and downloads are available through the NAIT Portal

Notes:

- Students are responsible for the service and repair of their own computers
- NAIT takes no responsibility for hardware or software compliance

1. Which brand or manufacturer of computers would you recommend?

Over the years, students have purchased many different brands, and there seems to be no noticeable difference in reliability. Manufacturers use the same hardware, so if the brand you purchased meets the minimum specifications, it should be sufficient.

2. How much should I spend?

Budget \$1500.00 - \$2500.00. The price will vary depending on the brand and hardware options.

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