



Students are required to purchase a laptop to complete assignments in and out of the classroom. Failure to meet the minimum requirements will result in the inability to successfully complete course work and therefore will result in the inability to successfully complete a diploma.

The laptop is required ON THE VERY FIRST DAY OF CLASSES in every semester.

The software used in our program is very graphics intense and requires a laptop with a dedicated graphics card. We find a gaming laptop with an Nvidia GeForce GTX 1660 6GB or Nvidia GeForce RTX 2060 6GB Graphics card works best with the software used in our program.

The following is a list of **minimum requirements**:

- CPU: Intel i7-9750H or i7-10750H
- RAM: 16GB
- Video: Dedicated Nvidia Geforce RTX2060 or GTX 1660 video card
- Storage: 512GB SSD or larger
- Screen: 15.6 inches
- Resolution: 1920x1080
- Input Device: **Wireless Mouse w/ scroll wheel**
- WiFi: 802.11ac spec
- Bluetooth
- HDMI output port
- USB ports: 2 x USB 3.0 regular size.
- Operating System: Windows 10 Home or Windows 10 Pro only. NO Windows 10 S

Additional Requirements:

- USB 16GB USB storage memory stick for file transfers
- 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 your performance of your laptop.
- Some applications have problems displaying properly with 4K screens and additional software patching will be required to resolve issues, prefer 1920x1080 resolution.
- Windows Defender is the recommended anti-virus software. The installation of some 3rd party anti-virus and anti-malware packages might interfere with some of the applications you use for our course.

Software Requirements (these 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, downloads are available through the NAIT Portal
- AutoCAD® software (student version) – provided for free, first day of AutoCAD® classes
- Revit® – provided for free, first day of Revit® classes – in 2nd semester
- Latest version of Adobe® Creative Cloud® (includes Photoshop®, Illustrator®, InDesign®, and Acrobat Pro®) (available at reduced monthly student pricing to be discussed in class) 2nd semester (for LANT), 3rd semester (for INDT/ARCT) (approx. cost \$360.00 CAD per year)
- SketchUp® Pro (starting 2nd semester) - available at student pricing to be discussed in class (Approx. \$65.00 CAD per year)
- Enscape Software – Free student trial version (2nd semester)

The use of **Apple® laptops (Macs®) Will Not be Accepted and is not supported.** The software used in the programs (and in industry) is native to the Windows® PC platform. Experience in previous semesters has shown that Apple® laptops running Windows® have had incompatibility issues with some of the software used in the programs.

Notes:

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

If you have any questions please contact:

sasttech@nait.ca