



Students are required to have laptop computers for the duration of their studies at NAIT. Extensive use of computers, in industry, has changed the way tasks are accomplished by technologists. This provides the students with the opportunity to learn widely used professional software.

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

The NAIT campus provides a wireless Internet environment for students to use. We use graphics intensive software applications that require well-configured computers. The following is a list of **minimum suggested hardware** and software configurations, followed by a list of the **recommended** (ideal) configurations:

	Minimum	Recommended
Graphics Card	Nvidia GeForce GTX 1060 6GB	Nvidia GeForce GTX 1070 8GB
Hard Drive	256GB SSD (Solid State Drive)	512GB SSD or 256GB SSD + HDD
RAM	16GB	16GB
CPU – Speeds listed are non-turbo	i5, 2.2GHz quad core or i7, 2.4GHz quad core	i5, 2.8GHz quad core or i7, 2.8GHz quad core
Screen Size	15.6"	15.6"
Other	Bluetooth, HDMI	Bluetooth, HDMI

Students also NEED to MAKE SURE their computer is running Windows 10 Home or Windows 10 Pro. NOT Windows 10S.

Additional Requirements:

- A 3-button mouse with scroll wheel is required** (“trackball” type not recommended)
- Method for Backup Storage of Files - 500GB or larger USB external hard drive. Should be the 2.5" variety, with no need for external power adapter
- 16 GB or larger USB mass storage memory stick – for file transfers

Graphic Software Requirements (these will be discussed in class) – DO NOT PURCHASE ANY OF THESE IN ADVANCE.

- ❑ Microsoft® Office 365® and OneDrive® - provided to all students for free, downloads are available through the students NAIT Portal
- ❑ AutoCAD® 2018 software (student version) – provided for free, first day of AutoCAD® classes
- ❑ Revit® 2018 – 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)
- ❑ SketchUp® Free – Web based (1st semester)
- ❑ SketchUp® 2018 Pro (starting 2nd semester) - available at student pricing to be discussed in class
- ❑ IRender® Software - provided for free in presentation classes - in 2nd semester
- ❑ Enscape Software – Student trial version (4th semester)

The use of **Apple® laptops (Macs®)** is **STRONGLY DISCOURAGED**. 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. **The instructor will be instructing based on the Windows® version of AutoCAD® and will not be able to provide support for the Mac® version of AutoCAD®. Much of the software used in the courses is only available for use under the Windows® operating system.**

Notes:

- Students are responsible for the service and repair of their own computers.
- NAIT takes no responsibility for hardware or software compliance.
- It is strongly recommended that students have up-to-date virus protection on their computer.
- Students **should not** leave their computers in their assigned lockers at any time.

If you have any questions please contact:

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