



## SUNY POLYTECHNIC INSTITUTE COLLEGE OF ENGINEERING

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Welcome to the SUNY Poly College of Engineering! To enhance the educational experience of our students so they can take full advantage of our new Center for Global Advanced Manufacturing, the faculty in the Engineering and Engineering Technology programs require that all of our new students purchase a laptop.

The laptops will provide our students with the mobility needed to work anywhere. They will also provide the faculty with more options for teaching students using the state-of-the-art equipment in the labs - the computers will be used for CAD drawing, data acquisition, writing, analysis, design, and presentation. The laptop specifications should provide students with a machine that is powerful enough to do their work through all four years of college and still be a good machine after they graduate.

When you purchase a laptop, we recommend it is one that features the specifications listed below but please note that if you purchase one that does not meet the minimum specifications, you may need to upgrade your laptop in the future.

Because this is an academic requirement, it is possible to receive financial aid to cover the cost of the laptop, primarily through additional loans. Please note that it will be important for you to save all receipts associated with the purchase of the laptop as this will be required information for the Financial Aid Office. Please consult with the Financial Aid Office, if you have any questions.

The **minimum** specifications for PC laptops are:

- Computer: PC (not an Apple or MAC)
- O/S: Windows 11
- Processor: Intel Core i7- H Series; Ryzen 7 / 9 H Series
- RAM: 32GB
- Solid State Hard Drive: 1 terabyte SSD
- Video/Graphics: NVIDIA RTX6000 with 48GB GDDRAM or equivalent
- USB: 3.0
- Warranty: 4 year
- Screen size: 14"

Note, Macintosh computers are not recommended as they have been shown to be incompatible for some of the software used in our educational programs.

If you have any questions about the laptop, please feel free to contact me at [mcarpenter@sunypoly.edu](mailto:mcarpenter@sunypoly.edu). I look forward to seeing you on campus.

Sincerely,

A handwritten signature in black ink that reads "Michael A. Carpenter".

Michael A. Carpenter, Ph.D.  
Interim Dean, College of Engineering