



SUNY POLYTECHNIC INSTITUTE COLLEGE OF NANOSCALE SCIENCE + ENGINEERING

Welcome to the SUNY Poly College of Nanoscale Science and Engineering (CNSE), we are looking forward to working with you! Our curriculum centers on educating you in the state-of-the-art tools and techniques used by practicing engineers with a substantial portion of courses involving modeling and simulation software as an integral part of the engineering design process. In keeping with this, the faculty in the CNSE programs require that all new students purchase laptop computers.

The laptops will provide you with the mobility and flexibility needed to complete your course and research work. They will also provide the faculty more options for teaching students in both lecture and lab classes. The computers will be used for engineering design, CAD drawing, data acquisition, writing, data analysis, modeling and presentations. The college will provide license access for the software packages that are required. For your computer a good graphics card will be needed while a standard audio card that is included with the built-in components is all that is required. The minimum laptop specifications, highlighted below, will provide you with a machine which is powerful enough to do your work through all four years of college and still be a good machine after you graduate.

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:

- Processor: Intel Core i7-2600 (or comparable)
- RAM: 16GB
- Hard Drive: 500GB
- Video/Graphics: NVIDIA Quadro K600 with 1GB of DDR3 memory (or comparable)
- Audio Card: standard
- Warranty: 4 year
- Minimum Screen size: 14"

If you have any questions about the laptop specifications, please contact me at jmelendez@sunypoly.edu. I look forward to seeing you on campus.

Sincerely,

Juan Andres Melendez, Ph.D.

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Interim Dean, College of Nanoscale Science and Engineering