The following configurations for desktop and laptop computers were developed by the Office of College Computing for College of Engineering and Applied Science (CEAS). These are minimum configurations for general computing needs. All software applications that are used within the CEAS curriculum are available through the college computer labs. If the student chooses to purchase additional software (i.e. MATLAB, AutoCad, etc.), it is the student’s responsibility to ensure their hardware meets the software requirements.

Desktop Specifications:
- Intel® Dual core processor
- 2GB RAM
- Video card with 256 MB of video RAM
- 250GB (7200rpm) SATA hard drive
- DVD±RW
- Audio
- 10/100/1000 Network interface
- Front-side USB 2.0 ports
- 20” LCD Monitor
- OS: Windows 7 - 32 bit (note: if using Windows 7 – 64 bit OS, RAM should be upgraded to 4GB)

Laptop Specifications:
- Intel® Dual core processor
- 2GB RAM
- Intel® GMA 4500M Graphics
- 160GB (5400rpm) SATA hard drive
- DVD±RW
- Audio
- 10/100/1000 Network interface
- Wireless 802.11g/n
- USB 2.0 ports
- OS: Windows 7 - 32 bit (note: if using Windows 7 – 64 bit OS, RAM should be upgraded to 4GB)

Note: Due to the nature of how laptops are used, an extended warranty may be an option to consider.