Minimum AETB Student Laptop Computer Specifications:

- Processor: Intel Core i5 or equivalent
- Memory: 8 gigabytes
- Disk storage: 250 gigabyte hard disk drive (500 or larger is encouraged)
- Video: 1280 X 800 resolution Active Matrix (TFT) LCD with 256 MB dedicated video memory (1600 x 900 or higher is encouraged)
- Network Connectivity: 10/100/1000 Base T Ethernet and/or 802.11 g/n wireless
- Other External Ports: USB
- For new purchases, a 3 year on-site manufacturer's warranty is strongly recommended
- Required Operating System (64 bit): Microsoft Windows 7 Pro or higher

Apple Mac Disclaimer:
It is not recommended that AETB students use Apple Macintosh computers due to the incompatibility of some engineering software that is not available in Mac OS versions. However, some students already have Apple Macintosh computers or wish to purchase one. If you choose to use a Mac, it must meet the minimum specifications below and note that it will be more expensive than a Windows-only machine.

Support for Macs is limited on campus. Assistance will not be provided to students running a pirated, borrowed, or bootlegged copy of Windows. It is fairly easy to purchase a software bundle which includes both Parallels 11 and Windows 10. The technicians must be able to verify that the version being used is legally purchased. You should preserve your purchase receipt as well as you're your installation key to prove the legality of the software should any question arise. These receipts can be can scanned and maintained in your computer.

Apple Mac Minimum Hardware Requirements:

- MacBook Pro
- Intel Core 2 Duo, Core i3, Core i5, Core i7, Intel Core M or Xeon processor
- 16 Gb
- Minimum screen size of 13 in. (15 inches is probably better or access to an additional monitor)

Required Operating System (OS):

Mac OS X Mavericks (10.9.5) or later. For security reasons, we encourage students always run the latest version of the Operating System

Additional Required Software in Addition to Mac OS X

- Parallels Desktop 11 for Mac www.parallels.com
- Microsoft Windows 7 or higher

Some vendors such as Amazon do sell bundles of Parallels Desktop with a copy of Windows. Borrowed or pirated copies of Windows (or any software) are not permitted.

Although there are other dual-boot systems available (BootCamp and VMWare Fusion for example), our faculty have found that Parallels Desktop works best for the software we use and it is the only system that will be supported by the college.