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Personal Computer Hardware Specifications

Minimum Laptop System

Processor	Pentium III 600 Megahertz 256k cache
Memory	128 Megabytes (100MHz SDRAM
Video	8 Megabytes 128 bit 4X AGP Graphics
Hard Disk	10 Gigabytes (20 Gigabytes for ECECS students)
Floppy Disk	3 1/2" 1.44MB
CD-ROM	24X
Display	14" XGA TFT
Ethernet Network and Modem Access	Combo 10/100 Ethernet Card with V.90 56kbs Modem
Wireless Network Access	802.11b 11mbps integrated or PCMCIA card

Additional Hardware Required by Academic Program

The Department of Electrical & Computer Engineering and Computer Science requires ECECS students to own a portable computer with a minimum of 20 Gigabytes hard disk. This is required to support a "dual boot" operating system environment with both Windows 2000 and Linux. ECECS students should have Windows 2000 with service pack 1 installed on their portable. Assistance will be provided by the department to help students install a dual boot Linux environment.

Personal Computer Software Specifications

Minimum Software Configuration:

Operating System	Windows 2000 (SP1) + Linux for ECECS
PC Productivity Tools	Microsoft Office 2000 Pro + Star Office for ECECS
Network Access / Browser	Netscape V4.7 or MS Internet Explorer V5.0
E-mail Access (POP Server)	Eudora or MS Outlook Express
Virus Protection	McAfee or Norton Antivirus
PDF File Reader	Adobe Acrobat Reader 4.0

Additional Software Required by Academic Program

Pre-juniors Mechanical Engineering students are required to have the Student Edition of MATLAB installed on their portables for their pre-junior year.

The Department of Electrical & Computer Engineering and Computer Science requires ECECS students to have Star Office installed in the Linux partition of their portable computer. Star Office is available for download at no charge.

Note: Microsoft Office is required as part of the minimum portable system. An add-on cost of more than \$150 is usually required to purchase the license from the hardware vendor. This application is available at no charge to U.C. students through a contract between State of Ohio Universities and Microsoft. Students should purchase a portable computer without Microsoft Office. Students should obtain the media for Microsoft Office as described in information about U.C.'s Microsoft Software Contract <http://mscontract.uc.edu/> and install the software themselves.