



COLLEGE OF ALLIED HEALTH



2009-2010 COMPUTER REQUIREMENTS

Computer Requirements for Students Entering the College of Allied Health 2009-2010

All College of Allied Health students admitted for the academic year 2009-2010 shall possess a laptop computer for access to a wide variety of educational materials and resources.

1. Rationale for computer requirements
2. Recommended minimum specifications for any new purchase and required and optional software.
3. Recommendations peripheral devices.
4. Recommendations for selecting a vendor.

1. Rational for computer requirements

The trend in health care is more computer usage in daily practice and the trend in education is to require more computer and technology usage in instruction and in the classroom. The need for proficiency in the use of computers in research is well established. Demands of the clinician, educator and researcher brought about by the explosion in technology and information of the 1990's necessitates computer literacy to increase the personal and professional effectiveness of the College of Allied Health graduates. In fall 1999 semester, the College instituted a computer requirement upon admission. **Effective starting the fall 2007 semester, the College instituted a laptop computer requirement upon admission.**

For more information, see “How to Buy a Laptop” at:

<<http://www.pcworld.com/article/id,125647/article.html#>>

For Tablet PC info see: <http://www.motioncomputing.com/products/index.asp> or <http://www.microsoft.com/windowsxp/tablet/evaluation/default.aspx>.

2. Recommended peripheral devices.

Printer:

- Inkjet or Laser printer
- 12 PPM (pages per minute) black text/monochrome
- 100 sheet input, 25 sheet output

Surge protection and power strip:

- UL 1449 rating, 330-400v suppression, Protection LED indicator, telephone line surge protection

3. The following optional free software is recommended and may be downloaded:

[Internet Explorer: Latest versions](#) (Most OUHSC interactive web pages require IE).

[QuickTime Plugin](#)

[Flash/Shockwave Plugin](#)

[Adobe Acrobat Reader](#) (pdf version 7 or later)

[Real Player](#)

[Windows Media Player](#) (version 9 or later)

[Java 2 Standard Edition](#)



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4. Recommended *minimum* specifications for any *existing laptops* and *new laptop purchases*.

<u>Existing Laptop Computers</u>	<u>New Laptop Purchases</u>
<ul style="list-style-type: none"> ● Intel Pentium M, Mobile Pentium 4, Intel Celeron, Intel Core Duo, or AMD Mobile Athlon 64 or AMD Turion 64-ML ● 1.2 GHz processor or higher ● 1 GB system RAM (may require an upgrade) ● 40 GB Hard Drive or larger 	<ul style="list-style-type: none"> ■ Intel Pentium M, Mobile Pentium 4, Intel Celeron, Intel Core Duo, or AMD Mobile Athlon 64 or AMD Turion 64-ML ■ 1.66 GHz processor or higher ■ 2 GB system RAM ■ 80 GB Hard Drive or larger
<u>All Laptop Computer HARDWARE</u>	
<ul style="list-style-type: none"> ● 24x CD-R, RW (consider rewritable DVD drive) ● TFT Active Matrix Color Display (14.1” diagonal) ● Resolution: 1024 x 768(XGA) and [1280 x 1024(SXGA) &/or 800 x 600(SVGA)] ● Integrated Stereo Speakers ● Minimum of 4 hours of active use battery mode (consider a spare battery) ● Integrated point device ● USB ports, minimum of 2 ports ● 10/100 Ethernet wired interface is required for campus network & Broadband/VPN connection ● Wireless network connectivity on-campus is available which requires an integrated internal or PCMCIA external card having communication capabilities of 802.11b/g protocols. ● <i>Only for students who need a dial-up modem:</i> 56K Data/Fax/Modem, 56K V.90 protocol ● Cable lock support and security cable ● Carrying case ● 3 Years Parts Warranty/1 year labor (or as available from manufacturer or as an extended warranty from vendor) 	
<p style="text-align: center;"><u>Existing Laptop SOFTWARE</u></p> <ul style="list-style-type: none"> ■ Use <i>Windows XP Professional Edition (Not XP Home Edition or MS Media Center)</i> as your PC operating system. ■ Your PC must be running an approved antivirus program. Downloadable antivirus software is available at http://it.ouhsc.edu/services/desktopmgmnt/antivirussoftware.asp. McAfee is free to OUHSC students. Version 8.0 ■ All “auto updates” (security patches and antivirus) must be set to occur daily while the PC is on and actively connected to the Internet. ■ If you are using a broadband Internet connection, you must protect your PC and the campus network by enabling the software firewall which comes with Windows XP. ■ You need to purchase and install MS Office 2003 (as Word, PowerPoint, and Excel are frequently used for student assignments and handouts). 	<p style="text-align: center;"><u>New Laptop SOFTWARE</u></p> <ul style="list-style-type: none"> ■ Use <i>Windows Vista Business or Ultimate (Not Home Basic or Premium Edition)</i> as your PC operating system. ■ Your PC must be running an approved antivirus program. Downloadable antivirus software is available at http://it.ouhsc.edu/services/desktopmgmnt/antivirussoftware.asp. McAfee is free to OUHSC students. Version 8.5 ■ All “auto updates” (security patches and antivirus) must be set to occur daily while the PC is on and actively connected to the Internet. ■ If you are using a broadband Internet connection, you must protect your PC and the campus network by enabling the software firewall which comes with Windows Vista. ■ You need to purchase and install MS Office 2003 or 2007 (as Word, PowerPoint, and Excel are frequently used for student assignments and handouts).



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5. Recommendations for selecting a vendor.

Computer prices will continue to drop as new faster components reach the market. The price of whatever you buy will likely drop within a month of your purchase. However, you need to get started somewhere, get your system setup, and become familiar with the software by early August 2009.

You need to be careful about what and where you purchase. We encourage you to stay with major brands from reputable vendors. If you are interested in obtaining educational pricing for computer hardware and/or software, please contact our campus IT Support Services at 405/271-8664 (ask for Jeff McCanlies) or you may inquire at the IT help desk at 405/271-2203. You might also consider making your initial purchase using a major credit card, if your policy provides a warranty extension at no additional cost.

Be particularly wary of auctions and vendors with no warranty provisions. Components that have been stolen or tampered with are more likely to be distributed in this manner. If a deal looks too good to be true, it is likely that there are hidden costs, invalid warranties, and/or poorly performing parts. Since you will be busy with college for the next two to three years, we don't want you to be distracted by an unreliable computer.

Monthly reviews are published in computer magazines such as PC World and also on their companion on-line websites (go to <http://www.pcworld.com> and follow the Reviews or Editor's Picks Link). As of March 2006 the top of the line PC used the Intel Pentium Duo, 3.2GHz processor.

For students who are awarded financial aid, \$2,500 has been built into the budget for the first year to cover computer hardware and software purchases. The money is divided and distributed into equal awards totaling \$1,250 for the fall and spring semesters. \$1,500 has been recommended for subsequent years for new purchases, upgrades and peripheral devices. Don't forget to purchase extra print cartridges, some reams of paper, and storage media (ie. CD-R or USB drive).

OUHSC has a dial-in modem pool with 56K V.90 modems. Therefore, at this time it is not necessary for you to subscribe with an Internet Service Provider. However, for fast Internet response, broadband services and equipment are available for an additional monthly fee through www.soonerconnect.net.

Additional instructions, account usernames, and passwords will be distributed prior to Orientation.