

Computer Specifications for 2011-2012

The following specifications will provide a student a computer that should continue to be useful after four years. These specifications are similar to those for the computers the college is purchasing. Please contact the IT&S Help Desk at 336-316-2525 if you have questions.

Guilford has a special program with Dell and Apple for additional discounts off their existing pricing structure. (It is important to note that Guilford College does not assume any responsibility for computers purchased through these special offers or discounts.) [Click here](#) to shop Dell online or [click here](#) to shop Apple .

Note that the recommended configurations are simply recommendations; many students are successful with computers that are between the minimum and recommended specifications. IT&S does also provide 24/7 lab facilities for students who choose not to bring a computer with them to campus. For more information about our labs, [click here](#).

2011-2012 Windows Desktop Systems

Minimum Four-Year Suggested Configuration

Windows Desktop System	Minimum	Recommended
Processor	Intel Pentium D 930 or AMD Athlon64x2 4200+	Intel Core 2 Duo E6300 1.86 GHz or AMD Athlon64 X2 4200+
Operating System	Microsoft Windows XP Professional or Windows Vista Home Premium, Business, or Ultimate, Windows 7 Home Premium, Professional, or Ultimate	Microsoft Windows XP Professional or Windows Vista Home Premium, Business, or Ultimate
Office Software	Microsoft Office 2007 Home and Student. Click here for more information on Office 2007.	Microsoft Office 2007 Home and Student. Click here for more information on Office 2007.
System Memory	1GB	2 GB
Graphics Memory	128 MB	256MB
Hard Drive	80 GB	250 GB
Optical Drive	16x DVD±RW/DL	16x DVD±RW/DL
Network Card	Built-in	Built-in

Monitor	17" LCD	17" LCD
Keyboard	Standard Windows Keyboard	Standard Windows Keyboard
Mouse	2 Button with scroll wheel	2 Button optical with scroll wheel
Antivirus Software	Sophos Antivirus provided by Guilford College	Sophos Antivirus provided by Guilford College
Other	3 or 4 year warranty	3 or 4 year warranty

2011-2012 Windows Laptop Systems

Minimum Four-Year Suggested Configuration

Windows Laptop System	Minimum	Recommended
Processor	Intel Core 2 Duo T5600 1.83 GHz or AMD Turion64 X2 TL-50	Intel Core 2 Duo T7200 2.0 GHz or AMD Turion 64 X2 TL-56
Operating System	Microsoft Windows XP Professional or Windows Vista Home Premium, Business, or Ultimate, Windows 7 Home Premium, Professional, or Ultimate	Microsoft Windows XP Professional or Windows Vista Home Premium, Business, or Ultimate
Monitor	15" LCD	15" LCD
Office Software	Microsoft Office 2007 Home and Student. Click here for more information on Office 2007.	Microsoft Office 2007 Home and Student. Click here for more information on Office 2007.
System Memory	1 GB	2 GB
Graphics Memory	128 MB	256 MB
Hard Drive	80 GB	120 GB
Optical Drive	DVD±RW/DL Drive	DVD±RW/DL Drive
3.5" Floppy Drive	Optional	Optional
Network Card	Built in with 802.11b/g wireless	Built in with 802.11b/g wireless
Keyboard	Built-in	Built-in
Mouse	Built-in	Built-in

Antivirus Software	Sophos Antivirus provided by Guilford College	Sophos Antivirus provided by Guilford College
Other	3 or 4 year warranty	3 or 4 year warranty

2011-2012 Apple Macintosh Desktop Systems

Minimum Four-Year Suggested Configuration

Macintosh Desktop System	Minimum (Apple Mac Mini)	Recommended (Apple 17" iMac)
Operating System	Mac OS 10.4.x	Mac OS 10.5.x (Leopard)
Processor	Intel Core Duo 1.83 GHz	Intel Core 2 Duo 2.16 GHz
System Memory	1 G B memory	2GB RAM
Graphics Memory	Shared with system memory	ATI Radeon X1600 graphics with 128MB
Hard Drive	80 GB	250 GB
Monitor	17" LCD (Purchase separately)	17" LCD (Built-in)
Optical Drive	Superdrive 8x (DVD+R DL/DVD±RW/CD-RW)	Superdrive 8x (DVD+R DL/DVD±RW/CD-RW)
Keyboard	Apple Wired Keyboard	Apple Wired Keyboard
Mouse	Apple Wired Mighty Mouse	Apple Wired Mighty Mouse
Network Card	Built-in	Built-in
Office Software	Office 2004 for Mac - Student and Teacher Edition	Office 2004 for Mac - Student and Teacher Edition
Antivirus	Sophos Antivirus provided by Guilford College	Sophos Antivirus provided by Guilford College
Other	AppleCare Protection Plan	AppleCare Protection Plan

2011-2012 Apple Laptop Systems

Minimum Four-Year Suggested Configuration

Macintosh Laptop System	Minimum (Apple MacBook)	Recommended (Apple MacBook)
Processor	Intel Core 2 Duo 1.83 GHz	Intel Core 2 Duo 2.16 GHz
System Memory	1 GB	2 GB
Graphics Memory	Shared with system memory	128 MB
Hard Drive	80 GB	120 GB
Operating	Mac OS 10.4.x	Mac OS 10.5.x (Leopard). Click here for

System		more information on Leopard.
Monitor	13.3" LCD (Built In)	15" LCD (Built-in)
Optical Drive	Superdrive 6x (DVD+R DL/DVD±RW/CD-RW)	Superdrive 6x (DVD+R DL/DVD±RW/CD-RW)
Network Card	Built-in/AirPort Extreme Wireless Card & Bluetooth	Built-in/AirPort Extreme Wireless Card & Bluetooth
Keyboard	Built-in	Built-in
Mouse	Built-in	Built-in
Office Software	Office 2004 for Mac - Student and Teacher Edition	Office 2004 for Mac - Student and Teacher Edition
Antivirus	Sophos Antivirus provided by Guilford College	Sophos Antivirus provided by Guilford College
Other	AppleCare Protection Plan	AppleCare Protection Plan

Software

Fully-Supported Software

Software in this category will be fully-supported in the sense that the college will provide current versions of one of these packages on college-owned systems; assistance will be available through the IT&S Help Desk.

Operating systems:

- Windows 2000
- Windows XP Home
- Windows XP Pro
- Windows Vista Home Premium
- Windows Vista Business
- Windows Vista Ultimate
- Windows 7 Home Premium
- Windows 7 Professional,
- Windows 7 Ultimate
- Mac OS 10.4.x
- Mac OS 10.5.x

Word processing, spreadsheet, presentation

- Microsoft Office 2008 Standard (includes Word, Excel and Powerpoint) (Mac)
- Microsoft Office 2007 Standard (includes Word, Excel and PowerPoint) (PC)
- Microsoft Office 2003 Standard (includes Word, Excel and PowerPoint) (PC)
- Microsoft Office 2004 (includes Word, Excel, and PowerPoint) (Mac)

E-mail, calendaring and conferencing

- Guilford College Google Apps (provided by Guilford College)

Web browsers

- Internet Explorer 7.0 w/ 128 bit encryption or Firefox 2.x(PC)
- Safari 2.0 or Firefox 2.x(Mac)

Browser Plug-ins

- QuickTime 7.0 and above (PC and Mac)
- Macromedia Shockwave 8.5.1 (PC and Mac)
- RealOne Player (PC and Mac)
- Adobe Acrobat Reader 5.0.5 (PC and Mac)
- Flip4MAC

Compression Utilities

- WinZip 9.0 (PC)
- MacZipIt (Mac)

Virus protection

- Sophos Antivirus (PC and Mac)

Telnet

- HyperTerminal (PC)
- Better Telnet (Mac)

FTP

- LapLink FTP 2.0.1.3 (PC)
- Fetch 4.0.2 FTP Tool (Mac)

All physical operating system media (CD's, Diskettes, cables, etc.) MUST be brought to the campus to be available to the student.

Note on Office 2007: IT&S recommends that students purchase Office 2007 (Windows) for new students because it is the most recent version of Office and is meant to last a student for 4 years. However, faculty and staff at Guilford are still using Office 2003. Students who use Office 2007 for class assignments need to make sure that when they submit assignments for classes that they save their files in 2003-compatible format (.doc.) Students who need assistance with this can contact the helpdesk for more information.

Note on Mac OS 10.5.x (Leopard): IT&S recommends that incoming students who bring Macs run OS 10.5 because it is the most recent OS available; all computers purchased through our discount arrangement with Apple will come with 10.5 installed. However, students should be aware that because 10.5 is a new operating system some Guilford IT&S services, such as printing directly to campus computer labs, may not always work. IT&S is continuing to work with the vendor to troubleshoot these issues and expect that most students will have no problem bringing Leopard to campus; 24/7 labs are available for use if a student needs them for any reason.

Note on Windows Vista: IT&S suggests both Windows XP and Windows Vista as operating systems for new Windows computers. However, students purchasing Vista should know that some Guilford services,

including printing in the labs, may not always work. In addition, faculty and staff at Guilford are still using Windows XP. IT&S recommends that students consider Windows XP as an option when considering what to purchase, and provides packages through Dell that come with Windows XP as the default operating system, if you choose not to purchase a system running Vista. [Click here to look at and view the available computers from Dell.](#)