

“Choosing the Right Computer at ECU”



2011 Guide to choosing a Computer for an ECU student



Choosing a computer is an important and expensive decision.

Your computer should meet your academic needs. ECU recommends that all students have access to a computer, but does not require a specific computer for the students. Certain majors have requirements that students have a computer meeting specific minimum specifications to ensure that they are able to use their specific software with their computer. ECU established the ACE Initiative to provide special pricing and on-campus support for ECU students who purchase Lenovo and Apple computers through the ECU Student Store.

ECU's ACE Initiative

The ACE Initiative assists students and parents with making decisions about their computers. The ACE staff is available to answer questions that students or parents may have related to computers. We communicate key information like departmental computer requirements and provide support for student computers through our Student Computer Support Center in Rawl 108. ACE works with ECU's Dowdy Student Stores to provide discount pricing on recommended models of computers that meet the needs of students.

For additional assistance related to computer selection visit www.ecu.edu/ace, or contact:

- Charlie Justice, ACE Initiative, 252-328-9128, justicec@ecu.edu
- Chance Kornegay ECU Dowdy Student Stores: 252-328-6731, kornegaych@ecu.edu
- David Creech, ACE Student Computer Support Center 252-328-9544, creechd@ecu.edu

Frequently asked Questions and things you should consider when selecting a computer

➤ *What will I use my computer for?*

As a student you will use a computer for a multitude of tasks. Communication is one main use, checking email, instant messaging, and online chats for classes. You will use online resources to register for classes, pay tuition, to register your vehicle; Professors will communicate with you via email. You will use online course applications like Blackboard to get assignments, submit work, access resources, take quizzes and get your grades. Many of ECU's classes involve a combination of face to face meetings with online participation. You will use applications like Microsoft Word, Excel and PowerPoint to complete assignments. Many departments have specific software packages that students may need to complete their assignments.

All students should consult with their academic advisor before choosing a computer!

➤ *What kind of computer do I need?*

Many majors require or recommend that their students have a computer. Some departments may want you to have a laptop to bring to class. You may need to run software applications that have special hardware requirements (like specific video cards or a minimum amount of RAM). Check ECU's listing of departments (on page 5 of this document) to find out which departments have requirements / recommendations. ***All students should consult with their academic advisor before choosing a computer!***

➤ *Do I need to purchase a warranty?*

3 year warranties are recommended for all computers, but especially for laptops. Accidental damage insurance is also highly recommended as student use tends to be especially hard on laptops. Having warranty protection with a local service provider will insure that you will have minimal time without your computer should there be a problem, and that there will not be unplanned costs.

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➤ *My Department does not have a specific recommendation, what type computer should I have?*

Any of the basic computer configurations that ECU recommends should fit your needs as a general student. ECU makes every effort to ensure that commonly used student applications (Email, Blackboard, Banner, etc) run on both the windows platform and the Mac platform. Despite our efforts, we cannot guarantee that every software application used on campus by instructors will run on both. There are rare occasions where applications may only run on a PC, generally in departments that do not have a specific computer requirement. On-campus computer labs are available for you to use some software that you may not have on your personal computer.

➤ *Why should I purchase a computer from ECU?*

The ACE recommended laptops are specifically configured to meet your needs as an ECU student AND have FREE on-campus warranty support. Extensive planning goes into the selection of the computer configuration to insure the models meet the demands of your academic needs. Vendors are chosen based on the highest standards of performance, pricing, and customer satisfaction. Technicians provide complete on-campus support, including warranty repair. ECU recommended models are preconfigured to have the necessary anti-virus protection, firewall protection, and data backup software to insure that students are protected from threats like viruses, hackers and data loss.

Benefits of purchasing an ACE recommended computer

- On campus warranty support w/ use of loaner if needed (***limited numbers available***)
 - Insurance that the computer will be compatible with ECU network and systems
 - Anti-virus software installed
 - Special discount pricing
 - Assurance that the computer meets the recommendations of ECU academic departments
-

➤ *Why Lenovo and Apple?*

Why did ECU choose Lenovo and Apple as the preferred computers for ECU students? Lenovo (formerly IBM) and Apple have the highest rate of satisfaction by laptop owners based on industry surveys conducted by independent sources like PC magazine and they are leaders in the field of education, working with more universities than other computer company. They also provided the best pricing on the computer models selected by ECU, offering pricing below normal educational discounts. ECU’s partnership with them has been very successful and beneficial to our students.

➤ *Should I shop around?*

We encourage parents and students to shop around using our recommendations to ensure that the models you are comparing contain all of the key components we recommend. ECU’s Dowdy Student Stores offers ACE recommended models that **include** 3 year warranty and free on-campus support (ThinkPads include Think Pad protection for accidental damage, Macintosh owners can purchase SafeWare protection separately).

➤ *Should I purchase a laptop instead of a desktop?*

A laptops portability and ECU’s wireless network allows you to access the internet in many locations on campus. You can take your computers to class, to the library, and to study sessions. Laptops make it easy to take your computer home while on break or home for the weekend.

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➤ *Is there a difference in Windows XP and Vista and Windows 7?*

Windows 7, Vista and XP are operating systems used on PC computers. All provide capabilities that students need. Windows 7 is the newest and has several Versions. Windows 7 Home is the basic version we recommend for students, but all versions will be sufficient for you. Windows 7 will require more memory and processor speed to run efficiently, and our recommendations reflect what is needed to run Windows 7.

➤ *Can I run Windows on a Mac?*

Today Macintosh computers have the capability of running the Windows operating system on a Macintosh computer. Be aware that an application like “Boot Camp” or “Parallels” is required to do this. Boot Camp is free with some versions of Mac OS (it allows you to run Windows or Mac OS, but not at the same time) and Parallels (allows you to run Windows and OSX at same time) is available for a fee. To use one of these applications, ***you will also have to purchase a copy of Microsoft Windows to install on your Mac.*** While these applications do work, be aware that neither Microsoft nor Apple officially supports the running of Windows on a Mac computer. ***Check with your department before making this decision!***

➤ *What’s in the computer?*

Components in the computer have a dramatic effect on the performance and price of the computer. Here are a few tips for what to look for in your computer’s hardware specifications:

- **Processor Type** is one key to the speed of the computer. Intel Core processors efficiently run multiple applications at the same time, work great with Windows 7 and are best for laptops because they are fast and energy efficient, so your battery lasts longer. Pentium type processors are good for desktops, but lack desired energy efficiency needed for laptops. Celeron processors are slower and less efficient.
- **RAM** is the memory the computer uses to run applications and open files. The amount of RAM in a computer has a dramatic effect on the speed of the computer, particularly with Windows 7.
- **Video Card Memory** – Applications that utilize video graphics can slow a computer down. Integrated video means the computer uses existing RAM to process graphics. Dedicated or Discrete graphics means the computer has additional memory and cache specifically for video processing. A video card with dedicated memory will improve the performance of the computer, particularly those computers running Windows 7 or using multimedia applications for pictures and video.
- **Wireless Cards** – Most of our campus has wireless available and we recommend students have a wireless card. G is the standard (which allows you to also access B networks) but N type cards are now available. N wireless is faster and will allow you to have faster download speeds WHEN you are on an N wireless network.
- **CDRW/DVD drives** – There are several types of optical drives. Multi-Burners are able to play & burn DVD’s and CD’s, Combo Drives can play DVD’s and CD’s, but only burn CD’s.
- **Hard Drive** size and speed is also a key consideration. 4200 RPM is standard for laptops, but 5400 and 7200 rpm drives can access data faster making the computer perform faster. Hard drive speed is not always advertized, but one should find out what the drive speed is before purchasing. Large hard drives are great for storing lots of data, but users are recommended to invest in portable external hard drives to store/backup valuable data like music, video and photos.
- **Battery Life** – The battery life of the computer is an important component. Energy efficient components (like processor and wireless card) can extend the life of the battery. Over time the battery will not hold the same charge that it does when it is new, so having a long life battery to start with will pay big dividends down the road.
- **Consult ECU’s recommended configurations for information on selecting the right computer configuration (pages 5-7).**

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➤ I see OpenGL listed for some of the requirements, what is OpenGL and why is it important?

OpenGL (Open Graphics Library) is a standard specification for writing applications that produce 2D and 3D computer graphics. Having OpenGL ensures your computer will run graphic design programs like AutoCAD and SolidWorks.

➤ What software will I need?

Microsoft Office - ***NEW for 2011! ECU has just completed an agreement with Microsoft that will allow students to download Office and Windows FREE OF CHARGE! We are in the process of finalizing the agreement, ECU students will receive an email during the summer letting them know when it is available and how to obtain it.***

Symantec Antivirus software is required for your computer to access ECU’s network, and is provided free of charge. **Once enrolled in classes**, you can download the software for free from <http://download.ecu.edu>.

Additional software may be required by your instructors, check with your department for this information. Most software packages are available through ECU’s Dowdy Student Store at academic discount pricing.

➤ How do I connect to the internet on campus?

ECU residence halls have network access in every dorm room. Computers should have a standard Ethernet port and cable. A computer must be running a currently supported operating system (Windows XP, Vista, Windows 7 or Macintosh OS X or higher).

The first time a student connects to the network they will be prompted to download and install “Cisco Clean Access Agent” (Cisco CCA). Students are required to have **Symantec Antivirus** (provided free of charge to enrolled ECU students via <http://download.ecu.edu>) and to have current Windows Updates (not required for Macintosh and Linux users) in order to connect. Once installed Cisco CCA will prompt and assist you should you need to install Symantec or update your computer.

Wireless access is available on ECU’s main campus in most academic buildings and common areas (library, snack bar areas, etc). Your computer needs a standard 802.11(b, g or n) wireless card to communicate with the wireless network.

➤ Where can I get assistance?

ECU’s **IT Help Desk** is available day and night to provide assistance over the phone for common issues like network access and viruses, call 252-328-9866 or visit the Help Desk website (www.help.ecu.edu)

The **ACE Student Computer Support Center** has two locations to provide students help with issues related to their computers. On Main campus students can go to 108 Rawl, on West campus room 3330 in the AHN building. Hardware repair and free warranty support is provided for ACE recommended computers purchased through ECU’s Dowdy Student Store. Software assistance and network assistance is available to all students.

➤ Checklist of computer related items a new student should consider:

- **Laptop Computer** (check recommendations for major)
- **Ethernet cable** (to connect to the network)
- **Printer/Scanner/Copier** (for dorm room printing)
- **Cable Lock** (to secure laptop)
- **Symantec Antivirus** (free through ECU Onestop)
- **Microsoft Office** (available at Student Store)
- **Padded book bag** (to carry laptop and books)
- **USB flash drive** (also known as thumb drive)
- **Portable external hard drive** (for storing data)
- **USB mouse**

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East Carolina University Departmental Computer Requirements and Recommendations for Fall 2011

The following academic degree programs require or recommend students to have access to a computer that meets the minimum specifications for their major.

For specific technical recommendations match minimum specifications on this chart with details on Page 7

These requirements are subject to change, All students should check with their academic advisor before making final decision on a computer!

Academic Major	Requirement / Recommendation Applies:		Minimum Specifications
School of Allied Health Sciences			
Physicians Assistance Studies	Required	When admitted to the Physicians Assistant program	Multi-media PC (Macs not allowed)
Health Information Management	Required	When accepted into the HIM BS program	Basic PC or Multi-media PC
Health Services Management	Required	When accepted into the HSM BS program	Basic PC or Multi-media PC
School of Art and Design			
Communication Arts	Required	When admitted to the Communication Arts program	Multi-Media Mac
College Arts and Sciences			
Anthropology	Recommended	When declared as Anthropology major	Basic PC or Basic Mac
Anthropology	Recommended	When accepted into Anthropology graduate program	Basic PC or Basic Mac
Biology	Required	All declared majors and intended majors	Basic PC or Basic Mac
Physics	Recommended	When declared as Physics major	Basic PC or Basic Mac
College of Business			
Undergraduate	Recommended	When declared as a Business Major	Multi-media PC or Tablet
Masters	Recommended	When accepted into Graduate Program	Multi-media PC or Tablet
<i>College of Business students should check with their advisors before making a decision NOTE: Windows Version of Microsoft Office is Required for Business students</i>			
College of Education			
Business Education-Undergraduate	Required	When declared as Business Education major	Multi-media PC
Business Education - Graduate	Required	When accepted into Business Education Masters Program	Multi-media PC
Education Graduate Program	Recommended	When enrolled in the Graduate program	Basic PC or Basic Mac
Music Education	Recommended	When accepted into Music Education graduate program	Multi-Media Mac
Science Education	Required	When accepted into MAEd program	Basic PC
Teaching Fellows	Recommended	When accepted into Teaching Fellows program and enrolled in school	Basic PC or Basic Mac
Theatre Education	Recommended	When accepted into Upper Division of the College of Education	Basic PC or Basic Mac
College of Human Ecology			
Criminal Justice	Recommended	When formally accepted as a Criminal Justice major	Basic PC
Interior Design	Recommended	All declared majors and intended majors	Graphic Design PC w/OpenGL
Merchandising	Recommended	All declared majors and intended majors	Graphic Design PC w/OpenGL
School of Medicine			
Medicine	Required	When enrolled in School of Medicine	Multi-media PC or Tablet
College of Technology and Computer Science – <i>**Students should examine additional specific requirements for this college on the following page</i>			
Construction Management	Required	When declared as Construction Management major	Graphic Design PC w/OpenGL
Design	Required	When Declared as BS in Design	Graphic Design PC w/OpenGL
Engineering	Required	When accepted into the Engineering program	Graphic Design PC w/OpenGL
Industrial Distribution and Logistics	Required	When declared as Industrial Distribution major	Graphic Design PC w/OpenGL
Industrial Engineering Technology	Required	When declared as Manufacturing major	Graphic Design PC w/OpenGL
Industrial Technology	Required	When declared as Industrial Technology major	Graphic Design PC w/OpenGL
Information and Computer Technology	Required	When declared as Information and Computer Technology major	Graphic Design PC w/OpenGL

Purchasing a computer for ECU students NOT enrolled in a requiring program is OPTIONAL; however, any student can take advantage of the special pricing and available support.

Students should consider what their intended major is going to be and contact that department for information before making a decision on purchasing a computer.

All ECU students are recommended to have access to a computer that meets the minimum specifications of the recommended Basic PC or Basic Mac

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ECU College of Technology and Computer Science Requirements-Fall 2011

Students in the College of Science and Technology are required to have access to a computer that meets the following minimum specifications. We also encourage students to contact their departmental advisor for computer information specific to their major before making a purchase.

ECU Recommendation for purchase from ECU Student Store <i>(these models have OpenGL video capabilities and meet the minimum specifications):</i>	
- Lenovo ThinkPad T510 15.4" widescreen Graphic Design PC	
Recommended Configuration: Graphic Design PC For high end computing involving graphic & design applications such as AutoCAD that require OpenGL VIDEO, your computer should meet these minimum specifications:	
Configuration	Minimum Recommended Requirements
Operating System:	Windows XP Pro or Windows 7 Pro
Processor	Intel Core Duo equivalent or better
RAM	4 GB or greater (should be upgradable to 8 GB)
Hard Drive capacity	at least 300 GB or greater
Optical Drive	CD-RW/DVD Combo
Video Card <i>(this requirement is critical for running CAD applications!)</i>	500 MB OpenGL Video card or greater
Network connection (for on campus use or off campus broadband connection)	10/100/1000 Ethernet card
Wireless Card (for laptops)	802.11b or 802.11g wireless card
USB ports	at least 2 USB 2.0 slots
Antivirus Software	
Additional requirements for specific departments	Specific requirements
Construction Management	-Laptop is Required -video card must have OpenGL capabilities
Design	-Laptop is Required -video card must have OpenGL capabilities
Engineering	-Laptop is Required -video card must have OpenGL capabilities
Industrial Technology	-on campus students must have laptop -for Distance Education students a desktop is minimum, laptop is recommended
Information and Computer Technology	-Basic PC Configuration is required with a minimum of 4 GB of memory upgradeable to 8 GB. -Minimum disk 200 GB. -Graphic Design PC recommended. -On campus students must have laptop. -Distance Education students a desktop is minimum, laptop is recommended
Industrial Engineering Technology	-Multimedia configuration with OpenGL capabilities -Laptop is Required
Industrial Distribution and Logistics	-Multimedia configuration with OpenGL capabilities -Laptop is Required
Students should check with their academic advisor before making a final decision!	








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These technical recommendations are based on the needs of various ECU academic majors that have computer requirements or recommendations. Students should consult with their advisor to see if their intended major has a requirement or recommendation specific to their major.

Students should purchase computers that meet or exceed these recommendations.

Minimum Recommended Configurations

Type of Activity	General use (Word processing Web surfing, Email)	General use editing photos, playing movies/music	General use Graphic Design Video Production	General use Ultra Lightweight Note taking in class	General use (Word processing web surfing email)	General use editing photos, playing movies and music	General use Graphic Design Video Production
Type of Computer Needed	Basic PC	Multi-Media PC	Graphic Design PC w/ OpenGL	Tablet PC	Basic Mac	Multi-Media Mac	Graphic Design Mac
Platform							
	Laptop	Widescreen Laptop	15" Widescreen Laptop	12.1" Convertible Tablet	13" Laptop	13" Laptop	15" Laptop
Operating System	Windows XP, Vista or 7	Windows XP, Vista or 7	Windows XP, Vista or 7	Windows XP, Vista or 7	OS X Snow Leopard	OS X Snow Leopard	OS X Snow Leopard
Processor	Intel Core™ 2 Duo or Core™ (2.0GHz)	Intel Core™ 2 Duo i5™ (2.3GHz)	Intel Core™ 2 Duo i5™(2.5GHz)	Intel Core™ 2 Duo i5™ (2.5GHz)	Intel Core™ 2 Duo (2.4GHz)	Dual-Core Intel Core™ i5 (2.3GHz)	Quad-core Intel Core i7™ (2.0GHz)
RAM	2 GB	3 GB	4 GB (w/ability to upgrade to 8 GB)	4 GB	2 GB	4 GB	4 GB
Hard Drive	250 GB 5400 rpm HD	320 GB 5400 rpm HD	500 GB 7200 rpm HD	320 GB 7200 rpm HD	250 GB HD 5400 rpm	320 GB HD 5400 rpm	500 GB 7200 rpm
Optical Drive	CDRW/DVD Combo	DVD Multi-Burner	DVD Multi-Burner	Internal or External CDRW/DVD Combo	CDRW/DVD Combo	DVD RW/ CD-RW Superdrive	DVD RW/ CD-RW Superdrive
Video Graphics Card	Integrated video	Integrated or dedicated video	1 GB dedicated or greater	Integrated video	128 MB shared	256 MB shared	256 MB dedicated or greater
Ethernet	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000
Wireless Card	Internal 802.11 b/g/n	Internal 802.11 b/g/n	Internal 802.11 b/g/n	Internal 802.11 b/g/n	Integrated Airport Extreme 802.11g	Integrated Airport Extreme 802.11g	Integrated Airport Extreme 802.11g
USB Ports	2	3	3	2	2	2	2
Recommended Options	Bluetooth Camera	Bluetooth Camera	Bluetooth Camera	Bluetooth Camera	Bluetooth	Bluetooth Firewire	Bluetooth Firewire
Battery Life	5 hours	5+ hours	5+ hours	5+ hours	5+ hours	5+ hours	5+ hours
Manufacturer Warranty	3 Year Recommended	3 Year Recommended	3 Year Recommended	3 Year Recommended	3 Year AppleCare Recommended	3 Year AppleCare Recommended	3 Year AppleCare Recommended
Accidental Damage Insurance	3 Year Recommended	3 Year Recommended	3 Year Recommended	3 Year Recommended	3 Year SAFEWARE Recommended	3 Year SAFEWARE Recommended	3 Year SAFEWARE Recommended
Anti-virus Software	Symantec Endpoint Required	Symantec Endpoint Required	Symantec Endpoint Required	Symantec Endpoint Required	Symantec 10 Recommended	Symantec 10 Recommended	Symantec 10 Recommended
ACE Recommended Models (these models meet or exceed above recommendations) Available at ECU Dowdy Student Store							
ECU Recommends:	<i>Lenovo ThinkPad T420</i>	<i>Lenovo ThinkPad T420s or T520s</i>	<i>Lenovo ThinkPad W520</i>	<i>Lenovo X220 Tablet</i>	<i>Apple MacBook</i>	<i>Apple MacBook or MacBook Pro</i>	<i>Apple MacBook Pro</i>

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Lenovo ThinkPads - Designed for ECU Students

ACE Recommended Lenovo ThinkPad models

Available from ECU's Dowdy Student Store - www.ecu.edu/studentstores

ThinkPads designed for ECU Students

ThinkPad® notebooks are exceptionally engineered to boost productivity, enhance mobility and reduce your total cost of ownership. ACE and the ECU Dowdy Student stores are proud to work with Lenovo to design Laptops specifically targeted to the needs of ECU students.

- ACE consults with ECU Faculty and Staff to insure the current AND future needs of students are met
- ACE selects technology that will hold up to the demands of the students over their college career
- ACE provides free on-campus support for all of these Lenovo models, including warranty repair
- ACE provides loaner computers in the event your ThinkPad is in the shop



Protect your Data! The T420s and w520 include:

- 3 Year Manufacturer's Warranty, 3 year Accidental Damage insurance (w/option to add 4th year coverage)
- Free On Campus Support!
- Hard Drive motion Sensor Active Protection System can detect sudden changes in motion and temporarily stop the hard drive to help protect your valuable data from some crashes that could occur due to everyday notebook accidents
- ThinkPad Roll Cage to protect the notebook body & Top Cover Roll Cage to give extra protection to the display.
- Full-size, ergonomic spill resistant keyboard –ThinkPad keyboards are sealed and contained within a tray with special drain holes to channel spills to the bottom of the system to lessen opportunity for damage
- Rescue and Recovery™ To recover from system crashes quickly, even if the primary operating system will not boot.
- Finger Print Reader, plus Embedded Security Subsystem



Roll Cage Technology



ThinkPad

Spill Proof Keyboard



T420s ThinkPad – Light Weight Performance

The Lenovo ThinkPad T420s offers high performance in an ultimate thin and light design..This notebook is engineered to deliver mobility, performance, connectivity, energy efficiency and comfort. Great for surfing the web, creating documents and spreadsheets and completing online assignments. ***This model fits the needs of most ECU students.***

Features include:

- 14.1" High Def widescreen display w/LED Backlight
- Light Weight at 3.6 lbs!
- Built in LCD Camera
- 4 GB RAM and 320 GB, 5400 RPM hard drive
- Intel Core 2 Duo i5-2520M 2.50 GHz processor
- DVD Multi Recorder Optical Drive
- Intel HD 3000 integrated graphics
- Bluetooth, Internal 10/100/1000 Ethernet, Intel A/G/N Wireless for fast downloads
- 6 Cell Li-Ion Battery
- Windows 7 Professional 64 bit



Check student store website for latest pricing!

For more information visit www.ecu.edu/ace

“Choosing the Right Computer at ECU”
ACE Recommended Lenovo ThinkPad models

Available from ECU’s Dowdy Student Store - www.ecu.edu/studentstores

W520 ThinkPad – Speed and Power for Graphics

Workstation-class performance - Think it's just another laptop? Think again. Designed to outperform standard laptops, the W520 is actually a mobile workstation — lightning-fast, heroically powerful and surprisingly portable. The W520 features the energy efficient Intel Core i7 Processor, maximum amount of memory, ultra fast hard drive, and dedicated graphics to enhance performance. This model is designed for graphic intensive computing like AutoCAD and Gaming.

Features include:

- 15.6” widescreen High Def anti-glare display with LED Backlight and Camera
- Weighs 6.2 lbs
- 4 GB RAM and 500 GB, 7200RPM hard drive
- Intel Core i7 2.3GHz processor
- DVD Multi Recorder Optical Drive
- NVIDIA Quadro graphics with 2GB Dedicated Video RAM (OpenGL Compatible)
- Bluetooth, Internal 10/100/1000 Ethernet, Intel A/G/N Wireless for fast downloads
- 9 Cell Li-Ion Battery (*up to 8.3 hours max*)
- Windows 7 Professional 64 bit



Check student store website for latest pricing!

X220 Tablet - Write on the screen!

Lenovo combined the same design and performance principles of our exceptional ThinkPad laptops with the flexibility of pen- and finger-based computing to create the X220 Tablet. This mobile workstation has a large screen that rotates around to create a tablet that you can write on. Lightning fast energy efficient Intel Core 2 Duo Processor and ultra fast hard drive enhances the performance. Easy to carry around and rotating screen is great for note taking and reading e-books.

Features include:

- 12.1” High Def Multitouch widescreen display, Weighs 3.88 lbs
- Built in Camera
- 4 GB RAM and 320 GB, 7200RPM hard drive
- Intel Core 2 Duo i5, 2.5 GHz processor
- Internal 10/100/1000 Ethernet
- Bluetooth, internal 10/100/1000 Ethernet, Intel A/G/N Wireless for fast downloads
- Intel 6055 2x2 video Graphics
- 8 Cell Hybrid Battery (*up to 7 hours max*)
- Windows 7 Professional 64 bit
- **Optional External DVD RW Burner



Check student store website for latest pricing!

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ACE Recommended Macintosh models

Available from ECU’s Dowdy Student Store - www.ecu.edu/studentstores



MacBook pricing and models are subject to change, please visit the ECU Student Store website for up to date information and online ordering- www.ecu.edu/studentstores

MacBook - for general use

Economically priced with 13.3” display, the MacBook fits the basic computing needs of most ECU students. It features a new seamless, more durable unibody enclosure with rounded contours that make it easy to pick up and slide into and out of your bag. And it’s made of rugged polycarbonate that withstands the rough and tumble of everyday life — at school, at work, or while traveling.

Check student store website for latest pricing and configurations!



MacBook models include:

All Mac Models come with these outstanding features to benefit student use:

- **Mac OS X Snow Leopard** operating system + **iLife**
- **Internal 10/100/1000 Ethernet** and built in **AirPort Extreme wireless** (802.11n), 2 USB ports plus **Bluetooth** and **Firewire**
- **Multi-Touch trackpad** Full size keyboard
- **Apple Care** Manufacturer Warranty
- **Built in iSight Camera**
- **iLife software suite** for creating photo projects, making movies, designing DVD’s, building websites, and composing music

MacBook Pro - Power for Multimedia and Design

Carved from a single block of aluminum, the new MacBook Pro unibody enclosure is slim and streamlined with a soft-brushed surface and stunning contours. But it’s not all about beauty. The unibody construction makes MacBook Pro more durable than ever. Available in several sizes!

Check student store website for latest pricing and configurations!

