

Technology at a Glance

Matt Powell

Help Desk Coordinator

Academic Technologies -- ITCS

Welcome to ECU

Computer Requirements and Recommendations for ECU Students



www.ecu.edu/ace

Matt Powell

IT Help Desk

Chance Kornegay

ECU Dowdy Student Stores

David Creech

IT Student Services

Computing and technology is a big part of students college life

- Social Media
- E-mail and communication
- Course assignments
- Online classes
- Online file storage
- University business
- Campus alerts



What do we provide?

- Campus Network
 - Wireless in academic buildings
 - Wireless in common areas
 - Dining Hall
 - Library
 - Student Center
 - Common areas
 - **Wired access in all Dorms**
 - **Wireless in all Dorms**



What do we provide?

- E-mail
- Online Storage
- Instant messaging



What do we provide?

- Campus Computer Labs
 - Open day and night
 - Printing for academic work



What do we provide?

Microsoft®

- Office, Windows
- Available via download in August
- www.ecu.edu/microsoft4students
- FREE OF CHARGE!



What do we provide?

- Packages available through download.ecu.edu
 - Anti-virus software
 - SPSS and other stats packages
- Deals through student store
 - Adobe Creative Cloud



Support for Student Computing

- **IT Help Desk** www.help.ecu.edu
 - Phone
 - Chat
 - After hours support for students
 - Nights
 - Weekends
 - Training and Tutorials



Pirate Techs (formally ACE)

Student Computing Support Center

- Locations
 - Rawl Building, Room 108
 - Laupus Library Room 2506
- For all students
 - Network connectivity
 - Software installation
 - Software trouble shooting
 - Virus and spyware removal
- Warranty repair
 - Apple, Lenovo, and Dell computers



Living in the Dorm

- **Wired** and **Wireless** in all Dorms,
- **1 to 2 Ethernet ports** in each room
- Need network cable (recommend 20')
- Access controlled by Cisco ISE
 - Must have Symantec Anti-virus (provided)
 - Virus definitions, Windows updates required



- **Wireless Routers not permitted**
- **Gaming consoles not permitted**



ECU Policies on File Sharing

- ECU students are cautioned about to the use of file sharing programs used for downloading music and video files.
- Many of the programs available may actually be sharing copyrighted material illegally, even though they appear legitimate.
- Users who illegally download copyrighted material from these sites may lose network privileges and be subject to fines and disciplinary action.



Determining Your Computer Needs

Visit www.ecu.edu/ace

Check List of Departments
with Requirements

Check Technical
Recommendations

Check With Department and
Advisor

What kind of computer do you need?

- www.ecu.edu/ace
 - General recommendations for all students
 - Specific requirements for certain majors
 - Computers purchased in the past couple of years should work for most students who do not have specific requirements for their major

“Choosing the Right Computer at ECU”

East Carolina University Departmental Computer Requirements and Recommendations for Fall 2015

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 or Multi-Media Mac
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			
All Undergraduate	Required	When declared as a Business Major	Multi-media PC or Tablet
All Masters	Required	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 – **Students should examine additional specific requirements for this college on the following page			
Construction Management	Required	When declared as Construction Management major	Graphic Design PC
Design	Required	When Declared as BS in Design	Graphic Design PC
Engineering	Required	When accepted into the Engineering program	Multi-media PC
Industrial Distribution and Logistics	Required	When declared as Industrial Distribution major	Graphic Design PC
Industrial Engineering Technology	Required	When declared as Manufacturing major	Graphic Design PC
Industrial Technology	Required	When declared as Industrial Technology major	Graphic Design PC
Information and Computer Technology	Required	When declared as Information and Computer Technology major	Graphic Design PC

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.

****Please note that it is acceptable to run Windows on a Mac computer if your department requires or recommends a PC****

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

Computer Configurations

- **Basic**

- Covers the needs of most students
- E-mail, surfing web, docs and spreadsheets

- **Multimedia**

- More storage and processor, lightweight
- Designed for music, photos, video, etc.

- **Graphic Design**

- High End graphics card/processor, larger display
- Designed for heavy duty graphic design apps







"Choosing the Right Computer at ECU"

2015 Guide to Choosing the Right Computer at ECU

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.

Minimum Recommended Configurations

Students should purchase computers that meet or exceed these recommendations

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 (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	Basic Mac	Multi-Media Mac	Graphic Design Mac
Platform						
	Laptop	14" Widescreen Laptop	15" Widescreen Laptop	13" Laptop	13" Laptop	15" Laptop
Operating System	Windows 7 or 8	Windows 7 or 8	Windows 7 or 8	OS X Mountain Lion	OS X Mountain Lion	OS X Mountain Lion
Processor	Intel Core™ i3™ (2.3GHz)	Intel Core™ i5™ (2.5GHz)	Intel Core™ i7™ (2.8GHz)	2.5GHz dual-core Intel Core i5	2.9GHz dual-core Intel Core i7	2.3GHz quad-core Intel Core i7
RAM	4 GB	4 GB	4 GB (w/ability to upgrade to 8 GB)	4 GB	8 GB	8 GB (w/ability to upgrade to 16 GB)
Hard Drive	320 GB 5400 rpm HD or 128GB solid state	500 GB 5400 rpm HD or 128GB solid state	500 GB 7200 rpm HD or 180GB solid state	500 GB HD 5400 rpm or 128GB solid state	750 GB HD 5400 rpm or 256GB solid state	750 GB 7200 rpm or 256GB solid state
Optical Drive	Internal or external DVD Multi-Burner	Internal or external DVD Multi-Burner	Internal or external DVD Multi-Burner	DVD RW/ CD-RW Superdrive	DVD RW/ CD-RW Superdrive	DVD RW/ CD-RW Superdrive
Video Graphics Card	Integrated video	Integrated or dedicated video	Integrated or dedicated video			
Ethernet	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000
Wireless Card	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n
USB Ports	2	3	3	2	2	2
Recommended Options	Bluetooth Camera	Bluetooth Camera	Bluetooth Camera	Bluetooth	Bluetooth Thunderbolt	Bluetooth Thunderbolt
Battery Life	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 AppleCare Recommended	3 Year AppleCare Recommended	3 Year AppleCare Recommended
Accidental Damage Insurance	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 for Mac Recommended	Symantec for Mac Recommended	Symantec for Mac Recommended

Student Computing Initiative Recommended Models

(these models meet or exceed above recommendations) Available at ECU Dowdy Student Store

ECU Recommends:	<i>Lenovo or Dell</i>	<i>Lenovo or Dell</i>	<i>Lenovo or Dell</i>	<i>Apple MacBook Air or MacBook Pro</i>	<i>Apple MacBook Air or MacBook Pro</i>	<i>Apple MacBook Pro</i>
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Specific Requirements

- Certain Departments in College of Engineering and Technology (Computer Science and Construction Management)
 - Require high end PC laptops
- School of Art
 - Requires high end Mac computers
- College of Business
 - PC required with Windows version of MS Office
- Other Departments have recommendations

Running Windows on a Mac

- Requires applications like Boot Camp, Parallels, vmFusion, etc
- Must get copy of Windows
- Software utilizes a portion of the hard drive



Windows 7 vs Windows 8



Purchasing a new computer?

- Visit www.ecu.edu/ace
- Most students get laptops
- Battery life is an important consideration
- PC or Mac will work for most students

