### Baseline Specifications for New Computers

#### PC Hardware Baseline

<table>
<thead>
<tr>
<th>Component</th>
<th>Desktop Recommendations</th>
<th>Laptop Recommendations</th>
</tr>
</thead>
<tbody>
<tr>
<td>OS</td>
<td>Windows 7 SP1</td>
<td>Windows 7 SP1</td>
</tr>
<tr>
<td>CPU</td>
<td>Intel Core i series AMD Equivalent</td>
<td>Intel Core i series AMD Equivalent</td>
</tr>
<tr>
<td>RAM</td>
<td>8 GB</td>
<td>8 GB</td>
</tr>
<tr>
<td>Hard Drive</td>
<td>250 GB</td>
<td>250 GB</td>
</tr>
<tr>
<td>Ethernet</td>
<td>Yes</td>
<td>Built-in or USB 3.0</td>
</tr>
<tr>
<td>Warranty</td>
<td>3 Years</td>
<td>4 Years</td>
</tr>
</tbody>
</table>

#### Mac Hardware Baseline

<table>
<thead>
<tr>
<th>Component</th>
<th>Desktop</th>
<th>Laptop</th>
</tr>
</thead>
<tbody>
<tr>
<td>OS</td>
<td>Mavericks 10.9</td>
<td>Mavericks 10.9</td>
</tr>
<tr>
<td>CPU</td>
<td>Intel Core i5</td>
<td>Intel Core i5</td>
</tr>
<tr>
<td>RAM</td>
<td>8 GB</td>
<td>8 GB</td>
</tr>
<tr>
<td>Hard Drive</td>
<td>256 GB</td>
<td>256 GB SSD</td>
</tr>
<tr>
<td>Warranty</td>
<td>3 Years</td>
<td>3 Years</td>
</tr>
</tbody>
</table>

We strongly advise against devices with Fusion drives, and ethernet capability is strongly encouraged. Mac users should purchase the Apple branded Thunderbolt-to-ethernet adapters.

**Student Mac users should also consider purchasing Accidental Damage Coverage.**

Departments needing to purchase computers for faculty, staff or departmental labs should at least adhere to the above recommendations to get the best performance when running campus or specialized departmental software.

For more information, contact CCIT Help Desk (656-3494), your IT consultant, or visit laptop.clemson.edu to view current hardware recommendations.

### Minimum Baseline for Current Computers

#### PC Hardware Baseline

<table>
<thead>
<tr>
<th>Component</th>
<th>Desktop</th>
<th>Laptop</th>
</tr>
</thead>
<tbody>
<tr>
<td>OS</td>
<td>Windows 7</td>
<td>Windows 7</td>
</tr>
<tr>
<td>CPU</td>
<td>Intel Core 2 Duo</td>
<td>Intel Core 2 Duo</td>
</tr>
<tr>
<td>RAM</td>
<td>2 GB</td>
<td>2 GB</td>
</tr>
<tr>
<td>Hard Drive</td>
<td>80 GB</td>
<td>80 GB</td>
</tr>
</tbody>
</table>

#### Mac Hardware Baseline

<table>
<thead>
<tr>
<th>Component</th>
<th>Desktop Minimum</th>
<th>Laptop Minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>OS</td>
<td>Lion 10.7</td>
<td>Lion 10.7</td>
</tr>
<tr>
<td>CPU</td>
<td>Intel Core 2 Duo</td>
<td>Intel Core 2 Duo</td>
</tr>
<tr>
<td>RAM</td>
<td>2.0 GB</td>
<td>2.0 GB</td>
</tr>
<tr>
<td>Hard Drive</td>
<td>160 GB</td>
<td>160 GB</td>
</tr>
</tbody>
</table>

Departments are urged to begin replacing computers that do not meet the above minimum requirements.

### Netbook/Tablet Recommendations

The popularity of mobile devices has grown and CCIT recognizes the usefulness of devices such as Netbooks, Tablets (iPads, Venue, Note, etc.), and Mobile devices. However, mobile devices should NOT be considered a primary computer replacement.

Their use should be limited to running low resource functions such as web applications, simple word processing, and general email viewing.

Visit [http://www.clemson.edu/mobile](http://www.clemson.edu/mobile) to get Clemson’s official mobile app my.Clemson and learn more about mobile computing on campus.
Windows Software Roadmap

Recommended Student Laptops
- Windows 8.1 (Spring 2014, Fall 2014, Spring 2015)
- Windows 7 SP1 (Fall 2014, Spring 2015)
- Windows 8.1 (Fall 2015)

Faculty / Staff Systems
- Windows 8.1 (Spring 2014, Fall 2014, Spring 2015)
- Windows 7 SP1 (Fall 2014, Spring 2015)
- Windows 8.1 (Fall 2015)

Public Lab Systems
- Windows 7 SP1 (Spring 2014, Fall 2014, Spring 2015)
- Windows 8.1 (Fall 2015)

Teaching & Learning Podiums
- Windows 7 SP1 (Spring 2014, Fall 2014, Spring 2015)
- Windows 8.1 (Fall 2015)

Windows Office Application
- Office 2010 (Spring 2014, Fall 2014)
- Office 2013 (Spring 2015)

Mac Software Roadmap

MacOS - Operating System
- MacOS 10.8 (Spring 2014, Fall 2014)
- MacOS 10.7 (Spring 2015)
- MacOS 10.9 (Fall 2015)

Recommended Student Laptops
- MacOS 10.8 (Spring 2014, Fall 2014)
- MacOS 10.7 (Spring 2015)
- MacOS 10.9 (Fall 2015)

Faculty / Staff Systems
- MacOS 10.8 (Spring 2014, Fall 2014)
- MacOS 10.7 (Spring 2015)
- MacOS 10.9 (Fall 2015)

Public Lab Systems
- MacOS 10.7 (Spring 2014, Fall 2014)
- MacOS 10.8 (Spring 2015)
- MacOS 10.9 (Fall 2015)

Teaching & Learning Podiums
- MacOS 10.7 (Spring 2014, Fall 2014)
- MacOS 10.9 (Fall 2015)

Software & Training

Available Software

When purchasing a personal computer, don’t purchase additional software without consulting CCIT. We have site licenses for many popular applications so it may already be available at little to no cost.

Currently, the list of available software includes, but is not limited to:
- Microsoft Office
- TrendMicro Anti-Virus
- Read & Write Gold
- AutoCAD
- Maple
- Matlab
- InDesign
- SolidWorks
- Audition

For a complete list of software available, please check our software page at http://www.clemson.edu/ccit/software
For a list of software already installed in CCIT’s public labs, check our lab website at http://www.clemson.edu/ccit/labs

CCIT Training Opportunities for Employees and Students

Instructor Led Training (www.clemson.edu/ccit/training)
- Microsoft Office
- Adobe Creative Suite
- Google Apps for Education
- Cloud Storage
- Windows
- Apple
- Blackboard
- Distance Education Applications

SkillPort’s Online Learning (www.clemson.edu/elearning)

Fall & Spring Tech Talks (www.clemson.edu/ccit/training)

We also do consultations and custom training for Clemson groups and classes.

If you don’t see what you are looking for, email ITHelp@clemson.edu and make a request.

Students: No need to bring a printer - campus-wide printing is now available!

Clemson has implemented a program called PawPrints, which allows students to print at any printer located in a CCIT computer lab on Clemson’s campus and select off-campus locations. Download the software and view instructions for installing on your device at http://www.clemson.edu/pawprints.

It’s even available for your mobile device!

Employee Printing

Print services for faculty and staff are now managed by Ricoh to provide optimized solutions at the lowest possible cost. The university utilizes iPrint as the standard for print queueing, monitoring, and tracking.

Departments that need to purchase a new printer or multifunction device can do so by placing an order through BuyWays. New devices will be tagged and serviced by Ricoh.