

# Hardware and Software Roadmap

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## Operating Systems

Supported Through Fall 2020	Supported Through Fall 2021
Windows 10 (1809 and higher)	Windows 10 (1909 and higher)
MacOS Catalina (10.15)	MacOS Catalina (10.15)
MacOS Mojave (10.14)	MacOS Mojave (10.14)
MacOS High Sierra (10.13)	MacOS High Sierra (10.13)
MacOS Sierra (10.12)	

## Office Applications

Supported Through Fall 2020	Supported Through Fall 2021
Office 365	Office 365

## Baseline Specifications for New Windows Computers

Component	Desktop Recommendations	Laptop Recommendations
OS	Windows 10	Windows 10
CPU	Intel Core i AMD Equivalent	Intel Core i AMD Equivalent
RAM	16 GB	16 GB
Hard Drive	250GB SSD	250GB SSD
Ethernet	Yes	Built-In or USB 3
Warranty	3 Years	4 Years

## Baseline Specifications for Current Windows Computers

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Component	Desktop Recommendations	Laptop Recommendations
OS	Windows 10	Windows 10
CPU	Intel Core i AMD Equivalent	Intel Core i AMD Equivalent
RAM	8 GB	8 GB
Hard Drive	250GB SSD	250GB SSD
Ethernet	Yes	Built-In or USB 3

#### **Baseline Specifications for New Apple Computers**

Component	Desktop Recommendations	Laptop Recommendations
OS	Big Sur (10.15)	Big Sur (10.15)
CPU	Intel Core i5+	Intel Core i5+
RAM	8-16 GB	8-16 GB
Hard Drive	256GB+ SSD	256GB+ SSD
Warranty	3 Years	3 Years

#### **Baseline Specifications for Current Apple Computers**

Component	Desktop Recommendations	Laptop Recommendations
OS	Mojave (10.14)	Mojave (10.14)
CPU	Intel Core i5	Intel Core i5
RAM	8 GB	8 GB
Hard Drive	250GB SSD	250GB SSD

### **More Information**

Optionally, Mac users may purchase the Apple branded USB-C to ethernet adapters. Student Mac users should 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](http://laptop.clemson.edu) to view current hardware recommendations.

### **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. Most mobile devices should NOT be considered a primary computer replacement. Low powered devices should be limited to running low

resource functions such as web applications, simple word processing, and general email viewing. See minimum hardware recommendations above. Visit <http://www.clemson.edu/mobile> to get Clemson's official mobile app my.Clemson and learn more about mobile computing on campus.

## 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 Papercut 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. [Click here for information on Papercut.](#)

## 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
- Read & Write Gold
- AutoCAD
- Maple
- Matlab
- SolidWorks
- Adobe Creative Cloud

For a complete list of software available, [please check our software page.](#)

For a list of software already installed in CCIT's public labs, [please check our lab website.](#)

Online URL: <https://hdkb.clemson.edu/phpkb/article.php?id=1702>