

## TECHNOLOGY REQUIREMENTS: HARDWARE, SOFTWARE AND INTERNET

All students are required to have a **laptop computer** meeting or exceeding the below requirements. Tablet devices, such as iPad, iPad Pro, Android, Amazon Fire, Chromebook, etc. are **not** sufficient to support all activities within distance programs. Any additional program-specific software requirements are listed in course syllabi.

### Examples of Laptop Computers



PC laptop



PC 2-in-1



Surface Pro with keyboard



MacBook laptop

FEATURE	REQUIRED	RECOMMENDED
<b>Operating system</b>	Windows: 7 Mac: Yosemite	Windows: 8.1, 10 Mac: El Capitan, Sierra
<b>Display</b>	11.6"	12" or higher
<b>Processor</b>	Intel i-Series i3 or equivalent (Windows/Mac)	Intel Core i5 or higher or equivalent (Windows/Mac)
<b>Memory (RAM)</b>	4 GB	8 GB or higher
<b>Hard drive</b>	250 GB	500 GB or higher
<b>Camera, speakers, microphone</b>	Internal	
<b>Inking</b>	Integrated Active Digital Stylus or external device/eWriter	
<b>Headset/ear buds</b>	With built in microphone	
<b>Internet speed</b>	3 Mbps upload/3 Mbps download	
<b>Office 365</b>	Free for all students	
<b>Browsers</b>	Latest version of: <ul style="list-style-type: none"> <li>Internet Explorer/Edge (PC only)</li> <li>Safari (Mac only)</li> <li>Google Chrome: <a href="https://www.google.com/chrome">https://www.google.com/chrome</a></li> <li>Mozilla Firefox: <a href="http://www.mozilla.org/firefox">www.mozilla.org/firefox</a></li> </ul>	Students are highly encouraged to install Firefox and Chrome in addition to the installed browser.
<b>Plug-ins</b>	Latest version of: <ul style="list-style-type: none"> <li>Adobe Reader to view PDF files (PCs only): <a href="http://www.adobe.com">http://www.adobe.com</a></li> <li>Adobe Flash Player: <a href="http://www.adobe.com">http://www.adobe.com</a></li> <li>Java: <a href="http://java.com">http://java.com</a></li> </ul>	

## OFFICE 365

As part of Office 365, faculty, staff, and students receive five (5) free copies of Office 365 to install on personally owned computers and devices. To access the download, sign in at <http://office365.creighton.edu> using your netID@creighton.edu (i.e. abc12345@creighton.edu) and your Blue password. Click on “Install Office 2016” button. This will locally install Word, Excel, PowerPoint, Outlook, and other Office 365 apps – a great benefit as you will not have purchase Microsoft Office.

- Office Online: The latest versions of Microsoft Word, Excel, Access, PowerPoint, Outlook, OneNote, Publisher and Skype for Business.
- Installation on up to five PCs or Macs and Office apps on other mobile devices including Windows tablets and iPads
- 1 TB of OneDrive cloud storage

## INTERNET REQUIREMENTS

- All off-campus/distance students are required to purchase their own dedicated home high-speed Internet service at a **minimal required speed of 3 Mbps upload and 3 Mbps download** for viewing lecture captures, simultaneous screen sharing and video/audio conferencing. To test connectivity level, go to <http://speedtest.net> and run a test.

## INKING CAPABILITY REQUIREMENTS

- **All students in the SPAHP** campus and distance programs are required to adhere to the student technology requirements due to the robust use of learning technologies for both distance and campus students.
- All students in all SPAHP programs are required to have **digital inking capability**. Several models of Windows PCs have built-in inking capability; MacBooks do not. There is no requirement for an iPad. If you own an iPad, several apps are available which allow inking. Please note, you must be able to export/save the document as a .PDF or .docx in order to submit as an assignment.
- While Creighton endorses no particular eWriter brand over another, students have had success with the Wacom Intuos Draw (<http://www.wacom.com/en-us/products/pen-tablets/intuos>) or the Boogie Board Sync (<http://www.myboogieboard.com/ewriters/sync>) for adding inking capability to laptops that do not have built in or integrated inking.