Hardware Recommendations

PC

	Standard	Advanced
Operating System	Windows 7	Windows 7
Processor	3.16 GHz Core 2 Duo Intel E8500	3.3 GHz Core i5 or 3.4 GHz Core i7 Intel
RAM	3 or 4 GB	4 (if 32-bit OS) or 6+ (if 64-bit OS) GB
Hard Drive	500 GB	1 TB
Optical Drive	16x DVD+/-RW	16x DVD+/-RW
Network	10/100/1000 MB	10/100/1000
Wireless	802.11 a/g/n	802.11 a/g/n
Warranty	4-year basic limited warranty and 4-year NBD onsite service	4-year basic limited warranty and 4-year NBD onsite service

Mac

	Standard	Advanced
Operating System	OS X 10.9 (Mavericks)	OS X 10.9 (Mavericks)
Processor	3.06GHz Intel Core i3	2.80 Core i5 Intel Quad Core
RAM	4 GB	8 GB
Hard Drive	500 GB	1 TB
Optical Drive	8x DL SuperDrive	8x DL SuperDrive
Network	10/100/1000 MB	10/100/1000
Wireless	802.11 a/g/n	802.11 a/g/n
Warranty	3-year warranty	3 yr warranty

Network Recommendations

We highly recommend the use of a <u>wired internet connection</u> for viewing both recorded lectures and LIVE streams via an ethernet cable connected directly into your modem or router.

If you choose to view lecture captures or LIVE streams over Wi-Fi, we recommend using a modem and router capable of **802.11ac** wireless standards.

Various factors can affect the internet connection speed required to view lecture captures and/or LIVE streams in Echo360 *(video quality, camera motion, number of students watching, etc.)*. To avoid issues with signal degradation, or stuttering audio/video quality, we recommend an internet connection of:

- **4mbps** *(Recorded lectures)*
- **8mbps** *(Live streams)*

Recommended Browsers:

Echo360 is a web-based application, and as such, it does not have specific OS requirements. However, it does have certain browser requirements.

<u>Tested Browsers</u>

- **Google Chrome** *(most recent version)*

- **Firefox** *(most recent version)*

- **Safari 6+**

- **Internet Explorer 9** *(and higher)*

<u>Supported Browsers for LIVE streaming:</u>

Live streams are tested on, and supported for viewing on all the above-listed browsers. However Live streaming requires the use of the <u>Adobe Flash player</u>. Be sure your computer has the latest version of Adobe Flash installed.

Echo360 does support the use of iOS browsers for viewing Live streams. Be aware that iOS uses HLS instead of Adobe Flash for live streaming.

For questions, or assistance, please contact Sean Monnar, **(305)284-3801**, or email smonnar@law.miami.edu.