

Technology Requirements – 2020

The following hardware, accessories, and software are required for successful participation and completion of studio coursework in the Interior Architecture - Online program at Ohio University starting in the Fall semester of 2020.

Design professionals increasingly utilize technology to explore and create as part of the design process and as practicing professionals. The industry standard for interior design and architecture has traditionally been the PC but a Mac can also be used. Because not all industry-standard software used by design professionals is available on a Mac, those who chose to use a Mac will need to utilize Bootcamp on their Mac in order to download and run software.

Bootcamp is a boot utility which allows the user to essentially create a PC side to their Mac. When deciding on a platform, it is important to note:

- in a Bootcamp scenario, the computer must be restarted each time the user needs/wants to switch between the Mac side and the PC side (it is like having two different computers housed in one machine)
- If you choose a Mac, you will need to use Bootcamp to partition your hard drive and install Windows 10 on the PC side in order to download and use software
- More details about Bootcamp can be found at: <https://support.apple.com/en-us/HT201468>

There are several options when purchasing technology so be sure to select hardware that is compatible. The list below is meant as a guide, not as a definitive and specific list. For laptop purchases, the listed options represent optimal, minimum requirements for coursework performance. Purchasing greater system capabilities in any category is always an option, but anything below the minimum will compromise a system's performance given the coursework demands and may prevent the use of required software/software capabilities.

- I. Laptop
 - a. PC Option
 - i. Any of the current Bobcat Depot Lenovo models
 - b. Mac Option
 - i. suggested Bobcat Depot System F or G
 - ii. **you will also need to purchase Windows 10 and install via Bootcamp**

*If you currently have a computer, you will need to confirm that it is capable of running the software listed below. Minimum operating specs can be found at the links listed.

**If you choose to purchase a computer other than those suggested above, you will need to confirm that it is capable of running the software listed below. Minimum operating specs can be found at the links listed.

2. Peripherals and External Storage

- Mouse with scroll wheel
- Cloud storage is **free** to students via OneDrive once you have installed Office 365

3. Software

- Microsoft Office 365 – **free** to students via Ohio University Office of Information Technology

<https://www.ohio.edu/oit/device/software/licensed-software>

- Adobe Creative Cloud (install on PC side if using a Mac)
Applications: Acrobat, Photoshop, InDesign, and Illustrator

<https://www.ohio.edu/oit/device/software/licensed-software>

- SketchUp Pro (student pricing: \$55/one-year license)

<https://www.sketchup.com/plans-and-pricing-promo#for-higher-education>

- AutoCAD 2020 - *Windows version* (**free** educational version for students via AutoDesk)

<https://www.autodesk.com/education/free-software/featured>

- Revit 2020 – *only available as a Windows version* (**free** educational version for students via AutoDesk)

<https://www.autodesk.com/education/free-software/featured>

4. Digital Camera

Either a stand-alone digital camera or a camera function via cell phone.
(students will need the ability to capture good quality images)

5. Desktop Scanner or scanning capabilities.

Online education in Interior Architecture will require that students be able to scan their work for submission and review. Scanning allows for work to be captured accurately and, unlike a photograph, does not skew the image.

*Scanning apps are available for smart phones but most students find that scanning using a desktop flatbed scanner is faster, easier, and more efficient.

6. Desktop Printer or access to print on demand services

Student will have occasional need to print documents provide in courses to utilize in the completion of assignments.

7. External Monitor (Optional)

A 27” external monitor will expand the visual desktop to make detail work easier and more efficient. There are a number of high- quality monitors available. If you choose to purchase an external monitor, be sure to purchase the necessary cables/adaptors to work with the corresponding laptop.