



The College of Design requires all students to have a laptop to be able to do their work within their studio classes with the following **Minimum Requirements:**

- 64-bit Intel® Core i7 or i9, 2.2 GHz or greater speed
- 64-bit Microsoft® Windows 10 Pro or OS X v10.12 or later (NO Windows 8 or Home versions)
- 16GB of Ram or better. 32GB highly recommended
- 1TB Hard Drive or larger
- 1366×768 display resolution minimum
- Dedicated Graphics Card
- Wireless Network Card
- 2 Button Mouse with scroll wheel required, 3 Button Programmable Mouse preferred

Some Examples of current systems that will work for us:

- Apple Macbook Pro 15" Touch Bar, 2.6GHz 6-core 8th-generation Intel Core i7 processor, Radeon Pro 560X with 4GB of GDDR5 memory, 16GB 2400MHz DDR4 memory, 1TB SSD storage*
- MSI GT72VR Dominator Gaming Laptop - 17.3" Full HD IPS, Intel® Core™ i7-6700HQ, 2.60GHz, 16GB RAM, 128GB M.2 SATA + 1TB, NVIDIA GeForce® GTX1070, Windows 10 64-bit*
- ASUS ROG G752VS RB71 Gaming Laptop - Intel Core i7-6700HQ Quad-Core Processor, 2.6GHz, Win 10 Pro 64-bit, 16GB DDR4 RAM, 1TB HDD, 17.3" 1920 x 1080, NVIDIA GeForce GTX 1070 Graphics*

Macintosh vs. Windows: Many of our students and faculty are currently using Macintosh equipment due to virtually no malware issues. Either operating system will work for our program, we just have fewer issues and downtime from our Macs. Current Mac computers will run both the OSX & Windows Operating Systems and can be used in all of our classes. They can be configured to run Bootcamp but can be supplemented with the programs Parallels or VMware Fusion. Help with setting this up can be provided by our IT staff at the beginning of every semester. There are many online tutorials as well.

Other Equipment: A minimum 32GB flash drive or external hard drive is required. A separate backup hard drive is highly recommended to have and leave at your home. Please backup daily or weekly. A printer is recommended but not required as there are Black & White and Color printers available in most of the campus computing labs for a small printing fee. The Pence Hall Computing Lab is equipped with wide format plotters for studio printing projects. A large external monitor is also recommended but not required for home or studio use. Never keep your backup drive and your computer in your backpack or studio at the same time. Hard Drives can crash resulting in lost work, making data backup an essential practice. Students also have access to storage space on Microsoft and Google Cloud Drives.

Software we use: Please do not purchase software before checking with our IT staff or your Professors to get the best price. Many of these packages are available for free or reduced price through the University or the manufacturer. We currently use Microsoft Office, AutoDesk AutoCAD, AutoDesk Revit, Rhinoceros 3D, Adobe Photoshop, Adobe Illustrator, Adobe Acrobat, Adobe Indesign, and Google Sketchup. Other programs may be used in specific studios or by specific faculty members.

Useful Links:

- <http://design.uky.edu>
- <http://novedge.com>
- <http://www.sketcup.com>
- <http://download.uky.edu>

- <http://apple.com>
- <http://www.rhino3d.com>
- <http://www.adobe.com>
- <http://www.uky.edu/ebuy>

Before purchase, please email the specifications of the computer you are considering to our Director of IT **Joe Brewer** at joe.brewer@uky.edu for recommendations and consultation.