

SDSTATE INTERIOR DESIGN COMPUTER SPECIFICATIONS 2017-2018

Computers are dramatically affecting the way designers see and think about design. To address this issue, studios will address how technology impacts the design process.

The required design related software places very large demands on the hardware. Design illustrations can take many hours to completely render on the best computers. As students progress through the program, their resulting design illustrations become more complex and place further strains on aging hardware. As a result, the minimum requirements are based on recommendations of the most computer intensive software and looking to the future when students will be required to do more complex presentations when their computers are 3 years old.

HARDWARE	WINDOWS	MAC	APPROX. \$
CPU	Intel i5/i7 quad core 2.5Ghz processor (3.0+ Recommended)	Intel i5/i7 quad core 2.5Ghz processor (3.0+ Recommended, the faster the better)	\$2600-\$3000, depending on brand and upgrade options
DISPLAY	15" Full HD (1080p) Minimum	15" Full HD (1080p) Minimum	
RAM	16GB minimum	16GB minimum	
DISK STORAGE**	500 GB minimum (256+ GB SSD "Solid-State-Drive" Recommended)	500 GB minimum (256+ GB SSD "Solid-State-Drive" Recommended)	
OPTICAL DRIVE	DVD +/- R/RW or External (optional)	External Super Drive: DVD +/- R/RW (optional)	
VIDEO/GRAPHICS CARDS***	nVidia or AMD graphics Recommended * See below for Autodesk's website of recommended systems	nVidia or AMD based graphics card or the equivalent	
WARRANTY:	3-year extended warranty strongly recommended	3-Year Apple Care warranty strongly recommended	
EXTERNAL MOUSE	3-button scrolling wheel REQUIRED	3-button scrolling wheel REQUIRED	
EXTERNAL HARD DRIVE	500 GB external Hard Drive or cloud storage strongly recommended for file & system back-ups (sdsu.box.com with myspace credentials)	500 GB external Hard Drive or cloud storage strongly recommended for file & system back-ups (sdsu.box.com with myspace credentials)	
FLASH DRIVE	32GB flash drive required	32GB flash drive	
OPERATING SYSTEM	Windows 10 64-BIT	iOS 10.10 (Yosemite)	
*TO PURCHASE:	http://usa.autodesk.com/adsk/servlet/index?siteID=123112&id=16318527	www.apple.com	
<p>**Solid State Drives or SSD's are a newer technology that replace the standard HDD's or Hard Drive Disks. They are much faster than conventional HDDs and are far less likely to fail over time. Only in the last year have they been offered at 500 GB sizes and better. It is definitely worth the money to go with a 500 GB SSD over a 500 GB HDD. As a price-saving option you can purchase a 256 GB SSD for the base system, and then make sure your external HDD is large enough to make up the difference.</p>			
<p>***nVidia and AMD are the two primary graphics chipset producers in the industry. There are many different models of varying degrees of processing capability. Generally, a larger number is better, but anything equivalent to about a nVidia GeForce GT 750M or better should be sufficient. A better card will last longer into the future as they are not a component that is interchangeable later on. If you're having trouble deciding - there is a link to a chart that rates all the cards currently in the market by their performance. "Graphics Card Benchmark Chart" just to the side. The nVidia GT 750m has a score of 733. Any card that scores above this will be sufficient. Most laptops cards will end with an "M" denoting the mobile status of them.</p>			Graphics Card Benchmark Chart

If you have further technical questions, feel free to email rory.reid@sdsu.edu to make sure your computer will meet the requirements.

To facilitate student competency in top-rated software products demanded by industry professionals, SDSU requires students to purchase current versions of software packages from major companies such as Google, Autodesk, and Adobe. It is imperative that students have the required software packages purchased and properly installed PRIOR to their first day of studio in their second year of the program (FALL of 2nd year). Students with questions or concerns about this installation process should contact the SDSU Support Desk (see below for contact information).

SOFTWARE (STUDENT LICENSES)

BUSINESS	MICROSOFT OFFICE 2016 (FREE through SDSU - Jacks e-mail office 365 to access)	MICROSOFT OFFICE FOR MAC 2016 (FREE through SDSU - Jacks e-mail office 365 to access)	Typ. \$140
2D GRAPHICS	ADOBE CREATIVE CLOUD	ADOBE CREATIVE CLOUD	\$120/yr
CAD	AUTOCAD AND REVIT 2017	AUTOCAD AND REVIT 2017	\$0
3D MODELING	SKETCHUP PRO 2016	SKETCHUP PRO 2016	\$49/year
RENDERING	PODIUM V2+	PODIUM V2+	\$90
VIRUS			
VIRTUAL PC OS	n/a	Parallels Desktop 10 or 11	\$40
	n/a	Windows 10 64-bit	\$153.95
PDF Creator	CUTE PDF	Cute PDF	\$0.00

*Students planning to purchase a PC should select from one of the Autodesk pre-approved systems from Dell, HP, or Lenovo. In the Autodesk website listed, students can select use with Revit 2016, and OS Windows 8 for a list of approved hardware configurations.

**Students may be asked to purchase additional software in conjunction with representation electives. Any additional software purchases will be disclosed prior to students' class registration.

IMPORTANT NOTES:

- 1 The Interior Design program and the School of Design at SDSU prohibit the use of pirated software. Students who have pirated software on their computers will not be serviced and can be reported. Students are expected to maintain proof of ownership for all software, and will be expected to maintain a file cataloging of all software license numbers, serial numbers, etc.
- 2 Be advised that it takes 2-6 weeks for laptops with custom specifications to be received after purchase. Students should plan ahead accordingly to ensure their computer has been received, software loaded, and full functionality ensured prior to the first day on class in their second year.
- 3 Talk to the SDSU Bookstore or visit www.creationengine.com to purchase selected student software versions.
- 4 Direct sales of specific software packages may be required. See the following websites for information about those packages.
 ADOBE CC: ALL APPS - (\$19.99 mo.) - <https://creative.adobe.com/plans?promoid=NV3KR751&mv=other>
 AUTODESK REVIT: <http://www.autodesk.com/education/student-software>
 CUTE PDF: <http://www.cutepdf.com/Products/CutePDF/writer.asp>
- 5 Contact the Support Desk with any issues: sdsu.supportdesk@sdsu.edu or (605) 688-6776.