2023

Oklahoma State University

School of Architecture

The School of Architecture at OSU requires all architecture majors entering 1st year to purchase and operate a large laptop/notebook computer. It is required to have a high-quality screen, wireless capability, and loaded with specific software. It also needs to be remote-conferencing capable as in having a built-in camera and a microphone. The following specifications are the minimum required hardware and software for the 2023 academic year:

Please note that certain computer and software developers/ vendors offer packages at competitive prices. Compare prices, terms of use, and after-sale services before making any purchase. Individuals wishing to purchase and use Apple computers are advised that "Apple Macintosh computers are not recommended."

Processor
12th Generation Intel® Core™ i7-12700H Processor (E-cores up to 3.50 GHz P-cores up to 4.70 GHz)

Operating System
Genuine Microsoft Windows 11, Professional Edition with the most recent Service Packs

Memory
32 GB DDR5-4800MHz (SODIMM)

Display
15" or larger display with built-in camera/mic. FHD (1920 x 1080), IPS, Anti-Glare, Non-Touch, 45% NTSC, 300 nits, LED Backlight

Hard Drive
1 TB SSD M.2 2280 PCIe Gen4 TLC Opal

Graphics Card
NVIDIA GPU with at least 16GB video RAM, DirectX 11 capable with Shader Model 5

Wireless Card
Intel® Wi-Fi 6E AX211 2x2 AX vPro

Required Accessories
27" 2560 x 1440 resolution
Optical mouse.
High capacity USB memory stick with a USB hub
Color inkjet printer.

Required Software
- Microsoft Office* (latest version)
- Autodesk Revit** (latest version)
- Robert McNeel Rhino 6.0*
- Adobe Creative Cloud
- Anti virus/internet security

*Currently available at no charge for OSU students and Staff.
**May be downloaded at no charge from Autodesk with an academic proof.