

# COMMUNICATION & INDUSTRIAL DESIGN GENERAL COMPUTER REQUIREMENTS

REVISED 7/2020

Each student enrolling in any 300-level or greater Communication Design or Industrial Design courses will be required to have a personal laptop computer and purchase or subscribe to software listed below.

Please note that any specific course may require the use of additional software and/or hardware and those specifications should be listed in that course syllabus.

## HARDWARE REQUIREMENTS

### MacBook Pro

- multi-core processor with 64-bit support
- minimum 16 GB of RAM (*32 GB or more is recommended*)
- macOS version 10.13.6 or later
- discrete (dedicated) GPU from either AMD or NVIDIA with minimum of 4 GB VRAM (*avoid integrated GPUs*)
- minimum 500 GB SSD hard drive
- at least one Thunderbolt 3 or Thunderbolt 4 port
- Wi-Fi 5 (802.11ac) wireless network card or better

*NOTE: Any new 16-inch MacBook Pro currently listed on [apple.com/us-hed/shop](https://apple.com/us-hed/shop) will meet the above requirements.*

**OR**

### Windows PC Laptop

- multi-core processor with 64-bit support
- minimum 16 GB of RAM (*32 GB or more is recommended*)
- Windows 10 (64-bit) version 1809 or later
- discrete (dedicated) GPU from either AMD or NVIDIA with minimum of 4 GB VRAM (*avoid integrated GPUs*)
- minimum 500 GB SSD hard drive
- at least one Thunderbolt 3 or Thunderbolt 4 port
- Wi-Fi 5 (802.11ac) wireless network card or better

*Additional Hardware Requirements for Industrial Design Courses*

**Digital Drawing Device** *with pressure sensitivity*  
examples include:

- Wacom Cintiq
- Wacom Intuos Pro
- Apple Pencil with compatible iPad Pro/iPad

## SOFTWARE REQUIREMENTS

**Adobe Creative Cloud** *all apps subscription*  
[adobe.com/students](https://adobe.com/students)

### Microsoft Office

[login.microsoftonline.com](https://login.microsoftonline.com)

*Login with SIU network ID and password then click*

*“Install Office” drop-down button and select “Office 365 Apps”*

*Additional Software Requirements for Industrial Design Courses*

### SOLIDWORKS

[solidworks.com/product/students](https://solidworks.com/product/students)

*Please note that SOLIDWORKS is only available to run on the Windows system — any student using a MacBook Pro will be required to use a dual boot or virtualization utility such as Bootcamp [support.apple.com/boot-camp](https://support.apple.com/boot-camp) or Parallels [parallels.com/landingpage/pd/education](https://parallels.com/landingpage/pd/education)*

### Autodesk SketchBook

[autodesk.com/education](https://autodesk.com/education)

**KeyShot** *recommended, not required*

[keyshot.com/education](https://keyshot.com/education)