COMMUNICATION & INDUSTRIAL DESIGN GENERAL COMPUTER REQUIREMENTS

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 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

SOFTWARE REQUIREMENTS

Adobe Creative Cloud all apps subscription
adobe.com/students

Microsoft Office
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

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 or Parallels parallels.com/landingpage/pd/education

Autodesk SketchBook
autodesk.com/education

KeyShot recommended, not required
keyshot.com/education

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