

## Minimum Technical Requirements (for students with existing hardware)

### macOS

	Minimum requirement
<b>Processor</b>	MacBook Pro (15-inch, 2016), MacBook Pro 13/Air (M1, 2020), iMac (27-inch, Late 2014), iMac (21.5-inch, 2017), Mac Pro (Late 2013) or better
<b>Operating system</b>	macOS 11 (Big Sur) or later
<b>RAM</b>	16 GB of RAM or more
<b>Graphics card</b>	2 GB of GPU VRAM or more
<b>Hard disk space</b>	100 GB or more available (512 Gb drive size recommended)
<b>Monitor resolution</b>	1920 x 1080 display or better
<b>Internet</b>	An internet connection that can effectively provide this speed for <b>your device</b> at all times: 10 Mbps Download   3 Mbps Upload   Unlimited Usage
<b>Additional Hardware</b>	Webcam, Microphone, Headphones
<b>Important Notes</b>	OpenGL 4.1 capable & macOS Metal GPUFamily1 v3+

### Windows

	Minimum requirement
<b>Processor</b>	Intel Core i5-4590, Intel Xeon E5-2630, AMD A8, FX-8350, Ryzen 5 1500X or better
<b>Operating system</b>	Microsoft Windows 10 - October 2020 update (64-bit) version V20H2 or later
<b>RAM</b>	16 GB of RAM or more
<b>Graphics card</b>	NVIDIA GeForce GTX 970 or better AMD Radeon R9 290 or better Intel HD Graphics 4000 or better Quadro 4000 or discrete card with min 2 GB of GPU VRAM
<b>Hard disk space</b>	100 GB or more available (512 Gb drive size recommended)
<b>Monitor resolution</b>	1920 x 1080 display or better
<b>Internet</b>	An internet connection that can effectively provide this speed for <b>your device</b> at all times: 10 Mbps Download   3 Mbps Upload   Unlimited Usage
<b>Additional Hardware</b>	Webcam, Microphone, Headphones
<b>Important Notes</b>	OpenGL 4.1 capable system

## Recommended Technical Requirements (for Students purchasing new hardware)

### macOS

	Recommended requirement
<b>Processor</b>	M1 Pro / M2 or higher (GPU is integrated)
<b>Operating system</b>	macOS 12 (Monterey) or higher
<b>RAM</b>	32 GB of RAM or more
<b>Hard disk space</b>	100 GB or more available, Fast storage i.e. SSD, M.2 drive (Recommended 1Tb drive size)
<b>Monitor resolution</b>	1920 by 1080 or better, 60Hz refresh or better
<b>Internet</b>	An internet connection that can effectively provide this speed for <b>your device</b> at all times: 10 Mbps Download   3 Mbps Upload   Unlimited Usage
<b>Additional Hardware</b>	Webcam, Microphone, Headphones, USB 3.0 port or USB-C port with adapter
<b>Important Notes</b>	Sheridan provides 1Tb of Microsoft Onedrive on-line storage. Students should keep two copies of every file they create. The copy could be on the cloud or other off-computer external storage such as a USB key or an external hard drive.

### Windows

	Recommended requirement
<b>Processor</b>	Intel Core i7-2700K or better, AMD Ryzen 3000/Threadripper 2000 or better
<b>Operating system</b>	Microsoft Windows 10 - October 2020 update (64-bit) version V20H2 or later
<b>RAM</b>	32 GB of RAM or more
<b>Graphics card</b>	NVidia GTX 1060, AMD Radeon RX 480 or better with min 4GB of GPU VRAM (6GB for 4K)
<b>Hard disk space</b>	100 GB or more available, Fast storage i.e. SSD, M.2 drive (Recommended 1Tb drive size)
<b>Monitor resolution</b>	1920 by 1080 or better, 60Hz refresh or better
<b>OpenGL</b>	OpenGL 4.1 capable
<b>Internet</b>	An internet connection that can effectively provide this speed for <b>your device</b> at all times: 10 Mbps Download   3 Mbps Upload   Unlimited Usage
<b>Additional Hardware</b>	Webcam, Microphone, Headphones, USB 3.0 port or USB-C port with adapter
<b>Important Notes</b>	Sheridan provides 1Tb of Microsoft Onedrive on-line storage. Students should keep two copies of every file they create. The copy could be on the cloud or other off-computer external storage such as a USB key or an external hard drive.