Students in the Graphic Communications program at LCSC are *required* to have their own laptop computers. The minimum and recommended specifications for macOS and Windows-based computers are listed below.

macOS

	Minimum specifications	Recommended specifications
Processor	Intel® Intel 6th Gen or newer CPU	Intel® Intel 6th Gen or newer CPU
Operating system	macOS v10.12 or later (v10.13 or later required for hardware-acceleration)	macOS v10.12 or later (v10.13 or later required for hardware-acceleration)
RAM	8 GB of RAM	• 16 GB of RAM for HD media • 32 GB for 4K media or higher
GPU	2 GB of GPU VRAM	4 GB of GPU VRAM
Hard disk space	• 8 GB of available hard-disk space for installation; additional free space required during installation (will not install on a volume that uses a case sensitive file system or on removable flash storage devices). • Additional high-speed drive for media	• Fast internal SSD for app installation and cache • Additional high-speed drive(s) for media
Monitor resolution	1280 x 800	1920 x 1080 or greater
Network storage connection	1 Gigabit Ethernet (HD only)	10 Gigabit ethernet for 4K shared network workflow
Internet	Internet connection and registration are necessary for required software activation, validation of subscriptions, and access to online services.*	
More system requirements	• VR system requirements • Hardware acceleration system requirements • Recommended graphics cards for Adobe Premiere Pro CC	

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Windows

	Minimum specifications	Recommended specifications
Processor	Intel® Intel 6thGen or newer CPU – or AMD equivalent	Intel® Intel 6thGen or newer CPU – or AMD equivalent
Operating system	Microsoft Windows 10 (64-bit) version 1703 or later	Microsoft Windows 10 (64-bit) version 1703 or later
RAM	8 GB of RAM	• 16 GB of RAM for HD media • 32 GB for 4K media or higher
GPU	2 GB of GPU VRAM For a list of recommended graphic cards, see Recommended graphics cards for Adobe Premiere Pro CC.	4 GB of GPU VRAM For a list of recommended graphic cards, see Recommended graphics cards for Adobe Premiere Pro CC.
Hard disk space	• 8 GB of available hard-disk space for installation; additional free space required during installation (will not install on removable flash storage) • Additional high-speed drive for media	• Fast internal SSD for app installation and cache • Additional high-speed drive(s) for media
Monitor resolution	1280 x 800	1920 x 1080 or greater
Sound card	ASIO compatible or Microsoft Windows Driver Model	ASIO compatible or Microsoft Windows Driver Model
Network storage connection	1 Gigabit Ethernet (HD only)	10 Gigabit ethernet for 4K shared network workflow
Internet	Internet connection and registration are necessary for required software activation, validation of subscriptions, and access to online services.*	
More system requirements	• VR system requirements • Hardware acceleration system requirements • Recommended graphics cards for Adobe Premiere Pro CC	