

Computing Hardware Standards/Recommendations for Students

2022 -2023

	All Majors excluding Architecture, Engineering, and Graphic Design		Engineering and Computer Science*	Construction Management*	Architecture*		Graphic Design	Higher-End Computing, Gaming and/or Streaming Video
<b>Operating System</b>	Windows 11	Apple	Windows 11	Windows 11	Windows 11	Apple	Apple	Windows 11
<b>Processor</b>	Intel core i5 processor or better	Apple M1 Pro 8-Core CPU	Intel core i5 processor or better	Intel core i7 processor 10th generation or better. <b>Apple or Chromebooks will not be allowed.</b>	Intel core i7 processor 10th generation or better	Apple M1 Pro 8-Core CPU, 14-Core GPU. <b>Apple no longer includes Boot Camp or supports Windows-only software.</b>	Apple M1 Pro 10-Core CPU, 16-Core GPU	12th Gen Intel Core i7 processor (12-Core, 25MB Cache, 3.6GHz to 4.9GHz)
<b>Memory (RAM)</b>	8GB RAM	8GB RAM	16GB RAM	16GB RAM	16GB RAM	16GB RAM	16GB RAM	32GB RAM
<b>Hard Drive Size</b>	512GB SSD storage	512GB SSD storage	512GB SSD storage	512GB SSD storage	1TB SSD storage	1TB SSD storage	512GB SSD storage	1TB PCIe M.2 SSD
<b>Screen Size</b>	No minimum standard-Student preference	No minimum standard-Student preference	No minimum standard-Student preference	12.3" Minimum	No minimum standard-Student preference	No minimum standard-Student preference	16-inch Liquid Retina XDR display	No minimum standard-Student preference
<b>Network Card</b>	802.11ac/Wi-Fi 6	802.11ac/Wi-Fi 6	802.11ac/Wi-Fi 6	802.11ac/Wi-Fi 6	802.11ac/Wi-Fi 6	802.11ac/Wi-Fi 6	802.11ac/Wi-Fi 6	802.11ac/Wi-Fi 6
<b>Graphics</b>	4GB Graphics Memory	Intel Iris Plus Graphics	4GB Graphics Memory	4GB Graphics Memory	8GB Graphics Memory	Retina display	Liquid Retina XDR display	NVIDIA GeForce RTX 3080 10GB

*\*See Cummings School of Architecture Orientation Booklet for more detailed laptop and rCloud virtual desktop program information.*