GAME DESIGN
COMPUTER RECOMMENDATIONS

WINDOWS

GaIM Game Design Computer Recommendation		
Windows Based		
	Minimum**	**Recommended****
Processor	X64 architecture with SSE2 instruction set support, multi-core processor	X64 architecture with SSE2 instruction set support, i5 or faster recommended
Operating system	Microsoft Windows 10 (64-bit) version 1803 or later	Microsoft Windows 10 (64-bit) version 1809 or later
RAM	8 GB	16-32 GB
GPU	Windows: DX10, DX11, and DX12-capable GPUs	Nvidia RTX 2070 or later
Hard disk space	256GB SSD and 512GB secondary storage	512GB-1TB SSD (additional external media drive recommended)
Monitor resolution	1920 x 1080	2560 x 1440 or greater
Sound card	ASIO compatible or Microsoft Windows Driver Model	ASIO compatible or Microsoft Windows Driver Model
Network Card	Wireless or Wired 10/100 Megabit Ethernet	Wireless or 1 Gigabit Ethernet
Internet	High-speed Broadband Access	High-speed Broadband Access
Monitor size	17" or greater	25" or higher

MAC OS

GaIM Game Design Computer Recommendation		
MacOS Based		
	Minimum	**Recommended**
Processor	Intel® Core™2 Duo processor	Intel® Core™ i5 processor or faster recommended
Operating system	macOS v10.13 or later	macOS v10.13 or later
RAM	8 GB	16-32 GB
GPU	Metal-capable Intel and AMD GPUs, Nvidia GTX 1050 or better or equivalent. Discrete if using laptop	Metal-capable Intel and AMD GPUs, Nvidia GTX 2070 or better or equivalent
Hard disk space	256GB SSD and 512GB secondary storage	500GB-1TB SSD (additional external media drive recommended)
Monitor resolution	1920 x 1080	2560x1440 or greater
Internet	High-speed Broadband Access	High-speed Broadband Access
Monitor size	17" or greater	25" or higher

SMARTPHONE (FOR DIG4633C & DIG4720C)

Android	https://developers.google.com/ar/discover/supported-devices
IOS	AR requires an iOS or iPadOS device with iOS 11 and an A9 processor or later.

*just bare minimum to install and run the most intensive applications currently in the program.
**to run the most intensive applications comfortably.
 Note, these specifications were developed May 2020. Hardware specified beyond these recommendations increases lifespan of the equipment as specifications change.

**Nicholson School of
Communication and Media**
UCF