

Technical Information Sheet

Higher Certificate in Game Design and Production

Equipment Requirements



PC		
Operating System	Windows 10 or 11	
Processor	Minimum: Intel® 6th Gen or newer CPU – or AMD Ryzen™ 1000 Series or newer CPU Recommended: Intel® 7th Gen or newer CPU with Quick Sync – or AMD Ryzen™ 3000 Series / Threadripper 2000 series or newer CPU	
Display	Optimised for 1920 x 1080 or higher	
Memory	Minimum: 16GB Recommended: 32GB	
Video Card	Minimum NVIDIA 1060 Recommended: NVIDIA Geforce GTX 2080Ti	
Disk Space/Hard Drive	128GB for Software Minimum: 256GB HDD Recommended: 256GB SSD	
Other	USB 3.0 Port for ASIO-supported audio device	
Year 1 Semester 1		
Game Studies 1* Game Production 1* Scripting 1* Academic Literacy	Software:	
	• C# for Scripting • Adobe Creative Suite • Unity and Unreal Game Engine • Blender	
	Hardware:	
	3 Button Mouse	
Year 1 Semester 2		
UI Design Digital Imaging Game Studies 2* Game Production 2*	Software:	
	• C# for Scripting • Adobe Creative Suite • Unity and Unreal Game Engine • Blender	
	Hardware:	
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Drawing Tablet	Recommended: Wacom Tablet	
Year 2 Semester 1		
Scripting 2 Asset Design Media Studies: Introduction Creative Project	<i>All previously purchased software and hardware will be used to complete assessments for this semester.</i>	