

Module Specification

Module Summary Information

1	Module Title	Video Production Technology
2	Module Credits	20
3	Module Level	5
4	Module Code	DIG5121

5	Module Overview
<p>You will develop expertise in the capture and manipulation of audio/video data through practical experimentation. A sound understanding of technical concepts will be required in order to deliver realistic solutions to a broad range of real-world problems that you will encounter.</p> <p>This module forms a core part of the production element of the course, providing the knowledge related to the production of video artefacts, focusing on planning, video production, post production, and video compression.</p> <p>The skills developed here will allow you to work with audio and video content throughout the course.</p>	

6	Indicative Content
<p>Video pre-production Conveying ideas through writing. Presenting formal pre-production documentation. Demonstrating technical knowledge through planning.</p> <p>Video conventions Framing conventions and creative techniques.</p> <p>Camera operation Operating cameras in manual operation. White balancing, manual focusing, depth of field and aperture/iris settings.</p> <p>Sound recording Use, application and placement of microphones, managing audio levels, syncing and dubbing.</p> <p>Lighting techniques Three point lighting, colour temperature, gels and filters, creative use of lighting. Safe setup and operation of lighting.</p>	

7	Module Learning Outcomes	
	On successful completion of the module, students will be able to:	
	1	Assemble documentation appropriate for the different stages of video production.
	2	Apply knowledge in fundamental audio video capture technologies.
	3	Manage, edit and select appropriate compression techniques through industry standard packages.
	4	Analyse the video pipeline, reflecting on key technical constraints in relation to your own work.

8	Module Assessment		
Learning Outcome			
	Coursework	Exam	In-Person
1			X
2-4	X		

9	Breakdown Learning and Teaching Activities	
Learning Activities	Hours	
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	48	
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	36	
Private Study (PS) includes preparation for exams	116	
Total Study Hours:	200	