

Short Title:	Digital Video Techniques APPROVED
Full Title:	Digital Video Techniques
Module Code:	DMED H2033
ECTS credits:	5
NFQ Level:	6
Module Delivered in	2 programme(s)
Module Contributor:	Sinead Curran
Module Description:	<p>This module aims to provide students with an in-depth understanding of practical digital video concepts and will introduce students to the non-linear digital video editing. Students will gain the skills required to explore concepts and express ideas through digital video and will develop a knowledge of the use of digital video within tools necessary for narration, audio, lighting and scene setup. The module will cover the basic principles behind digital video production as it applies to DSLR. Basic DSLR video capture concepts such as exposure (Aperture, Shutter, ISO), white balance, stabilization, and how each of these concepts should be taken into consideration depending on the subject matter and lighting conditions. Different video capture techniques such as shooting an interview/drama scene/ narrative/report/documentary cutaways. Students will also be introduced to the history and practical issues surrounding film/video capture and composition. Basic editing workflow, exporting the video into a logical sequence of events using the latest software. Work in a small team to original and prepare a report/drama scene/interview.</p>
Learning Outcomes:	
<i>On successful completion of this module the learner will be able to</i>	
<ol style="list-style-type: none"> 1. Communicate ideas effectively through use of a storyboard and/or short script. 2. Utilise different types of synchronous and non-synchronous sound for video (including dialogue, sounds effects, natural sounds, music and voice-over). 3. Capture video, organize, edit and export video content into a logical flow of events. 4. Understand technical aspects of video capture including use of tripod for panning, tilting, rotating, use of dolly, lighting. 5. Apply the basic principles of digital video editing to timeline based projects . 	

Module Content & Assessment

Indicative Content
Historical and Contemporary Context Early filmmaking techniques. The development of filmmaking and its importance to society. Attend film screenings and galleries to enable students to situate their developing concepts.
Concept Development Generate ideas suitable for video execution and delivery. Utilise personal archive material such as stills, moving images, objects and found sounds.
Digital Video Production Process Explore the many roles in movie production
Shooting Techniques Establishing shot, long shot, medium shot, close up, POV, OTS. Tracking, dolly, pan, title and zoom shots. Overview of camera main components and controls. Tracking, dolly, pan, title and zoom shots. Overview of camera main components and controls.
Fundamentals of Video Editing Non-linear editing including inputting video clips, trimming. Marking, overwrite, drag-and-drop, sequencing clips, transitions. Creative possibilities of adding sound to a video project. Freeze Frames , Split Screens.
Media Management and Compression Managing projects and media files. Compression overview, conversion. Printing to video, exporting Quicktime movies for web/DVD/other.

Indicative Assessment Breakdown	%
Course Work Assessment %	100.00%

Course Work Assessment %				
<i>Assessment Type</i>	<i>Assessment Description</i>	<i>Outcome addressed</i>	<i>% of total</i>	<i>Assessment Date</i>
Lab work	Students will take footage, import, add/remove audio content. Typically students will setup and record a report/interview/short scene/voice over. Another lab might consist of working with existing stock footage provided and edit using a series of techniques learnt in class. A visual examination of technical camera work will also be given.	2,3,4,5	30.00	n/a
Project	Typically students might create a visual poem, short advert: Blend moving image, music and voiceover creating a short 1-2min quality production. A visual examination of how the camera Students might also tell a real story combining voiceover, interviews, own stills, archival footage and music.	1,3,5	40.00	n/a
Written Report	Students will be assessed on a review/critique of filmmaking techniques from an existing work.	4	10.00	n/a
Other	Students will utilize tools for planning a video based project, Storyboard, Moodboard. Generate a reflective report or journal explaining the production process, reasons for decisions made and recommended changes based on lessons learnt.	1,4	20.00	n/a

No Final Exam Assessment %

Indicative Reassessment Requirement
Coursework Only <i>This module is reassessed solely on the basis of re-submitted coursework. There is no repeat written examination.</i>
Reassessment Description Reassessment will require a submission of a project and a visual examination of camera production skills.

ITB reserves the right to alter the nature and timings of assessment

Indicative Module Workload & Resources

Resources

Recommended Book Resources

Anderson, Gary 1998, *Video Editing and Post Production: A professional Guide*, Butterworth Heinmann,

Gael Chandler 2012, *Cut by Cut, 2nd edition*, 2nd Ed., Michael Wiese Productions [ISBN: 1615930906]

Jennifer Van Sijll 2005, *Cinematic Storytelling*, Michael Wiese Productions [ISBN: 193290705X]

Steven E. Brown 2013, *High Definition Post Production*, Focal Press

Supplementary Book Resources

by Steven D. Katz 2004, *Cinematic motion*, Michael Wiese Productions Studio City, CA [ISBN: 0941188906]

Mike Figgis 2007, *Digital filmmaking*, Faber and Faber New York [ISBN: 0571226256]

Alexander Mackendrick; edited by Paul Cronin; foreword by Martin Scorsese 2004, *On film-making*, Faber and Faber London [ISBN: 0571211259]

This module does not have any article/paper resources

Other Resources

Internet: 'Vimeo', www.vimeo.com

Internet: *Mubi*, www.mubi.com

Internet: *Universal Soundbank*, www.universalsoundbank.com

Internet: *Ubu*, www.ubuweb.com

Internet: *Final Cut Pro*, www.apple.com/finalcutpro/

Module Delivered in

Programme Code	Programme	Semester	Delivery
BN_DDMED_8	Bachelor of Arts (Honours) in Creative Digital Media [240 ECTS credits]	3	Mandatory
BN_DDMED_7	Bachelor of Arts in Creative Digital Media [180 ECTS credits]	3	Mandatory