

DEREE COLLEGE SYLLABUS FOR: CIN31XX Digital Compositing and Editing

3/0/3
UK LEVEL 5
UK CREDITS 15

PREREQUISITES:	CN 2005 Introduction to Digital Video								
CATALOG DESCRIPTION:	Principles of layer-based compositing and non-linear editing for the completion of video work.								
RATIONALE:	The course familiarizes students with postproduction skills, specifically compositing and editing, which are necessary in completing video work. This kind of training expands their creative and visual skills and helps them become proficient through work completed in standard postproduction software.								
LEARNING OUTCOMES:	<ol style="list-style-type: none"> 1. Utilize digital editing tools for the completion of video work 2. Apply compositing techniques for the completion of video work. 3. Evaluate editing and compositing problems and apply appropriate solutions. 								
METHOD OF TEACHING AND LEARNING:	<p>In congruence with the teaching and learning strategy of the college, the following tools are used:</p> <ul style="list-style-type: none"> • Classes consist of lectures, class discussions, video screenings, lab work. • Office Hours: Students are encouraged to make full use of the office hours of their instructor, where they can ask questions and go over lecture material. • Use of a Blackboard site, where instructors post lecture notes, assignment instructions, timely announcements, as well as additional resources. 								
ASSESSMENT:	<p>Summative:</p> <table border="1" style="width: 100%;"> <tr> <td>Compositing shots video work (50-150 frames length)</td> <td style="text-align: center;">40%</td> </tr> <tr> <td>Portfolio of student work</td> <td style="text-align: center;">10%</td> </tr> <tr> <td>Final Video Project (showreel) (2-3 min).</td> <td style="text-align: center;">50%</td> </tr> </table> <p>Formative:</p> <table border="1" style="width: 100%;"> <tr> <td>In-class editing and video work</td> <td style="text-align: center;">0</td> </tr> </table>	Compositing shots video work (50-150 frames length)	40%	Portfolio of student work	10%	Final Video Project (showreel) (2-3 min).	50%	In-class editing and video work	0
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	<p>The formative assessment aims to prepare students for all summative assessments</p> <p>The first assessment tests Learning Outcomes 1 and 3 The second assessment tests Learning Outcomes 1, 2 and 3 The third assessment tests Learning Outcomes 1, 2 and 3</p>
<p>INDICATIVE READING:</p>	<p>REQUIRED READING:</p> <p>Wright, Steve. 2017. Digital Compositing for Film and Video: Production Workflows and Techniques; Routledge.</p> <p>RECOMMENDED READING:</p> <p>Bratt, Benjamin. 2011. Rotoscoping: Techniques and Tools for the Aspiring Artist; Focal Press.</p> <p>Brinkman, Ron. 2008. The Art and Science of Digital Compositing: Techniques for Visual Effects, Animation and Motion Graphics; Morgan Kaufmann Series.</p> <p>Fridsman, Lisa and Gyncild, Brie. 2018. Adobe After Effects CC Classroom in a Book</p> <p>Frierson, Michael. 2018. Film and Video Editing Theory; Routledge.</p> <p>Goold, Aaron. 2017. The Video Editing Handbook; Independently published</p> <p>Jago, Maxim. 2019. Adobe Premiere Pro CC Classroom in a Book</p> <p>Murch, Walter and Coppola, F.F. 2001. In the Blink of an Eye: A Perspective on Film Editing; Silman-James Press</p> <p>Keil, Charlie, Whissel, Kristen. 2016. Editing and Special/Visual Effects: Behind the Silver Screen: A Modern History of Filmmaking; I.B. Tauris</p>
<p>INDICATIVE MATERIAL: <i>(e.g. audiovisual, digital material, etc.)</i></p>	<p>REQUIRED MATERIAL:</p> <p>RECOMMENDED MATERIAL: Zettl's Videolab 3.0 interactive DVD ROM,copyright free footage.</p>
<p>COMMUNICATION REQUIREMENTS:</p>	
<p>SOFTWARE REQUIREMENTS:</p>	<p>Adobe editing suite</p>
<p>WWW RESOURCES:</p>	<p>www.Lynda.com www.imdb.com</p>
<p>INDICATIVE CONTENT:</p>	<p>1. Fundamentals of Compositing</p>

- 1.1 Intro to VFX
- 1.2 What is Compositing?
- 1.3 Basic concepts Color and Composition
- 1.4 The digital era

2. Fundamentals of Editing.
 - 2.1 Shot composition
 - 2.2 Continuity editing
 - 2.3 Timing
 - 2.4 The jump cut.

3. Non-linear video editing software practice.
 - 3.1 Editing software (UI).
 - 3.2 Import Media & organizing assets.
 - 3.3 Intermediate video editing Tools
 - 3.4 Creating a sequence (film or animation)
 - 3.5 Audio editing
 - 3.6 Working with effects
 - 3.7 Color Correction
 - 3.8 Working with Titles
 - 3.9 Producing a Showreel (edit VFX shots)
 - 4.0 Exporting for the disk/web

4. Layer based Compositing.
 - 4.1 Overview of compositing software
 - 4.2 Dynamic link with Premiere
 - 4.3 Rotoscoping & Masks
 - 4.4 Chroma keying
 - 4.5 Motion Tracking
 - 4.6 Atmospherics
 - 4.7 Image Integration
 - 4.8 Exporting / Rendering