



UNIVERSITI TEKNOLOGI MARA

ADE479: CHROMATIC COMPOSITING

Course Name (English)	CHROMATIC COMPOSITING APPROVED
Course Code	ADE479
MQF Credit	3
Course Description	Chromatic compositing also referred to as 'Chroma Key Compositing' or 'Chroma Keying', is an essential part of visual effects and digital compositing. It is a process by which a specific colour is removed from an image, allowing that portion of the image to be replaced. This colour can be any solid colour, most commonly blue or green. Chromatic compositing plays a key role in visual effects by combining all various elements and blends them together artistically into a seamless, photorealistic whole.
Transferable Skills	Digital skills, compositing skills and interpersonal skills.
Teaching Methodologies	Demonstrations, Problem Based Learning (PBL), Collaborative Learning
CLO	CLO1 Apply design abilities in making digital solutions. (LOD6, C3) CLO2 Display accurate compositing techniques in chromatic compositing project. (LOD3, P4) CLO3 Propose idea and solution in chromatic compositing project. (LOD4, A3)
Pre-Requisite Courses	No course recommendations
Topics	
1. 1. Introduction to Visual Effects (VFX) and Digital Compositing 1.1) N/A	
2. 2. History of Chroma Keying 2.1) N/A	
3. 3. What is Chroma Keying and how to use it 3.1) N/A	
4. 4. Purpose of Chroma Keying 4.1) N/A	
5. 5. Blue and Greenscreen Chroma Keying 5.1) N/A	
6. 6. Planning for Green Screen Shoot 6.1) N/A	
7. 7. Lighting Set up for Green Screen Shoot 7.1) N/A	
8. 8. Shooting a Green Screen Scene 8.1) N/A	
9. 9. Post-Production: Keying 9.1) N/A	
10. 10. Working with softwares 10.1) N/A	

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Case Study	Case study of relevant topics of chromatic compositing.	30%	CLO1
	Group Project	Develop chromatic compositing project of related topics through a group work.	40%	CLO3
	Individual Project	Develop chromatic compositing project of related topics individually.	30%	CLO2

Reading List	Recommended Text
	<ul style="list-style-type: none"> • Chris Roda 2022, <i>Real Time Visual Effects for the Technical Artist</i>, CRC Press [ISBN: 9780367860127] • Steve Wright 2017, <i>Digital Compositing for Film and Video</i>, Routledge [ISBN: 9781138240360] • Eran Dinur 2017, <i>The Filmmaker's Guide to Visual Effects</i>, Focal Press [ISBN: 9781138701434] • Lee Lanier 2016, <i>Digital Compositing with Blackmagic Design Fusion</i>, Focal Press [ISBN: 9781138668270] • Heather Freeman 2015, <i>The Moving Image Workshop</i>, Bloomsbury Publishing [ISBN: 9781472572004]

Article/Paper List	This Course does not have any article/paper resources
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Other References	This Course does not have any other resources
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