



UNIVERSITI TEKNOLOGI MARA

CPM462: CREATIVE STUDIO LIGHTING

Course Name (English)	CREATIVE STUDIO LIGHTING APPROVED
Course Code	CPM462
MQF Credit	3
Course Description	This course is dedicated in the operation and application of creative studio lighting techniques. Beginning with basic fundamental skills designed to teach students to accurately manipulate lighting characteristic creatively. In order to get satisfactory results, students will train on the use of studio equipment, accessories functions, exposure & tonality control, basic portraiture & product lighting, background control and basic special effects.
Transferable Skills	Demonstrate professional skills, knowledge and competencies.
Teaching Methodologies	Lectures, Demonstrations, Practical Classes, Tutorial, Presentation
CLO	CLO1 Solve visual issues and problems related to creative studio lighting. CLO2 Display the proper skills and techniques in creative studio lighting. CLO3 Study certain issues and explore new information on creative studio lighting.
Pre-Requisite Courses	No course recommendations
Topics	
1. The Studio 1.1) Basic studio. 1.2) Safety issues 1.3) Types of light. 1.4) Lighting Accessories/Modifiers. 1.5) Light Meter	
2. Quality of Light and Light Directions 2.1) Hard light / Soft light. 2.2) Light modifiers effect on subject matter. 2.3) Inverse square law. 2.4) Lighting directions (front, quarter, side, back, top, background). 2.5) Single lighting / Low-key lighting 2.6) Two light set-up (ratio).	
3. Basic Lighting For Portraiture 3.1) Butterfly / Paramount lighting. 3.2) Rembrandt lighting. 3.3) Broad lighting. 3.4) Short lighting.	
4. First Assessment 4.1) Presentation. 4.2) Technical efficiency. 4.3) Understanding lighting values. 4.4) Ability to control light.	
5. Three Light Set-up 5.1) Techniques for shooting three light set-ups. 5.2) Equipment and accessories needed. 5.3) Lighting positioning and arrangements. 5.4) High-key lighting 5.5) Light blocker uses and functions.	

<p>6. Lighting for Translucent and Reflective Objects</p> <p>6.1) Techniques for shooting translucent objects. 6.2) Techniques for shooting reflective objects. 6.3) Equipment and accessories needed. 6.4) Lighting positioning.</p>
<p>7. Second Assessment</p> <p>7.1) Presentation. 7.2) Technical efficiency. 7.3) Understanding lighting values. 7.4) Ability to control light.</p>
<p>8. Creative Background Lighting</p> <p>8.1) Graduated background. 8.2) Hot-spot background. 8.3) Multi-colour. 8.4) Using colour gels. 8.5) Gobo's</p>
<p>9. Using Speedlights</p> <p>9.1) Mixing electronic flash with available light. 9.2) Using speedlights. 9.3) Speedlight accessories. 9.4) Mixing speedlights with electronic flashes.</p>
<p>10. Third Assessment</p> <p>10.1) Presentation. 10.2) Technical efficiency. 10.3) Understanding lighting values. 10.4) Ability to control light.</p>
<p>11. Mix Lighting</p> <p>11.1) Using flash outdoors. 11.2) Mixing electronic flash with available light. 11.3) Off camera flash settings.</p>
<p>12. Special Effect Lighting And Arrangements</p> <p>12.1) Blurred motion effect. 12.2) Multiple flash /exposure. 12.3) Light painting 12.4) Rear/front curtain sync flash. 12.5) Freeze movement using flash.</p>
<p>13. Fourth Assessment (Final Discussion)</p> <p>13.1) Presentation 13.2) Technical efficiency. 13.3) Understanding lighting values. 13.4) Ability to control light. 13.5) 13.6) Final Discussion and Work Preparations 13.7) Preparations for work submission. 13.8) Photobook/album preparation. 13.9) Mounting and framing. 13.10) Displaying artwork method.</p>
<p>14. Final Work Submission</p> <p>14.1) One to one evaluation.</p>

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Presentation on the ideas and self – exploration, findings in creative studio lighting related to information management and lifelong learning.	20%	CLO3
	Assignment	Critical analysis and research on current issues and trends require student to select appropriate techniques, materials and technology which contributes to attribute of 'problem solving & scientific skills'.	40%	CLO1
	Assignment	Studio exercises to show creative studio lighting skills.	40%	CLO2

Reading List	Recommended Text	<ul style="list-style-type: none"> • Davis. B 2010, <i>Lights, Camera, Capture. Creative Lighting Techniques for Digital Photographers</i>, Wiley Publishing Inc. • Christopher. G 2010, <i>Studio Lighting Techniques for Photography</i>, Amherst Media New York • Rod D., Robin D. 2010, <i>Off-Camera Flash Creative Techniques for Digital Photographers.</i>, Amherst Media Inc New York • Praker, David 2013, <i>Lighting</i>, Wiley Publishing Inc • Scott, Grant 2016, <i>The essential student guide to professional photography</i>
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	