



UNIVERSITI TEKNOLOGI MARA

CTT543: LIGHTING DESIGN

Course Name (English)	LIGHTING DESIGN APPROVED
Course Code	CTT543
MQF Credit	3
Course Description	This course is designed to help students in the theory, process, and techniques of lighting design. Topics will include: the principles and methodologies of lighting design, the development of a design concept, and script analysis from the designer's perspective, drafting and plotting techniques, colour, and effects, as well as making 3-D representations of lighting designs through lighting designer digital software. This course is intended to acquaint students with the elements of theatrical design and is particularly suited for those who have had some experience working in the theatre on or concert hall. Students will be informed about each area of theatre organisation and lighting design relationship including scenery; costume; sound; and properties, discuss the development of design concept in the context of production, and finally putting the design on the stage.
Transferable Skills	Demonstrate the ability to dream, imagine and visualize
Teaching Methodologies	Lectures, Blended Learning, Demonstrations, Practical Classes, Tutorial, Presentation, Workshop, Directed Self-learning
CLO	CLO1 Identify the various theatrical lighting styles and designing tools. CLO2 Formulate & understand the history, context and development of stage lighting design. CLO3 Demonstrate knowledge & understanding of stage lighting design.
Pre-Requisite Courses	No course recommendations
Topics	
1. Introduction to Lighting Design 1.1) History of Theatrical Lighting Design 1.2) What is Theatrical Lighting & Lighting Design? 1.3) Designers / Production Team 1.4) Role & Responsibility	
2. Creative Thinking 2.1) Element & Principles of Lighting Design 2.2) Art forms / styles, genre, design and 2.3) concepts	
3. Scene Design, Theatre Space & Technical 3.1) Types of theatre stage/space 3.2) Scenery's & Wardrobe form 3.3) Technical requirements	
4. Design Tools & Materials/The Design Process: 4.1) Script Analysis Technique 4.2) Research Methods	
5. Lighting Breakdown / Research and Idea Development 5.1) Ideas & Paperwork 5.2) Conceptual thinking through text / 5.3) lighting breakdown	
6. Idea Development & Analytical Thinking 6.1) Idea & concept 6.2) Sketches, photos & digital software	

7. Idea Development & Analytical Thinking 7.1) Idea & concept 7.2) Sketches, photos & digital software
8. Manual Drafting & Lighting Plan 8.1) Manual Drafting & Lighting Plan
9. Manual Drafting & Lighting Plan 9.1) Manual Drafting & Lighting Plan
10. Digital Software Drafting 10.1) Digital Software Drafting
11. Digital Software Lighting Plan(Demo) 11.1) Digital Software Lighting Plan(Demo)
12. Final Design 12.1) Final Design & Portfolio
13. Final Design 13.1) Final Design & Presentation

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	ASSIGNMENT 1 Lighting Breakdown	10%	CLO1 , CLO2
	Assignment	ASSIGNMENT 2 Lighting Paperworks/sheets	10%	CLO1 , CLO2
	Individual Project	ASSIGNMENT 4 Lighting Plan/Plot	10%	CLO1 , CLO2 , CLO3
	Individual Project	ASSIGNMENT 3 Text analysis and preparation of sample & materials, research, concept, sketches and idea development, problem solving and critique for the light designing process	30%	CLO2 , CLO3
	Presentation	Final Presentation	10%	CLO1 , CLO2 , CLO3
	Visual Assessment	Final Design/Plan	30%	CLO1 , CLO2 , CLO3

Reading List	<p>Recommended Text</p> <ul style="list-style-type: none"> • Richard Pilbrow; foreword by Harold Prince; with contributions by Dawn Chiang, John B. Read, and Robert Bryan; illustrations by Lucy Gaskell 1997, <i>Stage Lighting Design : The Art, The Craft, The Life</i>, By Design Press New York [ISBN: 0896762351] • Jonnie Patricia Mobley 1992, <i>NTC's dictionary of theatre and drama terms</i>, National Textbook Lincolnwood, Ill. [ISBN: 0844253332] • Fraser, Neil and Attenborough, Richard 2011, <i>Lighting Design: A Practical Guide.</i>, The Crowood Press Ltd. Wiltshire, UK • 1982, <i>Stage craft: the complete guide to theatrical practice</i>, Phaidon Oxford [ISBN: 0714826448] • J. Michael Gillette., <i>Theatrical Design and Production: An Introduction to Scene Design and Construction, Lighting, Sound, Costume, and Make-up</i>, New York; McGraw-Hill [ISBN: 0073382221] • Louis Shelley, Steven 2013, <i>A Practical Guide to Stage Lighting.</i>, Focal Press. London [ISBN: 0415812003] • J. Michael Gillette & Michael McNamara 2013, <i>Designing with Light: An Introduction to Stage Lighting</i>, McGraw-Hill USA [ISBN: 0073514233]
Article/Paper List	This Course does not have any article/paper resources
Other References	This Course does not have any other resources