

Essential Lighting - TPD

Module Information

2022.01, Approved

Summary Information

Module Code	4533TPR
Formal Module Title	Essential Lighting - TPD
Owning School	Liverpool Screen School
Career	Undergraduate
Credits	10
Academic level	FHEQ Level 4
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

Partner Teaching Institution

Institution Name
Liverpool Institute for Performing Arts

Learning Methods

Learning Method Type	Hours
Lecture	20
Practical	33
Workshop	30

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-PAR	PAR	September	28 Weeks

Aims and Outcomes

Aims	This module will introduce the students to the theory and practice of stage lighting, from design to rigging; first specifications to live show operation. The students will reaffirm their knowledge of safe working practice and be introduced to the professional standards of work required to gain and maintain employment as a lighting technician, as well as the different roles within a professional lighting crew, their responsibilities and how they relate to each other. We will examine the various types of creative and technical paperwork in detail, from lighting plots to lantern schedules. The module will also discuss, demonstrate and differentiate the main types of lighting instruments, their rigging, focussing and use, and the different means of control and operation in a live context.
------	--

After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Appreciate and articulate how lighting is developed throughout the rehearsal and production process, and employed most effectively to communicate to an audience.
MLO2	2	Question and implement current Health and Safety issues within the design and production of lighting for live performance.
MLO3	3	Discriminate and employ the technical, design and production tasks associated with lighting for live performance and the general skills and vocabulary such as designing, drafting, rigging, focusing, plotting and operating a lighting system.
MLO4	4	Evaluate the roles within a lighting team and how they collaborate together and with other departments, examining your own performance.

Module Content

Outline Syllabus	The module will cover the different types and uses of theatrical lanterns, highlighting the differences in form and function, and looking at where they may be most appropriately used. All generic lighting equipment in common use will be explained, and you will be given practical opportunities to familiarise the students with items such as gobos, irises, barn-doors, lighting stands, cables etc. Good working practice in the design, rigging, focusing and operation of a basic lighting rig, including health and safety considerations such as electrical safety (calculations & loading), loading and suspension considerations, the use of temporary stands and supplies, cabling and wiring, simple repair and maintenance. Different control mechanisms will be explained, from manual consoles to simple computer memory control desks, and the students will understand how to plot a series of cues with timings and effects. Relevant lighting paperwork will be explored, including lantern schedules, colour calls, hook-up sheets and lighting plans. The module will examine how the different roles within a lighting crew interrelate (lighting designer, lighting technician, lighting operator, chief electrician) and how these roles relate to the other production crew in rehearsal and performance. Intelligent lighting will be introduced, to show its similarities with generic fixtures, and its basic design and operation, but later modules will cover the integration of moving lights in much more detail
Module Overview	
Additional Information	Sofia Alexiadou is the Module Leader

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping

Portfolio	Continual Assessment	60	0	MLO1, MLO2, MLO3, MLO4
Reflection	Self-Evaluation	40	0	MLO1, MLO2, MLO3, MLO4

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
--------------	--------------------------	-----------

Partner Module Team

Contact Name	Applies to all offerings	Offerings
--------------	--------------------------	-----------