

Liverpool John Moores University

Title: ESSENTIAL LIGHTING
Status: Definitive
Code: **4512TPR** (116268)
Version Start Date: 01-08-2014

Owning School/Faculty: Liverpool Screen School
Teaching School/Faculty: Liverpool Institute for Performing Arts

Team	Leader
Mark Smith	Y

Academic Level: FHEQ4 **Credit Value:** 24.00 **Total Delivered Hours:** 39.00
Total Learning Hours: 240 **Private Study:** 201

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	6.000
Seminar	18.000
Workshop	15.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	PORTFOLIO	Portfolio	60.0	
Practice	CONTINUAL	Continual assessment	40.0	

Aims

This module will introduce students to the theory and practice of stage lighting, from design to rigging, first specifications to live show operation. It will encourage a critical, artistic and technical appreciation of the elements of a lighting design for live performance, and provide practical, technical experience and confidence for the production and performance environment.

Students will re-affirm 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 or designer. They will develop an understanding of the different roles, modes of communication and responsibilities within a professional lighting team.

Learning Outcomes

After completing the module the student should be able to:

- LO1 Appreciate and articulate how lighting is developed throughout the rehearsal and production process, and employed most effectively to communicate to an audience
- LO2 Question and implement current Health and Safety issues within the design and production of lighting for live performance
- LO3 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
- LO4 Communicate and express ideas and information articulately, creating the appropriate paperwork to present design ideas intelligently and intelligibly
- LO5 Evaluate the roles within a lighting team and how they collaborate together and with other departments, examining their own performance.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

PORTFOLIO	LO1	LO3	LO4
CONTINUAL ASSESSMENT	LO2	LO3	LO5

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 lighting equipment in common use will be explained, and students will be given practical opportunities to familiarise themselves with items such as gobos, irises, barn doors, lighting stands, cables etc

The use of lighting gels and colour theory in general will be detailed, to show the practical and artistic application of colour for performance, and how it relates to the overall design of a show.

Good working practice in the design, rigging, focusing and operation of a basic lighting rig, including health and safety considerations such as electrical safety, loading and suspension considerations, the use of temporary stands and supplies, cabling and wiring, simple repair and maintenance

Relevant lighting paperwork will be explored, from lantern schedules, colour calls, hook up sheets and lighting plans to cheat sheets, plot sheets, design storyboards and colour keys

The module will examine how the different roles within a lighting crew interrelate, and how these roles relate to the other production crew in rehearsal and performance

Learning Activities

The module will be delivered through two main strands of learning activity:

1 Seminars and workshops exploring the various activities related to the different roles within the lighting team. This will be undertaken in a studio environment and encourage teamwork as well as personal methods of practice.

2 An allocated role in an assistant lighting position within the LIPA production season. The student will be under the management of higher-level peers as well as the mentorship of staff supervision.

They will produce a portfolio of supporting paperwork, assessed tasks, a formal exam and self-evaluation.

Notes

Students will need to purchase drawing materials to produce scale diagrams, and whilst lighting stencils will be useful, they are not compulsory, as LIPA's LRC has a number available for short-term loan.

Students will need to provide appropriate footwear for practical tasks.