

Liverpool John Moores University

Title: Design and Construction Skills
Status: Definitive
Code: **4540TPR** (124073)
Version Start Date: 01-08-2021

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

Team	Leader
Mark Smith	

Academic Level: FHEQ4
Credit Value: 20
Total Delivered Hours: 148
Total Learning Hours: 200
Private Study: 52

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	12
Practical	120
Seminar	5
Tutorial	3
Workshop	8

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	-	Continual assessment and Presentation (Semester 1)	50	
Reflection	-	Continual assessment and Evaluation (Semester 2)	50	

Aims

This module aims to introduce students to a wide range of practical design and construction skills relating to set design and realisation. In addition to the development of technical skills, students will develop a firm knowledge and

understanding of the design and fabrication processes associated with live performance. The module furthermore aims to establish the role that scenic construction plays within the complete production process.

Learning Outcomes

After completing the module the student should be able to:

- 1 Develop, communicate and realise an idea following a given brief, distinguishing the appropriate methods and influences relevant for an effective concept.
- 2 Examine and develop a range of professional practical design, production and construction techniques and tools safely, competently and appropriately.
- 3 Work effectively within a group in the production of scenic elements with sensitivity, commitment, enthusiasm and team spirit.
- 4 Evaluate the production process in relation to workshop skills and the scenic workshop department and appraise their role in the production process.

Learning Outcomes of Assessments

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

Continual Assessment	1	2	3	4
Continual Assessment	2	3	4	

Outline Syllabus

The module is structured to deliver the knowledge, understanding, interpersonal and technical skills necessary to support work on productions.

Through a series of workshops; lecture demonstrations; individual projects and group tasks students will be introduced to essential technical skills necessary in the design and realisation of productions. These skills include: scale model making, technical drawing, scene painting and scenic construction.

Students will use 1:25 scale models: in the development and communication of ideas; to relate design concepts to a physical space, considering the effect and viewpoints of an audience and in presenting finished ideas to a group.

Students will be taught the role technical drawing plays in the development of design and its realisation. Hand-drawn technical drawings will be produced to present relevant information as suitable for use in the scenic workshop.

The students will learn about and experience scenic construction processes including: working from scale models and technical drawings; choice and use of tools and materials; finishing techniques incorporating an introduction to scene painting and applied finishes; set get-in and assembly; working as a group; and safe working practices in the scenic workshop.

In addition to the development of technical skills, students will be introduced to research skills for design and encouraged to develop both verbal and written self-reflective and evaluative skills.

Learning Activities

The module will begin with a series of lectures and practical workshops. Students will work on individual design projects resulting in short evaluative presentations. Students then progress to group work in the scenic workshop, realising full-scale structures for display in a public exhibition.

The final phase of the module will involve an extended period in the workshop and performance spaces working on a LIPA production. On completion of this practical show-based allocation, students will submit a written evaluation reflecting on their experience to demonstrate and consolidate their learning.

Notes

Lois Maskell is the Module Leader.