

Live Performance Operations

Module Information

2022.01, Approved

Summary Information

Module Code	5203AMP
Formal Module Title	Live Performance Operations
Owning School	Engineering
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 5
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
Engineering

Learning Methods

Learning Method Type	Hours
Lecture	18
Practical	18
Tutorial	8

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-CTY	CTY	January	12 Weeks

Aims and Outcomes

Aims	To consolidate and extend knowledge of technical operations in the broadcast media and creative industries, with specific regard to the additional challenges encountered in technical management of live performances.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Develop safety plans and technical specifications for a live performance scenario.
MLO2	2	Evaluate and/or use appropriate live performance technology in a relevant situation
MLO3	3	Appraise the effectiveness of the approach and reflect on the performance of team members

Module Content

Outline Syllabus	Health & Safety legislation for live performance & OB etc.Power system planning & implementation for live performance & OB etc.Show Control, Advanced Control Network systems for stage technology controlTypes of performance and requirements for audioAudio monitoring for performers (foldback vs feedback), FOH level controlEQ and outboard equipmentAnalogue vs digital in live sound reinforcement systems, control and signal routingLive & pre-sequenced operations & technologyLuminaires and bulbs, colourimetry, quality and characteristics Lantern arrangement for specific applications, DMX etcLive vs pre-programmed control systems, broadcast vs live audience requirementsImage operations, Large displays and potential conflict with OB Interaction with audio control systemConcepts of projection mapping for eventsField trips to appropriate venue case studies.
Module Overview	
Additional Information	This module provides knowledge and experience of technical operations in the broadcast media and creative industries. A focus of the material is the particular technical management challenges of live performances.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Practice	Stage Set-up	80	0	MLO2, MLO1
Reflection	Reflective report	20	0	MLO3

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Colin Robinson	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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