

## Live Performance Operations

### Module Information

2022.01, Approved

#### Summary Information

Module Code	5303AMP
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	<p>Health &amp; Safety legislation for live performance &amp; OB etc. Power system planning &amp; implementation for live performance &amp; OB etc. Show Control, Advanced Control Network systems for stage technology control Types of performance and requirements for audio Audio monitoring for performers (foldback vs feedback), FOH level control EQ and outboard equipment Analogue vs digital in live sound reinforcement systems, control and signal routing Live &amp; pre-sequenced operations &amp; technology Luminaires and bulbs, colourimetry, quality and characteristics Lantern arrangement for specific applications, DMX etc Live vs pre-programmed control systems, broadcast vs live audience requirements Image operations, Large displays and potential conflict with OB Interaction with audio control system Concepts of projection mapping for events Field trips to appropriate venue case studies.</p>
Module Overview	<p><b>Aims</b>  <b>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.</b></p> <p><b>Learning Outcomes</b>  <b>After completing the module the student should be able to:</b></p> <p><b>1 Develop safety plans and technical specifications for a live performance scenario.</b>  <b>2 Evaluate and/or use appropriate live performance technology in a relevant situation.</b>  <b>3 Appraise the effectiveness of the approach and reflect on the performance of team members.</b></p>
Additional Information	<p>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. This module aligns to the following UN Sustainable Development Goals: 4 Quality Education 5 Gender Equality 8 Decent Work and Economic Growth 10 Reduced Inequalities</p>

**Assessments**

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