

Broadcast Studio Operations

Module Information

2022.01, Approved

Summary Information

Module Code	5504AMPCC
Formal Module Title	Broadcast Studio Operations
Owning School	Engineering
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 5
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

Partner Teaching Institution

Institution Name
Coleg Cambria

Learning Methods

Learning Method Type	Hours
Lecture	10
Practical	45

Module Offering(s)

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

Aims and Outcomes

Aims	To introduce students to professional technical practices and equipment as used in broadcast media and creative industries, including: managing and organising tasks, people and resources; working to specifications; and applying safe systems of work
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Operate industry-standard audio equipment in accordance with defined technical standards and practices as operated in the industry
MLO2	2	Undertake production of a studio recording suitable for broadcast radio
MLO3	3	Utilise industry-standard video equipment in accordance with defined technical standards and practices as operated in the industry
MLO4	4	Create an 'as-live' production of a recording suitable for broadcast TV

Module Content

Outline Syllabus	Review properties of the eye and ear for broadcasting Review safe systems of work & relevant legislation for broadcasters Audio Mixing Desks and broadcast level monitoring Studio audio signal routing Audio payout for inserts Digital audio recording for production Properties of camera optics Choices of shutter speed and frame rate on flicker and movement Studio camera and floor management operations Vision engineering - camera channels, lighting control Lighting and luminaires for studio production Production – grammar and techniques Vision mixing and taking direction Payout – cueing, timing and inserts Video & audio synchronisation and capture Use of talkback systems
Module Overview	
Additional Information	This module will introduce students to the techniques and equipment used in recording content for radio and TV productions in a studio environment. Students will be required to work both individually and in small groups using equipment to become familiar with its characteristics in a way that also demonstrates safe systems of work.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Practice	Production - Studio Radio Prog	50	0	MLO1, MLO2
Practice	Production - Studio TV Prog	50	0	MLO3, MLO4

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Anthony McKenna	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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