

# Audio Recording

## Module Information

2022.01, Approved

### Summary Information

Module Code	5600AMPCC
Formal Module Title	Audio Recording
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	22
Practical	22

### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-PAR	PAR	September	12 Weeks

## Aims and Outcomes

Aims	To enhance students' knowledge of the equipment used in a Recording Studio and hence address the practical issues arising from recording using a control surface. Also to allow students to gain experience in using both hardware and software audio devices deployed in digital audio recording
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**After completing the module the student should be able to:**

### Learning Outcomes

Code	Number	Description
MLO1	1	Appreciate Recording Studio equipment levels
MLO2	2	Develop a usable audio signal chain using effects within the studio environment
MLO3	3	Describe and analyse the Glyn Johns method of microphone placement
MLO4	4	Produce an audio media package

## Module Content

Outline Syllabus	Critical listening, construction, deconstruction Emulated recording Plugins: Drummer, Amp designer, Bass amp designer Processing: reverb (convolution & algorithmic), distortion Compression and dynamics, effects pedals and stomp boxes, Noise gates, signal to noise ratio Production techniques (recording a variety of instruments), Glyn Johns' method, studio microphone techniques, three to one rule Mixing and mastering Recording repair and enhancements, drop in recording software choice and implementation, control surfaces Recording solid-state, valve and modelling amplifiers Reflection filters & pop shields Studio types, equipment (including outboard), patch-bays and wiring, DI devices, orchestral instruments and recording, digital press kits and media The history of recording and how it informs current trends
Module Overview	
Additional Information	The module encompasses the theoretical knowledge and practical skills of audio & music production and the equipment used in the production of audio recording. 1 hour per week of online study activities 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

## Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Practice	Studio equipment levels	50	0	MLO1, MLO2
Technology	Glyn Johns method	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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