

Audio Recording

Module Information

2022.01, Approved

Summary Information

Module Code	5200AMP
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
Engineering

Learning Methods

Learning Method Type	Hours
Lecture	22
Practical	22

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-CTY	CTY	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 CD and DVD 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 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 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.

Assessments

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