Audio Production Technology

Module Information

2022.01, Approved

Summary Information

Module Code	4603AMPCC
Formal Module Title	Audio Production Technology
Owning School	Engineering
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 4
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
JAN-PAR	PAR	January	12 Weeks

Aims and Outcomes

Aims	To provide a solid understanding of the concepts upon which audio production is achieved

After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Describe and analyse the different type of recording studio
MLO2	2	Appreciate technical specifications
MLO3	3	Describe and analyse the properties of industry standard audio connectivity
MLO4	4	Appreciate audio connectivity and perform basic electrical calculations

Module Content

Outline Syllabus	Audio recording development Recording studio designThe recording process Interface equipmentDigital modelling instruments Digital modelling amplifiers Re-amping techniques Electronic instrumentation Classic combination rigs Studio session procedures Studio personnelTechnical specifications Valve technology/amplifiers Instrumentation setupElectromagnetic and piezo transducers Loudspeaker combinationsBasic electricity and calculationsBespoke connectivity, cabling and connectors Soldering techniquesMeters
Module Overview	
Additional Information	This module provides a fundamental understanding of audio production principles for the level 4 BSc Audio and Music Production programme.1 hour per week of online study activitiesThis module aligns to the following UN Sustainable Development Goals:4 Quality Education5 Gender Equality8 Decent Work and Economic Growth10 Reduced Inequalities

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Type of recording studio	50	0	MLO1, MLO2
Report	Industry standard audio	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