MODULE DESCRIPTOR

Module Title

Audio Production

Reference	CB2001	Version	2
Created	March 2024	SCQF Level	SCQF 8
Approved	April 2023	SCQF Points	30
Amended	April 2024	ECTS Points	15

Aims of Module

This module builds upon existing audio production skills through developing an advanced understanding of audio and production theory which informs the practice of industry standard production techniques.

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

1	Identify the physical characteristics of sound waves and digital audio recordings.
2	Demonstrate understanding of audio properties within a professional recording context.
3	Analyse project requirements to select appropriate content, equipment, and techniques.
4	Conceive and plan an original audio production project.
5	Apply appropriate skills and workflows to record, mix and produce an audio artefact.
6	Reflect on challenges and successes by evaluating the completed project.

Indicative Module Content

Students will expand their understanding of the physical properties of sound and digital audio technologies, alongside developing improved audio production recording and mixing techniques. Participants will also learn about common post-production methods, including practices such as noise reduction, audio sweetening, compression and normalization, equalization, creative filters and mastering processes, in addition to examining current production fields such as ADR, vocal recording, 'Foley' and effect creation. Students will be encouraged to develop a brief and select, and incorporate, stock material alongside original recordings. Advanced sound production techniques will be used throughout mixing and mastering to produce a professional artefact, such as a podcast. The module engages students with UNESCO's Education for Sustainable Development Anticipatory, Systems Thinking, Collaboration and Self-awareness competencies in terms of assessing risks and identifying hazards, recognizing, and understanding relationships between disciplines, learning from others, understanding the needs, perspectives, and actions of others, group conflict resolution, and facilitating collaborative and participatory problem solving.

Topic include:

- physical properties of sound,
- digital audio technologies,
- recording and mixing techniques for dialogue, sound, and music,
- compiling and mastering a professional-level artefact.

Module Delivery

This module combines contextualising lectures with a series of practical workshops. The workshops will further develop practical understandings and empower participants to deliver professional audio recording utilizing a range of facilities and equipment.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	72	N/A
Non-Contact Hours	228	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	300	N/A
Actual Placement hours for professional, statutory or regulatory body		

ASSESSMENT PLAN

If a major/minor model is used and box is ticked, % weightings below are indicative only.

Component 1

Type:	Coursework	Weighting:	100%	Outcomes Assessed:	1, 2, 3, 4, 5, 6
Description:	Portfolio assessment comprising audio output and reflective analysis of practice.				

MODULE PERFORMANCE DESCRIPTOR

Explanatory Text

The calculation of the overall grade for this module is based on 100% weighting of C1. An overall minimum grade D is required to pass the module.

Module Grade	Minimum Requirements to achieve Module Grade:
A	The student needs to achieve an A in C1.
B	The student needs to achieve a B in C1.
C	The student needs to achieve a C in C1.
D	The student needs to achieve a D in C1.
E	The student needs to achieve an E in C1.
F	The student needs to achieve an F in C1.
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	None.
Corequisites for module	None.
Precluded Modules	None.

INDICATIVE BIBLIOGRAPHY

1	AHEARN, S., 2022. *Making Radio and Podcasts: A practical guide to working in today's radio and audio industries.* 4th ed. Oxford: Focal Press
2	BARTLETT, B. and BARTLETT, J., 2016. *Practical Recording Techniques.* 7th Ed. London: Routledge
3	CORBETT, I., 2020. *Mic It! Microphones, Microphone Techniques, and Their Impact on the Final Mix.* 2nd ed. London: Routledge
4	KATZ, B., 2015. *Mastering Audio: The Art and the Science.* 3rd Ed. London: Routledge
5	NUZUM, E., 2020. *Make Noise: A Creator's Guide to Podcasting and Great Audio Storytelling.* New York: Workman
6	WYATT, H. and AMYES, T., 2013. *Audio Postproduction for Television and Film: an introduction to technology and techniques.* London: Routledge