

# Prifysgol Wreccsam Wrexham University

## Module specification

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Module Code	CMT444
Module Title	Audio Skills in Context
Level	Level 4
Credit value	20
Faculty	FACE
HECoS Code	100222 audio technology
Cost Code	TBC
Pre-requisite module	N/A

### Programmes in which module to be offered

Programme title	Core/Optional/Standalone
BA (Hons) Music and Sound Production	Core
BA (Hons) Filmmaking	Core

### Breakdown of module hours

Learning and teaching hours	36 hrs
Placement tutor support hours	0 hrs
Supervised learning hours e.g. practical classes, workshops	0 hrs
Project supervision hours	0 hrs
<b>Active learning and teaching hours total</b>	36 hrs
Placement hours	0 hrs
Guided independent study hours	164 hrs
<b>Module duration (Total hours)</b>	200 hrs

### Module aims

The module is an introduction to sound production, manipulation and editing for media practitioners; musicians; prospective sound and media engineers and installation artists. The course focuses on the implementation of sound capture systems in small to medium scale settings, and the techniques involved in locations and studio-based audio production. It introduces the student to the key elements that are required to achieve high quality productions and furnishes students with the required technical and communicative skills to navigate a range of audio capture scenarios.

### Module Learning Outcomes

At the end of this module, students will be able to:



1	Display understanding of the key elements in the audio chain and to implement said connections.
2	Explain the impact of audio processing on the signal path and how this affects the quality and performance.
3	Apply safe working practices within the audio capture environment.
4	Evaluate different approaches to communication in the context of an audio capture environment.

## Assessment

### Indicative Assessment Tasks:

This section outlines the type of assessment task the student will be expected to complete as part of the module. More details will be made available in the relevant academic year module handbook.

Assessment 1: Students will be assessed on the application and understanding of audio capture systems and production workflows within location and studio environments.

The assessment comprises of portfolio elements and an in-class test.

Students will produce an electronic portfolio in the form of a blog that is posted on a weekly basis. The blog will demonstrate the knowledge attained in lectures and apply the knowledge to practical recording tasks to create artefacts supporting the dialogue of the blog posts.

Assessment 2: The in-class test will be in the form of an online quiz which will test students on the topics, skills and theory they have had opportunity to engage with during the Module delivery.

Assessment number	Learning Outcomes to be met	Type of assessment	Duration/Word Count	Weighting (%)	Alternative assessment, if applicable
1	1,2, and 3	Portfolio	Circa 10 minutes total	70	N/A
2	3 and 4	In-class test	15-minute online quiz	30	N/A

## Derogations

None.

## Learning and Teaching Strategies

The Active Learning framework (ALF) embraces accessible, engaging and flexible approaches to learning, teaching and assessment in order that students are afforded the very best opportunities to engage actively with their learning.

- Flexible, innovative, relevant and accessible assessment and feedback practices that optimise student engagement and achievement within a healthy learning environment;
- An approach to research informed-teaching that champions active and engaged inquiry and curiosity through useful, active, applied research and scholarship.

The module will be delivered to engage with ALF. The ALF model will be used to deliver asynchronous and synchronous lectures and content. The module will be delivered using an appropriate range of teaching and learning strategies. This will include a series of lectures linked to practical sessions with the associated software and equipment. Tutorial support for independent learning will also be offered.

### Welsh Elements

In collaboration with the University's Welsh Language Team, tutorial support and also assessment submission will be available through the Welsh Language should students elect to do so. Welsh workplace language learning opportunities will also feature in the delivery of this module. This will be at a beginner's level and supported through online materials and activities.

### Indicative Syllabus Outline

The purpose of this module is to provide students with a knowledge and understanding of current audio capture and editing practice. This will entail covering the following indicative content:

- Health and safety in the audio capture settings
- The principles and terminology of audio capture and editing
- Gain structure and signal paths
- Mixing desk topology
- Microphones and input devices
- Digital Audio Workstations
- Location Recorders
- Approaches to effective communicative working practices

### Indicative Bibliography:

Please note the essential reads and other indicative reading are subject to annual review and update.

### Essential Reads

*The student is NOT expected to read whole texts. Suitable sections will be selected by those delivering lectures.*

Rumsey, F. McCormick, T. (2014), *Sound and Recording Applications and Theory*. Focal Press

### Other indicative reading

Ferreira, C.L. (2013), *Music Production: Recording: A guide for producers, engineers and musicians*. Focal Press

Bartlett, R. (2012), *Practical Recording Techniques*. Focal Press

Self, D. (2009), *Audio Engineering Explained-for professional audio recording*. Focal Press

Sound on Sound –Periodical / Website <http://www.soundonsound.com/>

<https://www.prosoundweb.com/live-sound/>

Audio Engineering Society–Journal and e-Library <http://www.aes.org>

### Administrative Information

<b>For office use only</b>	
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Date and details of revision	
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