Prifysgol Wrecsam
Wrexham University

Module specification

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Module Code	CMT543
Module Title	Workflow and data management for Music and Sound
Level	5
Credit value	20
Faculty	FACE
HECoS Code	100443 Media production
Cost Code	GACT
Pre-requisite module	NA

Programmes in which module to be offered

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

Breakdown of module hours

Learning and teaching hours	30 hrs
Placement tutor support hours	0 hrs
Supervised learning hours e.g. practical classes, workshops	0 hrs
Project supervision hours	0 hrs
Active learning and teaching hours total	**3**0 hrs
Placement hours	0 hrs
Guided independent study hours	170 hrs
Module duration (Total hours)	200 hrs

Module aims

This Module will explore key principles and practice in digital data management and exchange for a multitude of music and sound production activities. These may include the management of audio data files, meta data, midi data, screen production sequence exchange and audio deliverable formats.

Module Learning Outcomes

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

1	Identify key principles and techniques of data management and exchange in collaborative scenarios.
2	Demonstrate effective audio production data management.
3	Demonstrate effective audio production data exchange workflow.
4	Critically evaluate workflows for data management and exchange.

Assessment requirements.

1. **Portfolio of tasks.** This portfolio will comprise of a number of independent study activities. Students will be provided with a range of media and asked to complete specific data workflow and management tasks. These tasks might include managing data storage processes; handling meta data requirements; preparing data deliverables for collaborative exchange; managing workflow and data exchange when receiving materials from collaborators.

2. **Evaluative report:** Write a 1200 evaluation on common data management and workflow strategies in the context of audio production industry. The evaluation will refer to the practical work undertaken for the portfolio element of the module submission.

Assessment number	Learning Outcomes to be met	Type of assessment	Duration/Word Count	Weighting (%)	Alternative assessment, if applicable
1	1, 2, 3	Portfolio	Circa 10 mins	70%	
2	4	Written Assignment	1200 words	30%	

Derogations

None.

Learning and Teaching Strategies

Instruction and learning are delivered through various methods, including lectures and follow on practical workshops. Many classes are exercise-based, promoting active student engagement in their learning process.

One-on-one tutorial consultations will support student learning and also support students in meeting the assessment requirements.

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.

Indicative Syllabus Outline
- DAW session organisation
- Data formats
- Meta Data
- Midi Data
- Sequences
- Data exchange
- Deliverables e.g. WAV, Apple Digital Masters, immersive sound formats

Indicative Bibliography:

Essential Reads

Avid(2021). *Pro Tools Production II (Post Production) (PT210P) – EBOOK*. Avid.

Supplementary Texts

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

Blokdyk, G. (2020). Audio Data Compression A Complete Guide - 2020 Edition. 5STARCooks

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

Russ, M. (2008). Sound Synthesis and Sampling. Routledge; 3rd edition.

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

Administrative Information

For office use only	
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Date and details of revision	
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