

Module Template for New and Revised Modules¹

Module Code	EEMT16
Module Name	AUDIO PRODUCTION TECHNIQUES
ECTS Weighting²	5 ECTS
Semester taught	Semester 2
Module Coordinator/s	DR JIMMY EADIE
<u>Module Learning Outcomes</u> with reference to the <u>Graduate Attributes</u> and how they are developed in discipline	<p>On successful completion of this module, students should be able to:</p> <p>LO1. Competently work as an audio producer in a professional creative environment.</p> <p>LO2. Demonstrate an understanding of the historical stylistic and technical aspects of producing audio for multiple platforms.</p> <p>LO3. Correctly apply complex audio processes involved in the creation of varied audio material, from sound design to mixing and mastering.</p> <p>LO4. Competently manage a multitrack recording to professional industry standards and utilise mixing skills to deliver a professional master file that is broadcast ready.</p> <p>Graduate Attributes: levels of attainment</p> <p>To act responsibly - Attained</p> <p>To think independently - Attained</p> <p>To develop continuously - Attained</p> <p>To communicate effectively - Attained</p>
Module Content	<p>This module's goal is to increase learners' understanding of the underlying technical processes involved in audio production and associated domains of practise. The module will also look at key technical developments and significant practitioners related to audio production. The curriculum will include audio engineering and production techniques, as well as the construction of VST instruments and sample libraries. The aim of is to apply theoretical principles in real-world situations in order to improve the learners' technical skills and analytic capabilities. The coursework will include production techniques, mixing and mastering for a range of</p>

¹ [An Introduction to Module Design](#) from AISHE provides a great deal of information on designing and re-designing modules.

² [TEP Glossary](#)

formats. In addition, the development and construction of VST sample instruments and related libraries will be investigated.

Teaching and Learning Methods

This module will be delivered through a series lectures, workshops and tutorials. Students will be encouraged to participate in discussions of case studies of key works and practitioners. Demonstrations will be given in essential mixing and mastering skills.

Assessment Details³ Please include the following: <ul style="list-style-type: none"> • Assessment Component • Assessment description • Learning Outcome(s) addressed • % of total • Assessment due date 	Assessment Component	Assessment Description	LO Addressed	% of total	Week due
	Assignment 1	VST Sampler Instrument	123	30%	n/a
	Assignment 2	Research Project	12345	20%	n/a
	Assignment 3	Production Project	12345	50%	n/a

Reassessment Requirements

Contact Hours and Indicative Student Workload³	Contact hours: 11X2 hour lectures.
	Independent Study (preparation for course and review of materials): 50
	Independent Study (preparation for assessment, incl. completion of assessment):50

Recommended Reading List	<p>Katz, B. Mastering audio: the art and the science. Oxford: Focal Press. Huber, D. Modern recording techniques. Oxford: Focal Press. Izhaki, R., Mixing audio: concepts, practices and tools. Oxford; Focal Press. Stavrou, M. Mixing with your mind. Mosmon NSW: Flux Research. Guide to Microphone Design and Application. Oxford: Focal Press Gottlieb, G., Shaping Sound in the Studio and Beyond, Bartlett Bruce, recording music on location: Capturing the Live Performance LaBelle, B., Background Noise: Perspectives on Sound Art</p>
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Module Pre-requisite	Some experience in audio engineering and production
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Module Co-requisite	Audio Engineering Module is advised but not essential
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Module Website	Blackboard
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³ [TEP Guidelines on Workload and Assessment](#)

Are other Schools/Departments involved in the delivery of this module? No
If yes, please provide details.

Module Approval Date

Approved by

Academic Start Year

Academic Year of Date