

## Module Template for New and Revised Modules<sup>1</sup>

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| <b>Module Code</b>                                                                                                               | EEMT16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Module Name</b>                                                                                                               | AUDIO PRODUCTION TECHNIQUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>ECTS Weighting<sup>2</sup></b>                                                                                                | 5 ECTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Semester taught</b>                                                                                                           | Semester 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Module Coordinator/s</b>                                                                                                      | DR JIMMY EADIE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b><u>Module Learning Outcomes</u> with reference to the <u>Graduate Attributes</u> and how they are developed in discipline</b> | <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><b>Graduate Attributes: levels of attainment</b></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> |
| <b>Module Content</b>                                                                                                            | <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>                                                                                                                                                                                         |

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

<sup>2</sup> [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.

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------|------------|----------|
| <b>Assessment Details<sup>3</sup></b><br><b>Please include the following:</b> <ul style="list-style-type: none"> <li>• <b>Assessment Component</b></li> <li>• <b>Assessment description</b></li> <li>• <b>Learning Outcome(s) addressed</b></li> <li>• <b>% of total</b></li> <li>• <b>Assessment due date</b></li> </ul> | 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      |
|                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |              |            |          |
| <b>Reassessment Requirements</b>                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |              |            |          |
| <b>Contact Hours and Indicative Student Workload<sup>3</sup></b>                                                                                                                                                                                                                                                          | <b>Contact hours:</b> 11X2 hour lectures.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        |              |            |          |
|                                                                                                                                                                                                                                                                                                                           | <b>Independent Study (preparation for course and review of materials): 50</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |              |            |          |
|                                                                                                                                                                                                                                                                                                                           | <b>Independent Study (preparation for assessment, incl. completion of assessment):50</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                        |              |            |          |
| <b>Recommended Reading List</b>                                                                                                                                                                                                                                                                                           | <p>Katz, B. Mastering audio: the art and the science. Oxford: Focal Press.</p> <p>Huber, D. Modern recording techniques. Oxford: Focal Press.</p> <p>Izhaki, R., Mixing audio: concepts, practices and tools. Oxford; Focal Press.</p> <p>Stavrou, M. Mixing with your mind. Mosmon NSW: Flux Research.</p> <p>Guide to Microphone Design and Application. Oxford: Focal Press</p> <p>Gottlieb, G., Shaping Sound in the Studio and Beyond,</p> <p>Bartlett Bruce, recording music on location: Capturing the Live Performance</p> <p>LaBelle, B., Background Noise: Perspectives on Sound Art</p> |                        |              |            |          |
| <b>Module Pre-requisite</b>                                                                                                                                                                                                                                                                                               | Some experience in audio engineering and production                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                        |              |            |          |
| <b>Module Co-requisite</b>                                                                                                                                                                                                                                                                                                | Audio Engineering Module is advised but not essential                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                        |              |            |          |
| <b>Module Website</b>                                                                                                                                                                                                                                                                                                     | Blackboard                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |              |            |          |

<sup>3</sup> [TEP Guidelines on Workload and Assessment](#)

**Are other Schools/Departments  
involved in the delivery of this module?  
If yes, please provide details.**

No

**Module Approval Date**

**Approved by**

**Academic Start Year**

**Academic Year of Date**