Module Template for New and Revised Modules[1]

Module Code	EEMT09
Module Name	PSYCHOACOUSTICS 2
ECTS Weighting[2]	5 ECTS
Semester taught	Semester 2
Module Coordinator/s	DR DERMOT FURLONG
Module Learning Outcomes with reference to the Graduate Attributes and how they are developed in discipline	On successful completion of this module, students should be able to: To think independently. To communicate effectively. The aim of this module is to address phenomena of auditory perception, including spatial hearing, auditory scene analysis, and embodied music cognition. Students will be enabled to address issues relating to auditory perception of music in arbitrary acoustic and electroacoustic environments. On successful completion of this module, students will be able to: • Address artistic applications of cross-modal cognitive integration • Discuss room acoustical phenomena relating to music. • Consider the development of music forms from an environmental acoustic influence perspective. • Identify and discuss cognitive grouping phenomena. • Address the role of cognitive organization in auditory perception of music. • Discuss the relationship between embodied schemata and music structures.
Module Content	Topics addressed include cognitive integration, cross modal integration, spatial hearing, recording formats and spatial perception, room acoustics, gestalt theory, auditory scene analysis, and embodied cognition.

[1] An Introduction to Module Design from AISHE provides a great deal of information on designing and re-designing modules.
[2] TEP Glossary

Teaching and Learning Methods	e.g., lectures, seminars, online learning via VLE, field trips, laboratories, practice-based etc…

Assessment Details[3]
Please include the following:

- **Assessment Component**
- **Assessment description**
- **Learning Outcome(s) addressed**
- **% of total**
- **Assessment due date**

Assessment Component	Assessment Description	LO Addressed	% of total	Week due
2 assignments	Assignment 1: music, audition and cognitive science Assignment 2: Music form, cognitive organization and environment perception	Independent analysis of music perception	40% and 60%	Week 7 Week 14

Reassessment Requirements

Contact Hours and Indicative Student Workload[3]

Contact hours: 22 Lecture hours
Independent Study (preparation for course and review of materials): 20 hours
Independent Study (preparation for assessment, incl. completion of assessment): **30 hours**

Recommended Reading List

Stephen Handel: Listening - an Introduction to the Perception of Auditory Events
Leonard Meyer: Emotion and Meaning in Music
Albert Bregman: Auditory Scene Analysis
F. Alton Everest: Master Handbook of Acoustics
Barry Blesser: Spaces Speak
Rafael Nunez and Walter Freeman: Reclaiming Cognition

Module Pre-requisite

Psychoacoustics1

Module Co-requisite

None

Module Website

None

[3] TEP Guidelines on Workload and Assessment

Are other Schools/Departments involved in the delivery of this module? If yes, please provide details.	None
Module Approval Date	
Approved by	
Academic Start Year	
Academic Year of Date	