MODULE **DESCRIPTOR**

MODULE TITLE	AUDIO PRODUCTION		
MODULE CODE	TE1771 (L4)	CREDIT VALUE	20 UK CREDITS / 10 ECTS
SCHOOL	SCHOOL OF SCIENCES		

MODULE **AIMS**

This module aims:

a) To develop an understanding of the physics of sound and sound perception.
b) To relate the physics of sound to the tools used to capture, generate and process audio.
c) To develop skills in selecting and specifying the tools required for audio production.
d) To develop practical skills in recording, processing reproducing and generating sound.

MODULE **CONTENT**

Indicative syllabus content:

In this module students will learn about what sound is and how it can be captured, processed and generated for use in media production. Moreover, students will learn how to evaluate audio content by applying a range of critical, analytical and theoretical approaches related to audio production.
An initial exploration of the physics of sound and acoustics will be followed by investigating how audio hardware, software and environments influence the quality and characteristics of recorded audio so that they can select the most appropriate tools for specific audio production scenarios. Students will also be introduced to software used to generate sound and simple music.
The skills and knowledge acquired in the module will be applied to the creation of practical audio projects.

INTENDED **LEARNING OUTCOMES**

On successful completion of this module a student will be able to:

1. Describe processes and technologies used for audio production.
2. Assess the requirements for recording, generation and processing audio in specific situations.
3. Apply knowledge of sound recording, generation and processing to media production.

TEACHING METHODS

Lectures will introduce students to theory, critical and analytical approaches, transferable concepts and techniques related to audio production. During workshops, students will explore or apply these theories, approaches, concepts and techniques, through the analysis of case studies or through observations and practical demonstrations.
Several seminars will involve analysing and critically evaluating recordings or production scenarios.
In practical workshops, students will make extensive use of audio equipment or software tools.
Practical assignments will assess the students' understanding of audio principles and the technical operation of audio systems and tools. Moreover, they will assess the students' ability to evaluate their work and the work of others based on a range of theoretical, critical and analytical approaches related to audio production. Formative feedback will be provided to allow students to improve their assignments prior to final assessment.

ASSESSMENT METHODS

This module is assessed through one Sound Recording and Report and one Audio Production and Report.