MODULE **DESCRIPTOR**

MODULE TITLE	AUDIO PRODUCTION		
MODULE CODE	TE1771 (L4)	CREDIT VALUE	20 CREDITS (10 ECTS)
CAMPUS	UCLAN CYPRUS		
SCHOOL	SCHOOL OF SCIENCE		

MODULE **AIMS**

This module aims:
- To develop an understanding of the physics of sound and sound perception.
- To relate the physics of sound to the tools used to capture, generate and process audio.
- To develop skills in selecting and specifying the tools required for audio production.
- To develop practical skills in recording, processing reproducing and generating sound.

MODULE **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.

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 and explain transferable concepts and techniques. In the workshops, students will explore or apply these concepts and techniques in practical experimentation or observe a practical demonstration.

Several seminars will involve analysing 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. Formative feedback will be provided to allow students to improve their assignments prior to final assessment.

ASSESSMENT **METHODS**

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