Liverpool John Moores University

Title:	STUDIO RECORDING
Status:	Definitive
Code:	**4501TECLCC** (108455)
Version Start Date:	01-08-2016

Owning School/Faculty: Electronics and Electrical Engineering
Teaching School/Faculty: City of Liverpool College

Team	Leader
Paul Otterson	Y

Academic Level:	FHEQ4	**Credit Value:**	24	**Total Delivered Hours:**	126
Total Learning Hours:	240	**Private Study:**	114		

Delivery Options
Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	30
Practical	90
Tutorial	6

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	Assignment – properties of sound transducers and hearing	20	
Essay	AS2	Studio work – creation of two contrasting multi track recordings	60	
Essay	AS3	Studio work - Mixing and mastering assignment	20	

Aims

To introduce students to professional technical practices as used in multi-track recording studios and creative industries, including managing and organising tasks,

people and resources; communicating effectively; responding to a creative brief, and applying safe systems of work

Learning Outcomes

After completing the module the student should be able to:

1   Describe the properties of sound transducers and hearing
2   Devise a pre-production plan and production schedule for a recording project
3   Employ safe systems of work in the studio environment
4   Operate industry-standard equipment to professional standards
5   Mix and edit multi track audio to create a stereo audio master
6   Use post production and edit techniques to create a production master.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

CW   1

CW   2   3   4

CW   3   4   5   6

Outline Syllabus

Health and Safety in the studio.
Properties of sound and the ear.
Properties of microphones and loudspeakers.
Functions and applications of mixing consoles, audio recording software and hardware.
Gain structures and alignment procedures using test tones
Mix techniques and practices.
Audio mastering

Learning Activities

Practical sessions and demonstrations. Student work groups.

Notes

This module is intended to give students a thorough background in studio protocols and processes so that they will have confidence in applying skills and knowledge to a variety of recording situations within the music and media industries.