Liverpool John Moores University

Title: ADVANCED STUDIO TECHNIQUES
Status: Definitive
Code: **5510STE**   (118573)
Version Start Date: 01-08-2019

Owning School/Faculty: Engineering
Teaching School/Faculty: Liverpool Institute for Performing Arts

Team	Leader
Karl Jones	

Academic Level: FHEQ5   **Credit Value:** 24   **Total Delivered Hours:** 57

Total Learning Hours: 240   **Private Study:** 183

Delivery Options
Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	18
Tutorial	4
Workshop	34

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Practice	RECORD	RECORDINGS	30	
Essay	ESSAY	EVALUATIVE ESSAY (2000 WORDS)	25	
Exam	EXAM	WRITTEN EXAM	15	1
Test	TEST	STUDIO OPERATIONAL TESTS	30	1.5

Aims

The aim of the module is to allow students to gain a deeper understanding of the specialist tools and techniques employed during the processes of professional music recording, mixing and mastering.

Learning Outcomes

After completing the module the student should be able to:

1   Use advanced analogue and digital production consoles efficiently and effectively
2   Explain the underlying theoretical concepts underpinning various studio subsystems and tools
3   Choose appropriate technical tools and methods to run a multi-track recording session for a defined genre
4   Mix a multi-track recording an appropriate standard (see assessment criteria), making use of automation, EQ, effects and dynamics processors as appropriate
5   Demonstrate an understanding of the issues and processes involved in CD mastering and pre-mastering
6   Explain the function and application of specialist tools employed in a music recording studio environment
7   Evaluate the relationship between technological process and finished product

Learning Outcomes of Assessments

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

RECORDINGS   3   4

ESSAY   5   6   7

WRITTEN EXAM   2

OPERATIONAL TESTS   1

Outline Syllabus

Practical operation of high-level analogue and digital production consoles across three complex recording studios: Studio 1, Studio 2 and the George Martin Studio, and how they integrate into these environments.

Theory and practice of professional approaches to audio recording, including practical comparison of different professional recording tools, formats and techniques; linking theory to professional techniques and practice; and a deeper appreciation of how technical and aesthetic considerations shape our approach.

Theory and practice of professional approaches to music mixing, including linking theory to professional techniques and practice with an emphasis on reverse engineering professional recordings, application of theory in practical contexts; and a deeper understanding of how the aesthetic considerations of genre may shape our technical approach.

Theory and practice of professional approaches in audio pre-mastering, including a review of the basic aims and processes of pre-mastering; the practical application of tools and relevant theories; and consideration of the balance between commercial

and technical requirements.

Learning Activities

Learning takes place through a variety of activities. Traditional, classroom-based lecture delivery is linked to hands-on practical workshops and demonstration sessions; small group tutorial and discussion sessions allow formative feedback; and a strong emphasis on individual study, practical application and reflective review of work form the core of learning activities in this module.

Notes

TO FOLLOW