

Liverpool John Moores University

Title: MUSIC PRODUCTION 1 ELECTIVE
Status: Definitive
Code: **4517OPT** (109317)
Version Start Date: 01-08-2011

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

Team	Leader
Martin Isherwood	Y

Academic Level: FHEQ4 **Credit Value:** 12.00 **Total Delivered Hours:** 120.00
Total Learning Hours: 120 **Private Study:** 0

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	10.000
Online	90.000
Workshop	20.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	PRESENT	Coursework - practical presentation	100.0	1.00

Aims

This module is designed to be a practical introduction to the use of a modern DAW (Digital Audio Workstation) and sequencer package, in the context of producing useable backing tracks and demos for practising musicians. Whilst a significant percentage of the taught content will focus on learning the operation of a specific DAW, this will be taught in a manner that emphasises the musical, rather than the technical capabilities of the system.

In addition, you will be taught different approaches to mixing and balancing music on these systems and will be introduced to some related technical areas - specifically the use of microphones and monitoring systems from a performer's perspective.

Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate competence in the use of a computer based DAW/sequencer system.
- 2 Produce a reasonably high quality music mix to a good demo standard, within the constraints of a desktop recording system.
- 3 Show an awareness of the use of a DAW system as an aid to musical composition.
- 4 Demonstrate a basic understanding of associated recording technologies, and use this to enhance their performance in a recording environment.
- 5 Show an awareness of, and effectively implement, file management and backup on a DAW system.

Learning Outcomes of Assessments

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

PRACTICAL	1	2	3	4	5
PRESENTATION					

Outline Syllabus

MIDI

Short history of MIDI; MIDI Data versus Audio data; MIDI connections and routing, both physical and virtual; MIDI channels and their use.

SEQUENCING

Basic principles of sequencing; basic recording and playback of MIDI data; manipulating MIDI data - list, grid and drum editors, data filtering, quantising note data.

VIRTUAL PRODUCTION ENVIRONMENTS

Mac OS fundamentals and file management; backdrop procedures and regimes; understanding 'virtual' MIDI connections; using virtual instruments and physical synthesisers.

BASIC AUDIO INTEGRATION

Using digital audio in conjunction with MIDI data; basic editing and manipulation of audio files; using plug-ins to process audio.

MIXING TECHNIQUES

Approaches to mixing; using pan, level and EQ as tools for mixing; introduction to basic effects (reverb, delay) and processing (compression, limiting) in mixing.

MUSICAL APPROACHES TO SEQUENCING

Using score editing functions in software; techniques for experimenting with

arrangement and harmony construction using sequencers and DAWs.

ASSOCIATED TECHNOLOGIES

Basic characteristics of microphones and their effect on sound; performance tips when working with microphones; understanding monitoring (fold back) and its importance to the performer.

Learning Activities

This module will be delivered in both lecture/demonstration and workshop formats. Generally speaking, lectures will be used to introduce fundamental principles or to demonstrate the use of a particular aspect of DAW operation to a large group. Workshops will be tutor led and task based, and will allow students to put into practice topics covered in lectures on an individual workstation.

As the module progresses, these workshops will be focussed towards the completion of your coursework, with the opportunity to book individual tutorials to help you with this, or to revisit subjects that you are having difficulty with.

Your coursework is designed to assess both your practical ability and your understanding of certain concepts and techniques. In addition to handing in your finished project, you will be expected to demonstrate and talk about your work to your tutor during a scheduled assessment time.

References

Course Material	Book
Author	Bennet, S
Publishing Year	2005
Title	Making music with Logic Pro
Subtitle	
Edition	
Publisher	PC Publishing
ISBN	

Course Material	Book
Author	White, P
Publishing Year	2000
Title	Basic Microphones
Subtitle	
Edition	
Publisher	Sancturay Publishing
ISBN	

Course Material	Book
Author	White, P
Publishing Year	2000
Title	Basic Mixing Techniques
Subtitle	
Edition	
Publisher	Sanctuary Publishing
ISBN	

Notes

For modules with multiple assessments students must pass all individual elements, as detailed in the Principles and Procedures for Higher Education A2.3.4