

Module Specification

Module Title: Specialist Group Study Music Production 1

Module code:	HBAMPR002	NQF level:	Level 4
Credit value:	30 credits	Semester of study:	1 and 2
Applicable pathways:	Production	Pre-requisites:	None

Module overview

Students will explore the functionality and operation of principal DAW software. Topics may include:

- Digital Audio Principles (sample rate, bit depth.
- Niquist Theorem etc).
- Audio editing and manipulation including Flex time/Elastic Audio.
- Editing, Beat Detective.
- Dynamic and FX processing utilising software, plug-ins.
- MIDI sequencing and Editing.
- MIDI controllers.
- Software Instruments.
- Mixing in the DAW environment.

Aims

This module is designed to complement studio work undertaken in specialist Study Production 1. Students acquire essential skills and information of the principal industry standard Digital Audio Workstation (DAW) software which they can apply to live recording sessions.

The module aims to:

1. Enable students to attain a practical and theoretical understanding of the principal industry standard Digital Audio Workstation (DAW) software.
2. Enable students to attain practical skills and knowledge for the manipulation of audio.
3. Enable students to attain practical skills and knowledge of software instruments.

Learning outcomes

On successful completion of this module, students will be able to:

1. Work competently within principal DAW environments.
2. Utilise with competence MIDI & Audio editing and manipulation within principle DAW environments.
3. Operate with competence current and contemporary computer operating systems.

Learning and teaching methods

Delivery will be in a **computer lab environment** to facilitate technical demonstrations and explanations. All students will have their own dedicated mac-based computer so they can independently study how DAW and associated music technologies, such as the use and manipulation of sample libraries, are essential for music production. Students will be given in-class practical DAW tasks pertaining to the topics covered in each lecture/demonstration.

Contact hours and directed study (over semesters 1 and 2)

Delivery type	Student hours
Indicative hours for learning and teaching activities	39 hours
Indicative hours of directed study	261 hours
Total hours (100hrs per 10 credits)	300 hours

Opportunities for formative feedback

Students will receive regular formative assessment in a lab environment as they work towards each assessment.

Assessment Method

Description of assessment	Length/Duration	Weighting	Module LOs addressed
In class assessment	110 minutes	25%	1, 2, 3
In class assessment	110 minutes	25%	1, 2, 3
Coursework	5 minutes of music and 3.5 minute vlog	50%	1, 2, 3

Re-Assessment Method*

Description of assessment	Length/Duration	Weighting	Module LOs addressed
In class assessment	110 minutes	25%	1, 2, 3
In class assessment	110 minutes	25%	1, 2, 3
Coursework	5 minutes of music and 3.5 minute vlog	50%	1, 2, 3

*Where practicable, assessments may be delivered through the conservatoire's VLE or by video to ensure that overseas students are not disadvantaged or incur unnecessary travel costs. Assessments delivered through the VLE will be timed and invigilated.

Indicative Reading List

- Collins, M. (2014) Pro Tools 11: Music Production, Recording, Editing and Mixing. Focal Press.
- Cooke FD. (2014) Pro Tools 101 , Introduction to Pro Tools 11. Boston Cengage Learning.
- Hepworth-Sawyer, Russ & Mark Cousins (2014) Logic Pro X:
- Audio & Music Production. New York: Focal Press.
- Nahmani, D. (2014) Apple Pro Training Series: Logic Pro X. San Francisco: Peachpit Press.
- Pohlmann, Ken C. (2005) Principles of Digital Audio. McGraw-Hill.