

# Music Technology

## Module Information

2022.01, Approved

### Summary Information

Module Code	4504IABCMP
Formal Module Title	Music Technology
Owning School	Liverpool Screen School
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 4
Grading Schema	40

### Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

### Partner Teaching Institution

Institution Name
Institute of the Arts Barcelona

### Learning Methods

Learning Method Type	Hours
Lecture	75
Tutorial	4
Workshop	15

### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-PAR	PAR	September	28 Weeks

## Aims and Outcomes

Aims	The aim of this module is to provide the student with the essential techniques and creative skills needed for the creation of music and audio productions using computers and other modern technology.
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**After completing the module the student should be able to:**

### Learning Outcomes

Code	Number	Description
MLO1	1	Demonstrate the ability to effectively, efficiently and creatively utilise digital audio workstations (e.g. Ableton Live, Logic).
MLO2	2	Demonstrate the ability to record instruments and other sources with fundamental techniques and processes.
MLO3	3	Demonstrate the ability to utilise the MIDI protocol to create and record with software and hardware instruments.
MLO4	4	Demonstrate the ability to create proficient music/sound based works.
MLO5	5	Demonstrate an understanding of the essential principles of music composition and sound organisation.
MLO6	6	Demonstrate an understanding and ability with basic production processes including editing and mixing.

## Module Content

Outline Syllabus	The module is designed to provide the student with the core skills and technical understanding of music technology including the operation of a digital audio workstation, the incorporation of MIDI, the fundamentals of audio recording and production, and their applications to music production and composition. The module will cover such elements as: Basic Audio Recording· Basic MIDI Recording· Song Production Fundamentals· Basic Signal Processing· Basic Audio Editing· Basic Mixing
Module Overview	
Additional Information	The module introduces students to music creation, recording and production.

## Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Practice	Practice 1	50	0	MLO1, MLO2, MLO3
Practice	Practice 2	60	0	MLO1, MLO4, MLO5, MLO6

## Module Contacts

**Module Leader**

Contact Name	Applies to all offerings	Offerings
Andrew Sherlock	Yes	N/A

**Partner Module Team**

Contact Name	Applies to all offerings	Offerings
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