



Music Technology Skills (National 4)

SCQF: level 4 (6 SCQF credit points)

Unit code: H243 74

Unit outline

The general aim of this Unit is to enable learners to develop skills and techniques relating to the creative use of music technology hardware and software to capture and manipulate audio. Learners will explore a range of uses of this technology through practical activities.

Learners who complete this Unit will be able to:

- 1 Use hardware and software to capture audio
- 2 Use hardware and software to manipulate audio

This Unit is a mandatory Unit of the National 4 Music Technology Course and is also available as a free-standing Unit. The Unit Specification should be read in conjunction with the *Unit Support Notes*, which provide advice and guidance on delivery, assessment approaches and development of skills for learning, skills for life and skills for work. Exemplification of the standards in this Unit is given in *Unit Assessment Support*.

The *Added Value Unit Specification* for the National 4 Music Technology Course gives further mandatory information on Course coverage for learners taking this Unit as part of the National 4 Music Technology Course.

Recommended entry

Entry to this Unit is at the discretion of the centre. However learners would normally be expected to have attained the skills, knowledge and understanding required by the following or equivalent qualifications and/or experience:

National 3 Music Technology Course

In terms of prior learning and experience, relevant experiences and outcomes may also provide an appropriate basis for doing this Unit.

Equality and inclusion

This Unit Specification has been designed to ensure that there are no unnecessary barriers to learning or assessment. The individual needs of learners should be taken into account when planning learning experiences, selecting assessment methods or considering alternative evidence. For further information, please refer to the *Unit Support Notes*.

Standards

Outcomes and assessment standards

Outcome 1

The learner will:

1 Use hardware and software to capture audio by:

- 1.1 Selecting and using appropriate audio input devices and sources
- 1.2 Applying appropriate microphone placement
- 1.3 Constructing the signal path
- 1.4 Setting appropriate input gain and monitoring levels

Outcome 2

The learner will:

2 Use hardware and software to manipulate audio by:

- 2.1 Applying equalisation
- 2.2 Applying time domain and other effects
- 2.3 Applying mixing techniques, including volume and panning
- 2.4 Editing tracks

Evidence Requirements for the Unit

Assessors should use their professional judgement, subject knowledge and experience, and understanding of their learners, to determine the most appropriate ways to generate evidence and the conditions and contexts in which they are used.

For this Unit, learners must provide evidence of their ability to use hardware and software to capture and manipulate audio. Evidence may be generated through a single activity or as naturally occurring evidence produced over a series of activities. Evidence may include appropriate screen shots, track sheets, session data files and audio files, supplemented by observational evidence of the Assessment Standards.

Exemplification of assessment is provided in *Unit Assessment Support*. Advice and guidance on possible approaches to assessment is provided in the *Unit Support Notes*.

Development of skills for learning, skills for life and skills for work

It is expected that learners will develop broad, generic skills through this Unit. The skills that learners will be expected to improve on and develop through the Unit are based on SQA's *Skills Framework: Skills for Learning, Skills for Life and Skills for Work* and drawn from the main skills areas listed below. These must be built into the Unit where there are appropriate opportunities.

4 Employability, enterprise and citizenship

4.2 Information and communication technology (ICT)

5 Thinking skills

5.1 Remembering

5.2 Understanding

Amplification of these is given in SQA's *Skills Framework: Skills for Learning, Skills for Life and Skills for Work*. The level of these skills should be at the same SCQF level as the Unit and be consistent with the SCQF level descriptor. Further information on building in skills for learning, skills for life and skills for work is given in the *Unit Support Notes*.

Administrative information

Published: April 2012 (version 1.0)

Superclass: LH

History of changes to National Unit Specification

Version	Description of change	Authorised by	Date

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Note: readers are advised to check SQA's website: www.sqa.org.uk to ensure they are using the most up-to-date version of the Unit Specification.

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