



---

## Music Technology Skills (National 5)

**SCQF:** level 5 (6 SCQF credit points)

**Unit code:** H243 75

### Unit outline

The general aim of this Unit is to enable learners to develop a range of 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 from a range of sources
- 2 Use hardware and software to manipulate audio from a range of sources

This Unit is a mandatory Unit of the National 5 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 *Course Assessment Specification* for the National 5 Music Technology Course gives further mandatory information on Course coverage for learners taking this Unit as part of the National 5 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 4 Music Technology Course

## **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 from a range of sources by:**

- 1.1 Selecting and using appropriate audio input devices and sources
- 1.2 Applying appropriate microphone placement and techniques
- 1.3 Constructing the signal path for multiple inputs
- 1.4 Setting appropriate input gain and monitoring levels
- 1.5 Overdubbing a track

### Outcome 2

The learner will:

#### **2 Use hardware and software to manipulate audio from a range of sources by:**

- 2.1 Applying creative/corrective equalisation
- 2.2 Applying time domain and other effects
- 2.3 Applying a range of mixing techniques
- 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 a range of hardware and software to capture and manipulate audio from a range of sources. 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.

## **3 Health and wellbeing**

3.1 Personal learning

## **4 Employability, enterprise and citizenship**

4.2 Information and communication technology (ICT)

## **5 Thinking skills**

5.2 Understanding

5.3 Applying

5.4 Analysing and evaluating

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:** June 2013 (version 1.1)

**Superclass:** LH

---

## History of changes to National Unit Specification

Version	Description of change	Authorised by	Date
1.1	Added 'and sources' to Assessment Standard 1.1.	Qualifications Development Manager	June 2013

This specification may be reproduced in whole or in part for educational purposes provided that no profit is derived from reproduction and that, if reproduced in part, the source is acknowledged. Additional copies of this Unit can be downloaded from SQA's website at [www.sqa.org.uk](http://www.sqa.org.uk).

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

© Scottish Qualifications Authority 2013