Title	Demonstrate and apply knowledge of electronic music production and music notation application(s)
Level	2	Credits	4

Purpose	People credited with this unit standard are able to: demonstrate and apply knowledge of electronic music production processes using sequencing applications; and demonstrate and apply knowledge of music notation application(s) by creating a notated score.

Classification	Music > Music Technology

Available grade	Achieved

Entry information	
Recommended skills and knowledge	Unit 27656, *Demonstrate and apply introductory knowledge of music technology equipment and techniques.*

| Criteria for Merit | In creating a sequence and notated score, candidates must be able to demonstrate integration of knowledge between the processes and the features and functions of the application(s) used to assemble the sequence and create the notated score.

The candidate uses technical language to describe the processes, features and functions, data types. |
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| Criteria for Excellence | In creating a sequence and notated score, candidates must be able to demonstrate a high level of integration of knowledge between processes and the features and functions of the application(s) used to assemble the sequence; and create the notated score.

The candidate uses a range of technical language confidently and accurately to describe the processes, features and functions and data types. |
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Explanatory notes

1   This unit standard can be awarded with *Credit (Achieved), Merit* or *Excellence.* For award with *Credit (Achieved),* all outcomes must be achieved as specified in the outcome statements. For *Merit* or *Excellence* to be awarded, the candidate must also meet the *Merit* or *Excellence* criteria specified above.

2   Candidates are expected to take due care with all electrical equipment, observing manufacturers' recommendations and warnings stated in operation manuals.

3   The score used to achieve outcome 2 must be supplied by the assessor and must contain sufficient detail to allow the processes and features of the music notation application(s) to be used.

4   Definitions
    Capture means an input method such as step time input, drag and drop, real time input, source material, file import.
    Documented application(s) specifications mean the documented parameters within which the application may be used to create the sequence and score. This may be documented in the form of a manual, getting started guide, help menu or equivalent.
    Layout means instrument order, systems per page, bars per system, typeface, engraving rules.
    Metadata means additional file data the file content or structure. For example: sequence – volume automation; score – composer, title.
    Musically convincing for the purpose of this unit standard means the pitches; rhythms; tempo; feel; timbre; and mix (the sonic balance of the channels) are accurate.
    Notated score means a score that follows standard music notation conventions.
    Stylistically consistent means conforming to the known notation conventions of genre and context.
    Technical language means the specialised terminology associated with music technology and may include but is not limited to – specifications, relevant jargon, trade names, acronyms.

Outcomes and evidence requirements

Outcome 1

Demonstrate and apply knowledge of electronic music production processes using sequencing application(s).

Range   a musically convincing sequence of a minimum of two tracks which are between twenty eight and thirty two bars in length each.

Evidence requirements

1.1   Electronic music production processes using sequencing application(s) are demonstrated according to documented application(s) specifications.

      Range   processes include but are not limited to – recording, capturing, editing, mixing, playback, bounce, store.

1.2 Electronic music production processes using sequencing application(s) are demonstrated by using the features and functions of the application(s) according to documented application(s) specifications.

Range features and functions include but are not limited to – track, click, region, add effect(s).

1.3 Electronic music production processes are described in terms of data types and their specifications.

Range includes but is not limited to at least two of – MIDI data, audio data, metadata.

Outcome 2

Demonstrate and apply knowledge of music notation application(s) by creating a notated score.

Range a stylistically consistent score with a minimum of two staves which is between twenty eight and thirty two bars in length;
notation conventions include but are not limited to – pitches, including accidentals; rests; rhythms; chord indications; dynamics; instrument names; tempo or metronome marking; feel; repeat sign; anacrusis.
a minimum of six conventions are required.

Evidence requirements

2.1 Processes used to create a notated score using music notation application(s) are demonstrated according to documented application(s) specifications.

Range processes include but are not limited to – layout, record, capture, edit, playback, store.

2.2 Features and functions of music notation application(s) used to create a notated score are operated according to documented application(s) specifications.

Range features and functions include but are not limited to – metronome, part, channel, instrument(s), staves.

Replacement information	This unit standard replaced unit standard 23729.

Planned review date	31 December 2020

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15 March 2012	N/A
Rollover and Revision	2	20 August 2015	N/A

Consent and Moderation Requirements (CMR) reference	0226

This CMR can be accessed at http://www.nzqa.govt.nz/framework/search/index.do.

Please note
Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMR). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact NZQA National Qualifications Services nqs@nzqa.govt.nz if you wish to suggest changes to the content of this unit standard.