

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.
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Classification	Music > Music Technology
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Available grade	Achieved, Merit, and Excellence
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Criteria for Merit	<p>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.</p> <p>The candidate uses technical language to describe the processes, features and functions, data types.</p>
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Criteria for Excellence	<p>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.</p> <p>The candidate uses a range of technical language confidently and accurately to describe the processes, features and functions and data types.</p>
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Guidance Information

- 1 Recommended skills and knowledge: Unit 27656, *Demonstrate and apply introductory knowledge of music technology equipment and techniques*.
- 2 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.

- 3 Candidates are expected to take due care with all electrical equipment, observing manufacturers' recommendations and warnings stated in operation manuals.
- 4 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.
- 5 **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 performance criteria

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.

Performance criteria

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.

Performance criteria

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	<p>This unit standard was replaced by unit standard 32302 and unit standard 32303.</p> <p>This unit standard replaced unit standard 23729.</p>
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This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15 March 2012	31 December 2022
Rollover and Revision	2	20 August 2015	31 December 2022
Review	3	10 December 2020	31 December 2022

Consent and Moderation Requirements (CMR) reference	0226
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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