

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 software, and demonstrate and apply knowledge of music notation application(s) by creating a score
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Classification	Music > Music Technology
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Available grade	Achieved, Merit, and Excellence
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Entry information	
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Recommended skills and knowledge	Unit Mustec1 <i>Demonstrate and apply introductory knowledge of music technology equipment and techniques.</i>
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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 purpose of the processes and the functions of the application(s) used to assemble the sequence and recreate the score.</p> <p>The candidate requires minimal prompting in using terminology to describe the processes, features, data types, and specifications.</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 the purpose of the processes and the functions of the application(s) used to assemble the sequence; and recreate the score.</p> <p>The candidate must confidently and accurately use a range of terminology to describe the processes, features, data types and specifications without prompt.</p>
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Explanatory notes

- 1 Candidates are expected to take due care with all electrical equipment, observing manufacturers' recommendations and warnings stated in operation manuals.
- 2 The score used to achieve outcome 2 must be supplied by the assessor and must contain sufficient detail to allow the processes and features to be used.
- 3 Definitions
 - capturing* means an input method such as step time input, drag and drop, real time input, source material, file import.
 - layout* means instrument order, systems per page, bars per system, typeface, engraving rules.
 - meta data* means additional file data the file content or structure. For example: composer, title.
 - musically convincing* for the purpose of this unit standard means accuracy of the: pitches; rhythms; tempo; feel; timbral accuracy; mix (the sonic balance of the channels).
 - notated music score* means a score that follows standard music notation.
 - recognised conventions* means the accepted use and operation of the application.
 - stylistically consistent* means conforming to the known notation conventions of genre and context.

Outcomes and evidence requirements

Outcome 1

Demonstrate and apply knowledge of electronic music production processes using sequencing software.

Range a musically convincing sequence of a minimum of two tracks at least twelve bars in length.

Evidence requirements

1.1 Electronic music production processes are demonstrated according to recognised conventions.

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

1.2 Electronic music production is demonstrated by the use of the features and functions of the application according to recognised conventions.

Range features include but are not limited to – track, click, channel, region, insert effect.

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

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

Outcome 2

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

Range a stylistically consistent score with a minimum of twelve bars containing accurate: pitches, including accidentals; rests; rhythms; chord indications; tempo and metronome marking; feel; repeat sign; anacrusis.

Evidence requirements

2.1 Processes used to create a score using music notation application(s) are demonstrated according to recognised conventions.

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

2.2 Features and functions of music notation application(s) used to create a score are demonstrated according to recognised conventions.

Range features and functions include but are not limited to – metronome, part, channel, instruments, staves.

Replacement information	
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Planned review date	31 December 2014
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 July 2007	N/A
Rollover and Revision	2	22 October 2010	N/A

Accreditation and Moderation Action Plan (AMAP) reference	0226
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This AMAP 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, or an inter-institutional body with delegated authority for quality assurance, 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.

Consent requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP 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 the NZQA National Qualifications Services nqs@nzqa.govt.nz if you wish to suggest changes to the content of this unit standard.