

<b>Title</b>	<b>Apply and operate music sequencing and editing application(s)</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	People credited with this unit standard are able to apply and operate music sequencing and editing application(s).
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<b>Classification</b>	Music > Music Technology
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<b>Available grade</b>	Achieved, Merit, and Excellence
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<b>Criteria for Merit</b>	Candidates must be able to assemble, edit and mix a sequence that is balanced and has sonic clarity, feel and depth.
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<b>Criteria for Excellence</b>	Candidates must be able to assemble, edit and mix a sequence that is balanced and has sonic clarity, feel and depth; refinement and stylistic integrity.
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### Guidance Information

- 1 The recommended skills and knowledge for entry into this standard are contained in Unit XXXXX (proposed new standard), *Apply knowledge of MIDI sequencing*.
- 2 This unit standard can be awarded with an *Achieved, Merit or Excellence* grade. For an *Achieved* grade, all outcomes must be achieved as specified in the outcome statement. For *Merit* or *Excellence* grades, the candidate must also meet the relevant 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 Music sequencing and editing application(s) may include – a digital audio workstation, hardware sequencer, or equivalent.
- 5 Definitions  
*ADSR* means attack, decay, sustain, release of a synthesised sound.  
*Insert and mix effects* include but are not limited to use of – reverbs, delays, equalisation (EQ).  
*Feel* means the rhythmic placement in the continuum from hard straight to hard swing with appropriate accents and beat divisions.  
*Selective rhythmic quantising* means the candidate makes musical decisions, within parts, to quantise, e.g. zero to a percentage, or groove template.  
*Synthesizer* means an electronic musical instrument, that either in part or whole, generates or manipulates waveforms (e.g. using ADSR) that may be converted to

sound. Methods may include traditional synthesis such as subtractive, additive and frequency modulation, as well as newer models such as physical modelling and sample synthesis.

## Outcomes and performance criteria

### Outcome 1

Apply and operate music sequencing application(s).

Range a sequence of a minimum of three minutes and four instrument tracks.

### Performance Criteria

1.1 A multi-tracked sequence is assembled, edited, and mixed using either software instruments, or a combination of software and real instruments, in accordance with application(s) specifications.

Range the sequence uses – tempo change(s); selective rhythmic quantisation while maintaining feel; insert and mix effects.

1.2 An audio track is used to contain a short region of audio, recorded or imported from a sample, to which audio manipulations have been applied.

Range manipulations include but are not limited to – pitch, time compression/expansion, warping/ slicing, envelope (ADSR); a minimum of two manipulations.

1.3 A synthesiser is used, to which functional timbral changes have been applied, on one of the tracks.

Range includes – manipulation of at least two parameters e.g. oscillator, filter, envelope (ADSR), LFO.

<b>Replacement information</b>	This unit standard replaced unit standard 23730.
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<b>Planned review date</b>	31 December 2025
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### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1		

<b>Consent and Moderation Requirements (CMR) reference</b>	0226
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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.

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**Comments on this unit standard**

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