

<b>Title</b>	<b>Use a music sequencing application to create a multi-track sequence</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 use a music sequencing application to create a multi-track sequence.
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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>	Assemble, edit and mix a multi-track sequence that is balanced and has sonic clarity, feel and depth.
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<b>Criteria for Excellence</b>	Assemble, edit and mix a multi-track 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 unit standard are contained in Unit 32302, *Create, edit and mix a sequence using a sequencer or digital audio workstation*.
- 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 Learners 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 aux effects* include but are not limited to use of – compression, reverbs, delays, equalisation (EQ).  
*Feel* means the rhythmic placement in the continuum from hard straight to hard swing with appropriate accents and beat divisions.  
*LFO* means low-frequency oscillation.  
*Selective rhythmic quantising* means the candidate makes musical decisions, within parts, to quantise, e.g. zero to a percentage, or groove template.

*Synthesiser* 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

Use a music sequencing application to create a multi-track sequence.

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

### Performance criteria

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

Range the sequence uses – tempo change(s), selective rhythmic quantising while maintaining feel, insert and aux effects.

1.2 An audio track is used to contain a short region of audio, either 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 (digital or physical), to which functional timbral changes have been applied, is used 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 and unit standard 32305 replaced unit standard 23730.
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<b>Planned review date</b>	31 December 2030
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### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	10 December 2020	31 December 2027
Review	2	30 April 2026	N/A

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

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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.