

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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Entry information

Recommended skills and knowledge	Unit 27656, <i>Demonstrate and apply introductory knowledge of music technology equipment and techniques.</i>
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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.

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

Demonstrate and apply knowledge of electronic music production and music notation application(s)

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.

YOU CAN CHOOSE TO DO THIS STANDARD IN CONJUNCTION WITH YOUR COMPOSITION STANDARD BUT YOU WILL HAVE TO UNDERSTAND BOTH ASSESSMENT CRITERIA.

TASKS:

Go to the [Google Slides resource](#).

[L2 US 97658 Demonstrate and apply knowledge of electronic music production and music notation application\(s\)](#)

Outcome 1

Create

Use "Soundtrap" or the equivalent and create-

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

To Do

Read and do the following:

You need to check your understanding of processes and include evidence of your application of them.

To do this: Take notes below as you go but also-

Hand in:

- This completed resource.
- An annotated screen shot explaining the processors
- A link to your sequence.

PROCESSORS		
1.1 <i>Electronic music production processes using sequencing application(s) are demonstrated according to documented application(s) specifications.</i>		
Vocab	Definition	Notes on how you used it
recording,		
capturing,		
editing,		
mixing,		
playback,		
bounce,		
store.		
<i>other</i>		

FEATURES AND FUNCTIONS		
1.2 <i>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.</i>		
Vocab	Definition	Notes on how you used it
track,		
click,		
region,		
add effect(s).		
<i>other</i>		

DATA TYPES AND THEIR SPECIFICATIONS.		
1.3 <i>Electronic music production processes are described in terms of data types and their specifications.</i>		
At least two off		
MIDI data,		
audio data,		
metadata		
<i>other</i>		

Outcome 2

Use “Noteflight” or equivalent notation application (e.g. sibelius, google flat, musescore) to-

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

To Do

Create

Copy the score below of the “Hall of the Mountain King” into a notation programme. a stylistically consistent score with a minimum of two staves which is between twenty eight and thirty two bars in length;

to buy copy

<https://www.musicnotes.com/sheetmusic/mtd.asp?>

<https://documentcloud.adobe.com/link/track?>

Read and do the following:

Check your understanding of these processes and include evidence of your application of these. Take notes here as you go but also hand in: a printed copy and a link to your score.

Use this score to write your notation

NOTATION CONVENTIONS

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

Minimum six	Definition	Notes on how you used it (ex. Bar)
accidentals		
rhythms		
itches		
chord indications		
rests		
dynamics		
instrument names		
metronome marking		
feel		
repeat sign		
anacrusis		
<i>other</i>		

PROCESSES	
2.1	<i>Processes used to create a notated score using music notation application(s) are demonstrated according to documented application(s) specifications.</i>
Notes on how you used it	
layout, record capture, edit playback, store	

FEATURES AND FUNCTIONS	
2.2	<i>Features and functions of music notation application(s) used to create a notated score are operated according to documented application(s) specifications.</i>
Notes on how you used it	
metronome, part, channel, instrument(s), staves.	

ASSESSMENT CRITERIA

Achieved	Merit	Excellence
<p>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.</p>	<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>	<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>