



# PERF11027 *Production Fundamentals 2*

## Term 2 - 2024

Profile information current as at 29/07/2024 03:56 pm

All details in this unit profile for PERF11027 have been officially approved by CQUniversity and represent a learning partnership between the University and you (our student). The information will not be changed unless absolutely necessary and any change will be clearly indicated by an approved correction included in the profile.

### General Information

#### Overview

Through continuing your studies in music and production fundamentals, you will gain knowledge of how music is created, rehearsed, recorded and performed. You will specialise in genres such as jazz, rock, pop, rhythm and blues, funk and soul. Using industry recognised software, you will gain further experience with Musical Instrument Digital Interface (MIDI), software synthesisers, sequencing, multi-track recordings, editing and audio mixing. The study of practical and theoretical principles gives you the opportunity to explore various performance, technical and creative skills.

#### Details

Career Level: *Undergraduate*

Unit Level: *Level 1*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

#### Pre-requisites or Co-requisites

There are no requisites for this unit.

Important note: Students enrolled in a subsequent unit who failed their pre-requisite unit, should drop the subsequent unit before the census date or within 10 working days of Fail grade notification. Students who do not drop the unit in this timeframe cannot later drop the unit without academic and financial liability. See details in the [Assessment Policy and Procedure \(Higher Education Coursework\)](#).

#### Offerings For Term 2 - 2024

- Mackay
- Online

#### Attendance Requirements

All on-campus students are expected to attend scheduled classes – in some units, these classes are identified as a mandatory (pass/fail) component and attendance is compulsory. International students, on a student visa, must maintain a full time study load and meet both attendance and academic progress requirements in each study period (satisfactory attendance for International students is defined as maintaining at least an 80% attendance record).

#### Website

[This unit has a website, within the Moodle system, which is available two weeks before the start of term. It is important that you visit your Moodle site throughout the term. Please visit Moodle for more information.](#)

## Class and Assessment Overview

### Recommended Student Time Commitment

Each 6-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 12.5 hours of study per week, making a total of 150 hours for the unit.

### Class Timetable

#### [Regional Campuses](#)

Bundaberg, Cairns, Emerald, Gladstone, Mackay, Rockhampton, Townsville

#### [Metropolitan Campuses](#)

Adelaide, Brisbane, Melbourne, Perth, Sydney

### Assessment Overview

#### 1. **Practical Assessment**

Weighting: 35%

#### 2. **Practical Assessment**

Weighting: 35%

#### 3. **Practical Assessment**

Weighting: 30%

### Assessment Grading

This is a graded unit: your overall grade will be calculated from the marks or grades for each assessment task, based on the relative weightings shown in the table above. You must obtain an overall mark for the unit of at least 50%, or an overall grade of 'pass' in order to pass the unit. If any 'pass/fail' tasks are shown in the table above they must also be completed successfully ('pass' grade). You must also meet any minimum mark requirements specified for a particular assessment task, as detailed in the 'assessment task' section (note that in some instances, the minimum mark for a task may be greater than 50%). Consult the [University's Grades and Results Policy](#) for more details of interim results and final grades.

## CQUniversity Policies

**All University policies are available on the [CQUniversity Policy site](#).**

You may wish to view these policies:

- Grades and Results Policy
- Assessment Policy and Procedure (Higher Education Coursework)
- Review of Grade Procedure
- Student Academic Integrity Policy and Procedure
- Monitoring Academic Progress (MAP) Policy and Procedure – Domestic Students
- Monitoring Academic Progress (MAP) Policy and Procedure – International Students
- Student Refund and Credit Balance Policy and Procedure
- Student Feedback – Compliments and Complaints Policy and Procedure
- Information and Communications Technology Acceptable Use Policy and Procedure

This list is not an exhaustive list of all University policies. The full list of University policies are available on the [CQUniversity Policy site](#).

## Previous Student Feedback

### Feedback, Recommendations and Responses

Every unit is reviewed for enhancement each year. At the most recent review, the following staff and student feedback items were identified and recommendations were made.

#### Feedback from Staff reflection

**Feedback**

Create and curate additional learning resources to support student learning.

**Recommendation**

Recommend enhancing students' MIDI production skills by creating additional resources such as tutorials, practice exercises, and access to relevant software tools to enrich their learning experience and proficiency in this crucial area.

## Unit Learning Outcomes

**On successful completion of this unit, you will be able to:**

1. Implement at a foundation level, a range of music and production techniques pertinent to your specialisation within various live or recorded music and production contexts
2. Apply, at a foundation level, a range of technical and creative skills pertinent to your specialisation, specific to music and production within various live or recorded contexts
3. Develop, to a foundation level, musical skills of stylistic authenticity pertinent to your specialisation within a range of live or recorded music and production contexts.

## Alignment of Learning Outcomes, Assessment and Graduate Attributes



### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes		
	1	2	3
1 - Practical Assessment - 35%	•		
2 - Practical Assessment - 35%		•	
3 - Practical Assessment - 30%			•

### Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes		
	1	2	3
1 - Communication	•	•	•
2 - Problem Solving	•	•	•
3 - Critical Thinking			•
4 - Information Literacy			
5 - Team Work			
6 - Information Technology Competence	•	•	•
7 - Cross Cultural Competence			
8 - Ethical practice			
9 - Social Innovation			
10 - Aboriginal and Torres Strait Islander Cultures			

## Textbooks and Resources

### Textbooks

**There are no required textbooks.**

### IT Resources

**You will need access to the following IT resources:**

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- Ableton Live software

## Referencing Style

All submissions for this unit must use the referencing style: [American Psychological Association 7th Edition \(APA 7th edition\)](#)

For further information, see the Assessment Tasks.

## Teaching Contacts

**Patty Preece** Unit Coordinator

[p.preece@cqu.edu.au](mailto:p.preece@cqu.edu.au)

## Schedule

### Week 1 - 08 Jul 2024

Module/Topic	Chapter	Events and Submissions/Topic
Introduction to Unit Introduction to MIDI and software instruments		

### Week 2 - 15 Jul 2024

Module/Topic	Chapter	Events and Submissions/Topic
MIDI sequencing 1 - drums and percussive patterns		

### Week 3 - 22 Jul 2024

Module/Topic	Chapter	Events and Submissions/Topic
MIDI sequencing 2 - creating chords		

### Week 4 - 29 Jul 2024

Module/Topic	Chapter	Events and Submissions/Topic
MIDI sequencing 3 - bass and lead lines		

### Week 5 - 05 Aug 2024

Module/Topic	Chapter	Events and Submissions/Topic
Subtractive synthesis		<b>MIDI Sequencing</b> Due: Week 5 Friday (9 Aug 2024) 11:45 pm AEST

### Vacation Week - 12 Aug 2024

Module/Topic	Chapter	Events and Submissions/Topic
<b>Week 6 - 19 Aug 2024</b>		
Module/Topic	Chapter	Events and Submissions/Topic
Sampling		
<b>Week 7 - 26 Aug 2024</b>		
Module/Topic	Chapter	Events and Submissions/Topic
Instrument racks		
<b>Week 8 - 02 Sep 2024</b>		
Module/Topic	Chapter	Events and Submissions/Topic
MIDI effects		
<b>Week 9 - 09 Sep 2024</b>		
Module/Topic	Chapter	Events and Submissions/Topic
MIDI arrangement		<b>Sound Design</b> Due: Week 9 Friday (13 Sept 2024) 11:45 pm AEST
<b>Week 10 - 16 Sep 2024</b>		
Module/Topic	Chapter	Events and Submissions/Topic
Project week		
<b>Week 11 - 23 Sep 2024</b>		
Module/Topic	Chapter	Events and Submissions/Topic
Transitions		
<b>Week 12 - 30 Sep 2024</b>		
Module/Topic	Chapter	Events and Submissions/Topic
Final mix, automation and media preparation		
<b>Review/Exam Week - 07 Oct 2024</b>		
Module/Topic	Chapter	Events and Submissions/Topic
		<b>MIDI Arrangement</b> Due: Review/Exam Week Friday (11 Oct 2024) 11:45 pm AEST
<b>Exam Week - 14 Oct 2024</b>		
Module/Topic	Chapter	Events and Submissions/Topic

## Assessment Tasks

### 1 MIDI Sequencing

#### Assessment Type

Practical Assessment

#### Task Description

In this assessment, you will be required to perform a series of MIDI sequencing tasks. To complete this assessment, download the '**project brief**' document from Moodle as well as the Ableton Live set. You will be required to use the MIDI sequencing and edit functions of Ableton Live including but not limited to:

- Draw

- Note length
- Velocity
- Copy
- Paste
- Cut
- Duplicate
- Loop

Once you have completed all the steps outlined in the project brief, **“collect all and save”** your session. Navigate to the location on your computer where you saved your session. Right-click on the top level project folder to compress/zip the Ableton Live project.

Name the folder: Edit assessment\_YourName. This will create a .zip file that you can upload to Moodle as your submission.

### **Use of Generative Artificial Intelligence agents (Gen AI)**

Within this assessment, the use of Gen AI agents is as follows:

- Gen AI content is used to generate ideas and general structures.

### **Assessment Due Date**

Week 5 Friday (9 Aug 2024) 11:45 pm AEST

### **Return Date to Students**

Week 7 Friday (30 Aug 2024)

### **Weighting**

35%

### **Assessment Criteria**

- MIDI sequencing - correct note placement - 30%
- MIDI sequencing - correct note velocity - 30%
- MIDI sequencing - correct note duration -10%
- Loop points are applied effectively to all clips - 20%
- Ableton Live session handling - 10%

### **Referencing Style**

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

### **Submission**

Online

### **Learning Outcomes Assessed**

- Implement at a foundation level, a range of music and production techniques pertinent to your specialisation within various live or recorded music and production contexts

## **2 Sound Design**

### **Assessment Type**

Practical Assessment

### **Task Description**

In this assessment task, you will be required to create a series of sounds using the Ableton Live software instruments. To complete this assessment, download the '**project brief**' document from Moodle as well as the Ableton Live set. You will be required to apply principles of synthesis and sampling as well as use the built-in sound design tools of Ableton Live including but not limited to:

- EQ
- Time-based effects

- Arpeggiator
- Modulation

### **Use of Generative Artificial Intelligence agents (Gen AI)**

Within this assessment, the use of Gen AI agents is as follows:

- No Gen AI use at any point during this assessment.

### **Assessment Due Date**

Week 9 Friday (13 Sept 2024) 11:45 pm AEST

### **Return Date to Students**

Week 11 Friday (27 Sept 2024)

### **Weighting**

35%

### **Assessment Criteria**

- Sound design meets the requirements of the brief - 20%
- Drum sound design using drum racks and informed by genre - 15%
- Bass sound design informed by genre - 15%
- Pad sound design informed by genre - 15%
- Time-based effects applied effectively to all instruments - 10%
- Ableton Live racks used to create performative instruments - 10%
- MIDI effects applied effectively - 5%
- Ableton Live session handling - 10%

### **Referencing Style**

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

### **Submission**

Online

### **Learning Outcomes Assessed**

- Apply, at a foundation level, a range of technical and creative skills pertinent to your specialisation, specific to music and production within various live or recorded contexts

## **3 MIDI Arrangement**

### **Assessment Type**

Practical Assessment

### **Task Description**

Objective:

Recreate a 32-bar arrangement of the provided reference track using Ableton Live and software instruments. This task will assess your ability to accurately transcribe, arrange, and produce a piece of music using MIDI sequencing.

### **Task Description:**

1. Reference Track: You will be provided with a reference track. Your objective is to recreate a 32-bar section of this track.
2. Software Instruments: Use Ableton Live and its built-in software instruments to recreate the arrangement. You may also use any additional software instruments available to you.
3. MIDI Sequencing: Focus on accurately transcribing the melody, harmony, bassline, and percussion parts from the reference track.
4. Arrangement: Arrange the MIDI parts to match the structure and style of the reference track as closely as possible.
5. Effects and Automation: Apply appropriate MIDI effects, time-based effects, and automation to enhance the arrangement and replicate the sound of the reference track.



6. Session Handling: Ensure your Ableton Live session is well-organised with clearly labelled tracks and clips

### Notes

You may add additional sounds as you see fit, including acoustic instruments and samples (eg vocals or guitar).

### Submission guidelines

- Your final bounce will be a stereo mix of your signals with a peak level of no more than -3 dBFS.
- You will be required to submit both a stereo bounce of your composition as well as your Ableton Live Project.
- Your project should not contain any missing media or unused tracks.

### Use of Generative Artificial Intelligence agents (Gen AI)

Within this assessment, the use of Gen AI agents is as follows:

- Gen AI content is used to generate ideas and general structures.

### Assessment Due Date

Review/Exam Week Friday (11 Oct 2024) 11:45 pm AEST

### Return Date to Students

Exam Week Friday (18 Oct 2024)

### Weighting

30%

### Assessment Criteria

- Composition demonstrates genre-specific production techniques - 20%
  - Use of Techniques (10%): Effective use of genre-specific production techniques, such as instrumentation, rhythm, and stylistic elements that align with the reference track.
  - Authenticity and Style (10%): The composition authentically captures the style and feel of the genre of the reference track.
- Composition meets submission requirements - 20%
  - The submission follows the task instructions, including the accurate recreation of a 32-bar section of the reference track.
- Sound design is implemented effectively - 20%
  - Instrument Selection (10%): Appropriate selection of software instruments that closely match the sounds in the reference track.
  - Sound Quality and Creativity (10%): High-quality and creative sound design that enhances the overall composition.
- MIDI sequencing is implemented effectively - 20%
  - Melody and Harmony (10%): Accurate transcription and sequencing of the melody and harmony parts.
  - Rhythm and Percussion (10%): Accurate transcription and sequencing of the drum and percussion parts, including any groove or swing characteristics.
- Presentation and project handling - 20%
  - Organisation and Workflow (10%): Well-organised Ableton Live session with clearly labelled tracks, clips, and a logical arrangement.
  - Technical Proficiency (10%): Effective use of Ableton Live features, including track management, clip launching, automation, and effects handling.

### Referencing Style

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

**Submission**

Online

**Learning Outcomes Assessed**

- Develop, to a foundation level, musical skills of stylistic authenticity pertinent to your specialisation within a range of live or recorded music and production contexts.

## Academic Integrity Statement

As a CQUniversity student you are expected to act honestly in all aspects of your academic work.

Any assessable work undertaken or submitted for review or assessment must be your own work. Assessable work is any type of work you do to meet the assessment requirements in the unit, including draft work submitted for review and feedback and final work to be assessed.

When you use the ideas, words or data of others in your assessment, you must thoroughly and clearly acknowledge the source of this information by using the correct referencing style for your unit. Using others' work without proper acknowledgement may be considered a form of intellectual dishonesty.

Participating honestly, respectfully, responsibly, and fairly in your university study ensures the CQUniversity qualification you earn will be valued as a true indication of your individual academic achievement and will continue to receive the respect and recognition it deserves.

As a student, you are responsible for reading and following CQUniversity's policies, including the [Student Academic Integrity Policy and Procedure](#). This policy sets out CQUniversity's expectations of you to act with integrity, examples of academic integrity breaches to avoid, the processes used to address alleged breaches of academic integrity, and potential penalties.

**What is a breach of academic integrity?**

A breach of academic integrity includes but is not limited to plagiarism, self-plagiarism, collusion, cheating, contract cheating, and academic misconduct. The Student Academic Integrity Policy and Procedure defines what these terms mean and gives examples.

**Why is academic integrity important?**

A breach of academic integrity may result in one or more penalties, including suspension or even expulsion from the University. It can also have negative implications for student visas and future enrolment at CQUniversity or elsewhere. Students who engage in contract cheating also risk being blackmailed by contract cheating services.

**Where can I get assistance?**

For academic advice and guidance, the [Academic Learning Centre \(ALC\)](#) can support you in becoming confident in completing assessments with integrity and of high standard.

**What can you do to act with integrity?**



**Be Honest**

If your assessment task is done by someone else, it would be dishonest of you to claim it as your own



**Seek Help**

If you are not sure about how to cite or reference in essays, reports etc, then seek help from your lecturer, the library or the Academic Learning Centre (ALC)



**Produce Original Work**

Originality comes from your ability to read widely, think critically, and apply your gained knowledge to address a question or problem