



# CART11010 Studio Recording and Digital Audio

## Term 2 - 2018

Profile information current as at 28/04/2024 08:09 am

All details in this unit profile for CART11010 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

This unit explores two areas of musical performance: the possibilities and potential of collaborative performance, and the processes of studio recording. You will partner with other musicians to collaboratively create recordings and live performances. You will also expand your knowledge of recording in the studio and consider the process of mixing.

### 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

Prerequisite: CART11009 Music Production 1: Fundamental Recording and Performance

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 - 2018

- Cairns

### 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: 25%

#### 2. **Creative work**

Weighting: 25%

#### 3. **Portfolio**

Weighting: 40%

#### 4. **Reflective Practice Assignment**

Weighting: 10%

### 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 Students/Staff

##### Feedback

Teaching resources

##### Recommendation

Identify a textbook to assist in the delivery of the songwriting portion of the unit.

## Unit Learning Outcomes

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

1. Apply digital audio techniques in a manner that displays technical and creative understanding, fluency and reflective practice
2. Perform on your chosen instrument in a manner that displays practical and creative understanding and fluency
3. Operate multitrack recording equipment to produce a song to a defined standard.

## Alignment of Learning Outcomes, Assessment and Graduate Attributes



N/A  
Level



Introductory  
Level



Intermediate  
Level



Graduate  
Level



Professional  
Level



Advanced  
Level

### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes		
	1	2	3
1 - Performance - 30%		•	
2 - Creative work - 40%	•		•
3 - Presentation - 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	•	•	•

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

## Alignment of Assessment Tasks to Graduate Attributes

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
1 - Performance - 30%	•	•	•	•	•					
2 - Creative work - 40%	•	•	•	•	•	•				
3 - Presentation - 30%	•	•	•	•	•	•				

## Textbooks and Resources

### Textbooks

CART11010

#### Supplementary

#### The Music Producer's Handbook

Edition: 2nd (2016)

Authors: Bobby Owsinski

Hal Leonard Corporation

Milwaukee , WI , USA

ISBN: 0071422722

Binding: eBook

[View textbooks at the CQUniversity Bookshop](#)

### IT Resources

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

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

## Referencing Style

All submissions for this unit must use the referencing style: [American Psychological Association 6th Edition \(APA 6th edition\)](#)

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 - 09 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
Production: Unit overview and critical listening session. Planning a studio recording project. Performance: Open performance.	Chapter 3 - The Elements Of Music Production <b>Chapter 16: EDM, Pop, And Hip-Hop Production</b>	

### Week 2 - 16 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
Production: Introduction to Ableton Live software and electronic music production (EMP). Approaches to recording - creating guide tracks. Performance: Open performance.	<b>Chapter 9 - Basic Tracks - Where The Magic Is Made</b>	

### Week 3 - 23 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
Production: Rhythm and beats in EMP - part 1. Approaches to recording - tracking live. Performance: Group A - un-assessed performance	<b>Chapter 5 - It's All In The Song</b>	

### Week 4 - 30 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
Production: Rhythm and beats in EMP - part 2. Approaches to recording - double tracking. Performance: Group B - un-assessed performance	<b>Chapter 10 - Overdubs</b>	

### Week 5 - 06 Aug 2018

Module/Topic	Chapter	Events and Submissions/Topic
Production: Keys and chords in EMP - part 1. Approaches to recording - using punch recording and playlists. Performance: Group C - un-assessed performance	<b>Chapter 6 - Music Mechanics</b>	

### Vacation Week - 13 Aug 2018

Module/Topic	Chapter	Events and Submissions/Topic
--------------	---------	------------------------------

**Week 6 - 20 Aug 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Production: Keys and chords in EMP - part 2. Preparing your production for mixing in the box. Performance: Open performance.	<b>Chapter 12 - Mixing - Where It's Make Or Break</b>	

**Week 7 - 27 Aug 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Production: Chord progressions in EMP - part 1. Mixing in the box - applying EQ and other spectral based processing. Performance: Group A - assessed performance 1.	<b>Chapter 13: Self-Production</b>	Group A - Performance assessment 1

**Week 8 - 03 Sep 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Production: Approaches to writing in EMP. Mixing in the box - applying dynamics based processing. Performance: Group B - assessed performance.	<b>Chapter 14 - Mixing: Where It's Make Or Break</b>	Group B - Performance Assessment 1

**Week 9 - 10 Sep 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Production: Arrangement in EMP. Mixing in the box - applying time based effects. Performance: Group C - assessed performance 1		Group C - Performance Assessment 1

**Week 10 - 17 Sep 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Production: Vocal sampling techniques. Mixing in the box - Applying genre specific mixing techniques. Performance: Formal audition style performance.		Performance Assessment 2

**Week 11 - 24 Sep 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Production: Applying genre specific production techniques in EMP. Mixing in the box - Levels and metering. Performance: Open performance.		

**Week 12 - 01 Oct 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Production: Exporting and media preparation - Ableton Live Exporting and media preparation - Pro Tools. Performance: Assessed performance 3.		Performance Assessment 3.  <b>Collaborative Performance Due:</b> Week 12 Monday (1 Oct 2018) 12:00 pm AEST

**Review/Exam Week - 08 Oct 2018**

Module/Topic	Chapter	Events and Submissions/Topic
--------------	---------	------------------------------

Creative Work assessment due.  
Reflective Practice assessment due.  
P

**Original Electronic Music Composition** Due: Review/Exam  
Week Wednesday (10 Oct 2018) 11:59  
pm AEST

**Reflective Report** Due: Review/Exam  
Week Wednesday (10 Oct 2018) 11:59  
pm AEST

## Exam Week - 15 Oct 2018

Module/Topic	Chapter	Events and Submissions/Topic
		Portfolio Assessment due.
		<b>Collaborative Portfolio</b> Due: Exam Week Wednesday (17 Oct 2018) 11:55 pm AEST

## Assessment Tasks

### 1 Collaborative Performance

#### Assessment Type

Practical Assessment

#### Task Description

This assessment item involves you rehearsing for and presenting a variety of practical performance based events through participation in a music ensemble. At each performance event you will be asked to present two new cover songs that you have chosen and worked on as group.

Each ensemble has one rehearsal session per week with an ensemble coach.

It is a requirement of this unit that students maintain high levels of attendance at rehearsals and performances.

There will be three separate performances throughout the term.

Performance 1: Week 7 during class time

Performance 2: Week 10 during class time as a formal audition

Performance 3: Will be held in a public venue arranged by your tutor in week 12.

#### Assessment Due Date

Week 12 Monday (1 Oct 2018) 12:00 pm AEST

Performance 1 will occur during class in Week 7. Performance 2 will be a formal audition and will occur during class in week 10. The final performance assessment will be held in a public venue arranged by your tutor in week 12.

#### Return Date to Students

Exam Week Friday (19 Oct 2018)

Marks will be given once moderation has been completed.

#### Weighting

25%

#### Assessment Criteria

Musical Skills

- Accuracy of intonation and quality of tone - 10%
- Accuracy of balance and appropriate dynamic shaping - 5%
- Accuracy of articulation and rhythm - 10%
- Appropriateness of stylistic phrasing - 10%
- Degree of musical interaction and quality of interpretation - 10%
- Degree of memorization of lyrics, harmony, melody and arrangement - 5%

Professionalism

- Degree of initiative in completing tasks in a variety of technical, creative and performance areas - 10%
- Degree of focus, concentration and attention during rehearsals and performance - 10%
- Ability to take direction and apply concepts in rehearsal and performance - 10%

- Degree of preparedness and punctuality, including transcriptions/arrangements and individual practice - 10%

### General

- Ensemble rehearsal and performance attendance and participation - 10%

### Referencing Style

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

### Submission

No submission method provided.

### Learning Outcomes Assessed

- Perform on your chosen instrument in a manner that displays practical and creative understanding and fluency

### Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work

## 2 Original Electronic Music Composition

### Assessment Type

Creative work

### Task Description

Assessment Description: You are to submit an audio recording of an original composition. The composition will be no more than 4 minutes in length and contain electronically composed musical elements developed over the term. Your composition will demonstrate genre specific production techniques and may contain audio samples.

All sounds should be created, edited and mixed using Ableton Live software and be no more than 4 minutes in length.

Your final bounce will be a stereo mix of your signals with a peak level of no more than -6dBFS.

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.

### Assessment Due Date

Review/Exam Week Wednesday (10 Oct 2018) 11:59 pm AEST

### Return Date to Students

Exam Week Friday (19 Oct 2018)

Marks will be given once moderation has been completed.

### Weighting

25%

### Assessment Criteria

Composition demonstrates genre specific production techniques (40%)

Composition meets submission requirements (20%)

Production is free from extraneous noise (10%)

Final bounce does not exceed -6dBFS (10%)

Presentation and project handling (20%)

### Referencing Style

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

### Submission

Online

### Submission Instructions

You are to submit a zipped file containing the stereo mixes of your collaborative works. The Pro Tools sessions must be submitted separately according to the submission guidelines.

### Learning Outcomes Assessed

- Apply digital audio techniques in a manner that displays technical and creative understanding, fluency, and reflective practice
- Operate multitrack recording equipment to produce a song to a defined standard.



## Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- Information Technology Competence

## 3 Collaborative Portfolio

### Assessment Type

Portfolio

### Task Description

You are to collaborate with your fellow students to record a song from your ensemble repertoire from assessment task 1. Students must work in small groups to record their song but must edit and mix the song individually.

The recording must:

- Be a full length song
- Include at least four instruments captured acoustically, Eg, Percussion, Bass, Guitar & Vocals
- Be free from extraneous noise and distortion
- Be topped and tailed
- Demonstrate genre specific production techniques
- Production should be mixed and bounced according to the submission guidelines in Moodle
- Submission will include a Pro Tools Session and a stereo 'Bounce' of your final mix

### Assessment Due Date

Exam Week Wednesday (17 Oct 2018) 11:55 pm AEST

### Return Date to Students

Exam Week Friday (19 Oct 2018)

Marks will be given once moderation has been completed.

### Weighting

40%

### Assessment Criteria

Assessment Criteria

Recordings

- Recording demonstrates knowledge of appropriate microphone placement (35%)
- Tracks are recorded at an appropriate level (20%)
- Audio signal is clean on all tracks (15%)

Mixing

- Balance is achieved throughout the recording (6%)
- Equalisation is well-implemented and effective (6%)
- Panning is well-implemented and effective (6%)
- Compression is well-implemented and effective (6%)
- Reverb is well-implemented and effective (6%)

### Referencing Style

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

### Submission

Online

### Submission Instructions

You are to submit a zipped file containing the stereo mixes of your collaborative works. The Pro Tools sessions must be submitted separately according to the submission guidelines.

### Learning Outcomes Assessed

- Operate multitrack recording equipment to produce a song to a defined standard.

## Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- Information Technology Competence

## 4 Reflective Report

### Assessment Type

Reflective Practice Assignment

### Task Description

**You are required to submit a reflective report describing the creative process behind your electronic music composition and reflecting upon any issues encountered. This report may be in the form of a weekly reflective journal and be no more than 800 words in length.**

### Your Reflective Report:

- **Must use 12 point Times New Roman font**
- **Must use 1.5 spacing for the body of the assignment**
- **May use sub-headings to organise your assignment clearly**
- **Must adhere to the CQ University APA Style Guide.**

### Assessment Due Date

Review/Exam Week Wednesday (10 Oct 2018) 11:59 pm AEST

### Return Date to Students

Exam Week Friday (19 Oct 2018)

Marks will be given once moderation has been completed.

### Weighting

10%

### Assessment Criteria

25% Appropriate documentation of the project showing work completed on a week by week basis

25% Identification of specific challenges and analysis of methods used to meet these challenges

25% Demonstration of reflective and analytic thinking

25% Correct spelling, grammar, punctuation and use of APA referencing

### Referencing Style

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

### Submission

Online

### Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy

## 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