CART11009 *Music Production 1*
Term 1 - 2020

Profile information current as at 12/10/2024 04:09 pm

All details in this unit profile for CART11009 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 a series of practical and theoretical activities you will explore the fundamental principles of sound theory, live sound and studio recording, including signal flow, appropriate use of microphones, fundamentals of recording and basic elements of mixing. You will learn the fundamentals of Pro Tools software and apply this in the learning tasks for this unit.

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 1 - 2020

- 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. **In-class Test(s)**
Weighting: 30%
2. **Written Assessment**
Weighting: 10%
3. **Practical Assessment**
Weighting: 15%
4. **Portfolio**
Weighting: 45%

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

Feedback

The unit is somewhat unfocussed in its content covering both live sound production and studio production.

Recommendation

The content in this unit could be split into two units and further specialised to give students strong fundamental knowledge in the areas of live sound and studio production.

Unit Learning Outcomes

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

1. Describe music technology fundamentals associated with audio, including signal flow, microphones, Pro Tools software, recording, and mixing
2. Demonstrate music technology fundamentals associated with audio, including signal flow, microphones, Pro Tools software, recording, and mixing
3. Install and operate live sound equipment for music performance.

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 - In-class Test(s) - 30%	•		
2 - Written Assessment - 10%	•	•	
3 - Practical Assessment - 15%			•
4 - Portfolio - 45%		•	

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes		
	1	2	3
1 - Communication	•		
2 - Problem Solving			•

Graduate Attributes	Learning Outcomes		
	1	2	3
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			

Alignment of Assessment Tasks to Graduate Attributes

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
1 - In-class Test(s) - 30%	•									
2 - Written Assessment - 10%	•		•							
3 - Practical Assessment - 15%		•				•				
4 - Portfolio - 45%			•			•				

Textbooks and Resources

Textbooks

CART11009

Supplementary

Pro Tools 101: Pro Tools Fundamentals I - Version 12.8
(2017)
Authors: Frank D. Cook
Avid
USA
ISBN: 978-1-943446-47-6
Binding: Spiral

Additional Textbook Information
This is not a required text. Paper copies can be purchased at a reduced price can be purchased at the CQUni Bookshop here: http://bookshop.cqu.edu.au (search on the Unit code)

View textbooks at the CQUniversity Bookshop

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- Creative Arts Studio Facility
- Pro Tools 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

Schedule

Week 1 - Introduction to Music Production - 09 Mar 2020

Module/Topic	Chapter	Events and Submissions/Topic
Studio: Introduction to digital Audio Workstations (DAWs). Live Sound: Fundamental audio concepts.	Lesson 1: Getting to Know Pro Tools. Lesson 2: Getting Inside Pro Tools	

Week 2 - 16 Mar 2020

Module/Topic	Chapter	Events and Submissions/Topic
Studio: Pro Tools; navigating, modes and track types. Live Sound: Fundamental audio concepts continued.	Lesson 3: Creating Your First Session Lesson 7: Selecting and Navigating	

Week 3 - 23 Mar 2020

Module/Topic	Chapter	Events and Submissions/Topic
Studio: Pro Tools; recording, click tracks, importing media. Live Sound: Audio building blocks.	Lesson 4: Making Your First Audio Recording	In class test 1. Wednesday March 25, 10am

Week 4 - 30 Mar 2020

Module/Topic	Chapter	Events and Submissions/Topic
Studio: Planning for a recording session. Live Sound: Microphones.		

Week 5 - 06 Apr 2020

Module/Topic	Chapter	Events and Submissions/Topic
Studio: Pro Tools audio editing. Live Sound: Introduction to the PA system.	Lesson 8: Basic Editing Techniques	

Vacation Week - 13 Apr 2020

Module/Topic	Chapter	Events and Submissions/Topic
		Assessment 2: Recording Plan Due. Friday April 17, 5pm. **Recording Plan** Due: Vacation Week Friday (17 Apr 2020) 11:55 pm AEST

Week 6 - 20 Apr 2020

Module/Topic	Chapter	Events and Submissions/Topic
Studio: Pro Tools introduction to mixing audio. Live Sound: Analog console signal flow.	Lesson 9: Basic Mixing Techniques	In class test 2. Wednesday 12h April, 10am.

Week 7 - 27 Apr 2020

Module/Topic	Chapter	Events and Submissions/Topic
Studio: Introduction to the recording studio. Live Sound: Digital console signal flow; creating a front of house mix.		

Week 8 - 04 May 2020

Module/Topic	Chapter	Events and Submissions/Topic
Studio: Creating guide tracks. Live Sound: Digital console signal flow continued; creating monitor mixes.		

Week 9 - 11 May 2020

Module/Topic	Chapter	Events and Submissions/Topic
Studio: Approaches to recording. Live Sound: Tuning the PA system.		In class test 3. Wednesday 13th May, 10am. **In Class Test(s)** Due: Week 9 Wednesday (13 May 2020) 10:00 am AEST

Week 10 - 18 May 2020

Module/Topic	Chapter	Events and Submissions/Topic
Studio: Studio microphone techniques. Live Sound: Tech riders and sound check.		

Week 11 - 25 May 2020

Module/Topic	Chapter	Events and Submissions/Topic
Studio: Studio microphone techniques continued. Live Sound: In class assessment.		Assessment 3: Live Sound Event Due. Thursday 27th May, 10am. **Live Sound Event** Due: Week 11 Thursday (28 May 2020) 10:00 am AEST

Week 12 - 01 Jun 2020

Module/Topic	Chapter	Events and Submissions/Topic
Studio: Mix down and media preparation	Lesson 10: Finishing Your Work	

Review/Exam Week - 08 Jun 2020

Module/Topic	Chapter	Events and Submissions/Topic

Exam Week - 15 Jun 2020

Module/Topic	Chapter	Events and Submissions/Topic
		Assessment 4: Portfolio Project Due Wednesday 17th June, 11:55 PM **Portfolio of Studio Recordings** Due: Exam Week Wednesday (17 June 2020) 11:55 pm AEST

Assessment Tasks

1 In Class Test(s)

Assessment Type
In-class Test(s)

Task Description
Assessment one of CART11009 is comprised of a series of three in class tests undertaken online in weeks three, six, nine.

- Some questions will assess materials from the readings or the lectures.
- The questions may be short or long answer and marks will be assigned based on the difficulty of the question and the format.
- The in class tests are closed book. Web browsing, text books or class notes may not be used during the test.
- A time limit of thirty minutes will be assigned.
- Only one attempt at the test will be permitted.
- The in class tests are each worth 10%.

Assessment Due Date
Week 9 Wednesday (13 May 2020) 10:00 am AEST

Tests will be held during class time in Weeks 3, 6 and 9. Refer to Moodle for more information.

Return Date to Students
Week 12 Monday (1 June 2020)

After they have been marked results will be uploaded to the Moodle gradebook.

Weighting
30%

Assessment Criteria
Subject knowledge of music technology fundamentals.

Subject knowledge of audio including signal flow, microphones, recording, and mixing.

Referencing Style

- American Psychological Association 6th Edition (APA 6th edition)

Submission
Online

assessmentOutcome

- Describe music technology fundamentals associated with audio, including signal flow, microphones, Pro Tools software, recording, and mixing

assessmentGradAttribute

- Communication

2 Recording Plan

Assessment Type
Written Assessment

Task Description
Pre-production and planning are essential steps in ensuring your recording project runs smoothly and meets all deadlines. In this assessment, you are required to write a recording plan for the song you intend to record as part of your production portfolio. This assessment task is worth 10% of your production portfolio.
Your recording plan should address the following:

- Outline the goals of the portfolio project
- Song and artist information (including lyric sheet, chord chart if applicable)
- Research
- Production timeline
- Equipment requirements
- Input and output table (for hardware and software connections)
- WHS considerations
- Contact list of all key stakeholders
- Address how you will receive and implement artist, peer and lecturer feedback

Your recording plan will use APA referencing style and a template will be provided on the Moodle site.

Assessment Due Date
Vacation Week Friday (17 Apr 2020) 11:55 pm AEST

Recording plan to be submitted via Moodle.

Return Date to Students
Week 7 Friday (1 May 2020)

After they have been marked results will be uploaded to the Moodle gradebook.

Weighting
10%

Assessment Criteria
Identifies key audio technology and shows evidence of research into current industry trends: 40%
Clearly identifies realistic and achievable recording goals – 30%
Lists realistic OHS considerations and ways to avoid hazards - 30%

Referencing Style

- American Psychological Association 6th Edition (APA 6th edition)

Submission
Online

assessmentOutcome

- Describe music technology fundamentals associated with audio, including signal flow, microphones, Pro Tools software, recording, and mixing
- Demonstrate music technology fundamentals associated with audio, including signal flow, microphones, Pro Tools software, recording, and mixing

assessmentGradAttribute

- Communication
- Critical Thinking

3 Live Sound Event

Assessment Type
Practical Assessment

Task Description
As a live sound engineer, you are often required to undertake a myriad of tasks to ensure that performers are able to communicate their message to an audience. In this assessment you will be required to independently undertake a series of tasks to facilitate a live sound event. You will be required to:

- Install a full PA system, including digital console, FOH and monitor speakers
- Tune the PA system to suit the room so that all problem frequencies are managed
- Operate a digital mixing console to sound check designated instruments
- Bump out all equipment at the end of the task
- Identify and observe WH&S

Assessment Due Date
Week 11 Thursday (28 May 2020) 10:00 am AEST

Practical assessment during class time. Class time subject to change due to timetabling.

Return Date to Students
Review/Exam Week Friday (12 June 2020)

After they have been marked results will be uploaded to the Moodle gradebook.

Weighting
15%

Assessment Criteria
Signal flow - 25%
Sound check microphone - 25%
Tune foldback speaker to eliminate problem frequencies - 25%
Cable management - 25%
Digital console operation - 25%

Referencing Style

- American Psychological Association 6th Edition (APA 6th edition)

Submission
Offline

assessmentOutcome

- Install and operate live sound equipment for music performance.

assessmentGradAttribute

- Problem Solving
- Information Technology Competence

4 Portfolio of Studio Recordings

Assessment Type
Portfolio

Task Description
As a sound engineer, it is important to be able to capture music at a high quality, so that artists may disseminate their work on a multitude of platforms (Soundcloud, Facebook, Spotify, Apple Music, YouTube). This assessment will ask you to follow the recording plan that you created in assessment 2 to record and mix a song for a local artist. You will not be required to master the song. The local artist may be someone from your cohort or someone outside the University. You may seek assistance from your lecturer to identify a suitable artist for your project.
You will record the song in the campus studios using Pro Tools Software and other supplied equipment, including microphones, leads and headphones. The song should be at least 3 minutes in length and should contain at least 2 acoustic instruments; Eg Guitar, Bass, Vocals, Percussion. The song may not contain an acoustic drum kit.
The recording should be mixed and 'bounced' according to the submission guidelines (see Moodle for details).
Feedback is an essential part of the recording and mixing process. Your recording and mix will be shared with your cohort in each phase of the production process. You will participate in feedback sessions during class time to develop your work.
Assessment Requirements
Your final graded submission will be the delivery of the final music product. Your submission will include:

- A stereo bounce – ready for mastering. 24 bit 48kHz
- An mp3 'listener' for the artist. 320kbp/s
- A Pro Tools Sessions at the final stage of the mix
- The session must contain no unused or missing audio files.

See Moodle for detailed submission guidelines.

Assessment Due Date
Exam Week Wednesday (17 June 2020) 11:55 pm AEST

Online submission of portfolio will be via Google Drive. You will be supplied a link to the Drive in Moodle.

Return Date to Students
Exam Week Friday (19 June 2020)

After they have been marked results will be uploaded to the Moodle gradebook.

Weighting
45%

Assessment Criteria
Recordings comply with the requirements of the task – 20%
Recordings should be free from extraneous noise and distortion – 20%
Mixing: level balance, pan, EQ, compression and effects are implemented effectively – 20%
Recordings should be saved and exported according to the submission guidelines - 20%
Pro Tools Sessions should not contain any unused or missing audio files - 10%
Audio edits are applied effectively – 10%

Referencing Style

- American Psychological Association 6th Edition (APA 6th edition)

Submission
Online

Submission Instructions
Online submission of portfolio will be via Google Drive. You will be supplied a link to the Drive in Moodle.

assessmentOutcome

- Demonstrate music technology fundamentals associated with audio, including signal flow, microphones, Pro Tools software, recording, and mixing

assessmentGradAttribute

- Critical Thinking

- Information Technology Competence

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