

## In Progress

Please note that this Unit Profile is still in progress. The content below is subject to change.



# ECHO12007 Cardiac Assessment Skills

## Term 2 - 2024

Profile information current as at 17/05/2024 10:11 pm

All details in this unit profile for ECHO12007 have been officially approved by CQUUniversity 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 prepares you for entry into the clinical environment. You will build upon your knowledge of diagnostic techniques to support your future role as both an echocardiographer and cardiac physiologist. You learn to interpret electrocardiography cases applying the step-wise method, study the principles underpinning cardiac rhythm management (CRM) and device applications, and be introduced to various cardiac assessment strategies including invasive and non-invasive approaches. You will apply this knowledge to a variety of cardiovascular pathologies and case studies, formulating differential diagnoses, whilst considering patient management strategies within an ethical framework of best practice and patient safety.

### Details

Career Level: *Undergraduate*

Unit Level: *Level 2*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

### Pre-requisites or Co-requisites

Pre-requisites: ECHO12006 Cardiac Science ANDECHO11002 Cardiac Structure and Function

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

- 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. **Online Quiz(zes)**

Weighting: 50%

#### 2. **Online Quiz(zes)**

Weighting: 50%

### 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 SUTE Feedback

##### **Feedback**

Some lecture notes were in PDF format which made it difficult to read.

##### **Recommendation**

Some lecture notes were in PDF format, making them difficult to read.

#### Feedback from SUTE feedback

##### **Feedback**

Technical content was presented in an interesting and clinical relevant manner, with good use of real-world examples.

##### **Recommendation**

Delivery style will remain consistent.

#### Feedback from SUTE feedback

##### **Feedback**

The feedback and overview after each quiz was appreciated by the students who engaged in this process.

##### **Recommendation**

Detailed feedback will continue to be provided following all assessments. Students struggling with concepts will be encouraged to participate in one on one ZOOM sessions with the unit coordinator.

## Unit Learning Outcomes

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

1. Interpret 12-Lead electrocardiogram (ECG) studies, applying a step-wise method of interpretation
2. Compare and contrast referral indications, methodology and outcomes of various invasive and non-invasive routine cardiac assessment modalities
3. Explain the concepts underpinning basic cardiac rhythm management (CRM) and device applications
4. Analyse clinical case studies, constructing links between cardiovascular disease presentation, echocardiographic assessment and patient outcomes, with consideration of best practice and patient safety

Unit developed in collaboration with British Heart Rhythm Society (BHRS) certified staff.

Linked to the Australian Sonographer Accreditation Register Standards for Cardiac Sonography:

- Foundation Units of Competence 1 - 5
- Critical Practice Unit 8 (Cardiac)

## Alignment of Learning Outcomes, Assessment and Graduate Attributes

 N/A Level	 Introductory Level	 Intermediate Level	 Graduate Level	 Professional Level	 Advanced Level
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### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes			
	1	2	3	4
1 - Online Quiz(zes) - 50%	•	•		•
2 - Online Quiz(zes) - 50%		•	•	•

### Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes			
	1	2	3	4
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

Information for Textbooks and Resources has not been released yet.

This information will be available on Monday 17 June 2024

## Academic Integrity Statement

Information for Academic Integrity Statement has not been released yet.

This unit profile has not yet been finalised.