



ECHO13006 Adult Echocardiography

Term 1 - 2021

Profile information current as at 24/04/2024 04:35 pm

All details in this unit profile for ECHO13006 have been officially approved by CQU University 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

Accurate analysis and assessment of complex cardiovascular disease and their pathological processes is a core part of all echocardiographic examinations. In preparation for clinical placement you will attain the knowledge and skills needed to analyse complex cardiovascular disease. This will include consideration of the echocardiographic generated images and assessment measures, haemodynamic calculations, pressures and valve prosthetics. You will apply knowledge to practical echocardiographic tasks in the laboratory setting, and utilise simulated clinical scenarios and case studies to analyse diagnostic data to provide differential diagnoses within an ethical framework of best practice and patient safety. You will demonstrate the professional knowledge, attitude and skills required to perform a complete echocardiographic study within a time frame related to clinical expectations. This unit prepares you for the clinical environment using the Assessment of Readiness for Clinical tool (ARC) in conjunction with other assessment tasks. Attendance at practical activities is a requirement of this unit.

Details

Career Level: *Undergraduate*

Unit Level: *Level 3*

Credit Points: *12*

Student Contribution Band: *8*

Fraction of Full-Time Student Load: *0.25*

Pre-requisites or Co-requisites

Prerequisite MPAT12001 Medical Pathophysiology AND ECHO12003 Principles of Cardiac Assessment AND ECHO12005 Cardiac Clinical Unit 2

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 - 2021

- Brisbane
- Perth
- Sydney

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 12-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 25 hours of study per week, making a total of 300 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: 50%

2. **In-class Test(s)**

Weighting: 50%

3. **Practical Assessment**

Weighting: Pass/Fail

4. **Performance**

Weighting: Pass/Fail

5. **Reflective Practice Assignment**

Weighting: Pass/Fail

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 Unit Evaluations

Feedback

The term was broken into two separate tests which aided learning and prevented cramming.

Recommendation

Content will continue to be assessed over multiple tests.

Feedback from Unit Evaluations

Feedback

Lecture slides were very organised containing broken-down information from the textbooks and other sources. Active and purposeful teaching was delivered.

Recommendation

Content will continue to be developed delivered and in this manner.

Feedback from Unit Evaluations

Feedback

The duration of the on-line test did not allow for long to think about the answer.

Recommendation

The duration of the online test will be reviewed to ensure sufficient time is allocated, whilst still promoting recall of information.

Feedback from Unit Evaluations

Feedback

The tutorials by the Unit Coordinator explained things in a casual and conversational manner without adding excessive jargon. The use of examples made learning easier and more interesting.

Recommendation

Tutorials will continue to be interactive and aim to contextualise the theory learned in the lectures.

Feedback from Unit Evaluations Self Reflection

Feedback

The teaching style changed significantly between lecturers in the second half of the term. Consistency of delivery would aid in learning.

Recommendation

Unit coordinator will provide a framework for presentations to be used for consistency.

Feedback from Unit Evaluations

Feedback

The unit coordinator is always willing to help, replies to emails fast and very fast at returning marking.

Recommendation

Faculty will continue to be 'present' for students and maintain efficient communication.

Unit Learning Outcomes

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

1. Differentiate between the aetiology, pathophysiology and echocardiographic assessment process associated with a variety of cardiovascular disease processes
2. Perform and interpret measurements and advanced haemodynamic calculations applied to 2D, colour and spectral Doppler derived echocardiographic measures
3. Differentiate prosthetic valve and valvular surgical intervention functionality and disease processes
4. Analyse case-based clinical information to formulate differential diagnoses and plan patient management
5. Perform an echocardiographic examination efficiently and effectively
6. Display professional behaviour, teamwork and communication skills consistent with safe practice
7. Apply reflective feedback to professional practice improvement.

Linked to National and International Standards

1. ASAR Accreditation Standards for Cardiac Sonography - critical practice Unit 8 - Cardiac, Foundation units of competence - 1 - 5.
2. European Association of Cardiovascular Imaging Core Syllabus
3. American Registry for Cardiac Sonography Core Syllabus

Alignment of Learning Outcomes, Assessment and Graduate Attributes



Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes						
	1	2	3	4	5	6	7
1 - In-class Test(s) - 50%	•	•	•	•			
2 - In-class Test(s) - 50%	•	•	•	•			
3 - Practical Assessment - 0%		•			•		
4 - Performance - 0%							•
5 - Reflective Practice Assignment - 0%							•

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes						
	1	2	3	4	5	6	7
1 - Communication	•	•	•	•	•	•	•
2 - Problem Solving	•	•	•	•	•	•	•
3 - Critical Thinking	•	•	•	•	•	•	•
4 - Information Literacy	•	•	•	•			•

Graduate Attributes	Learning Outcomes						
	1	2	3	4	5	6	7
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) - 50%	•	•	•	•		•				
2 - In-class Test(s) - 50%	•	•	•	•		•				
3 - Practical Assessment - 0%	•	•	•	•		•		•		
4 - Performance - 0%	•	•	•		•		•	•		
5 - Reflective Practice Assignment - 0%	•	•	•	•	•			•		

Textbooks and Resources

Textbooks

ECHO13006

Prescribed

A Sonographer's Guide to the Assessment of Heart Disease

Edition: 1st (2014)

Authors: Bonita Anderson

MGA Graphics

BRISBANE , QUEENSLAND , AUSTRALIA

ISBN: 9780992322205

Binding: Hardcover

ECHO13006

Prescribed

Basic to Advanced Clinical Echocardiography

Edition: 1st (2020)

Authors: Bonita Anderson, Margaret M. Park

Wolters Kluwer

USA

ISBN: 9781975136253

Binding: eBook

ECHO13006

Supplementary

ASE's comprehensive echocardiography

Edition: 2nd (2016)

Authors: Lang, Goldestein, Kronzon, Khandheria, Mor-avi

Elsevier Saunders

Philadelphia , PA , USA

ISBN: 978-0-32326011-4

Binding: Other

[View textbooks at the CQUniversity Bookshop](#)

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)

Referencing Style

All submissions for this unit must use the referencing style: [Vancouver](#)

For further information, see the Assessment Tasks.

Teaching Contacts

Tarryn Cremin Unit Coordinator

t.cremin@cqu.edu.au

Schedule

Week 1 - 08 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
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Aortic and pulmonary valve stenosis See e-Reading list.

Lab Agreement and Consent Forms
due Friday 12th March, 5pm AEST

Week 2 - 15 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
Mitral and tricuspid valve stenosis	See e-Reading list	

Week 3 - 22 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
Valvular Regurgitation	See e-Reading list	

Week 4 - 29 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
Prosthetic heart valves	See e-Reading list	

Week 5 - 05 Apr 2021

Module/Topic	Chapter	Events and Submissions/Topic
Hypertrophic Cardiomyopathy	See e-Reading list	

Vacation Week - 12 Apr 2021

Module/Topic	Chapter	Events and Submissions/Topic

Week 6 - 19 Apr 2021

Module/Topic	Chapter	Events and Submissions/Topic
Cardiomyopathies	See e-Reading list	In-class test: Wednesday 21st April

Week 7 - 26 Apr 2021

Module/Topic	Chapter	Events and Submissions/Topic
Pericardial heart disease	See e-Reading list	

Week 8 - 03 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
Pericardial tamponade and constrictive pericarditis	See e-Reading list	

Week 9 - 10 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
Endocarditis, cardiac transplantation	See e-Reading list	

Week 10 - 17 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
Systemic disorders with cardiac manifestations	See e-Reading list	

Week 11 - 24 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
Systemic diseases with cardiac manifestations	See e-Reading list	

Week 12 - 31 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
Revision and in-class test preparation		Professional Behaviour Assessment and Reflective Practice assessments due: Friday 4th June, 5pm AEST

Review/Exam Week - 07 Jun 2021

Module/Topic	Chapter	Events and Submissions/Topic
		In-class test: Wednesday 9th June

Term Specific Information

Unit Coordinator and Contact Details

The coordinator for ECHO13006 Adult Echocardiography is Kate Sturwohld. The most efficient and preferred method of contacting Kate is via the Q&A forum located on the unit Moodle site. If the query is personal in nature, please contact Kate directly via email (k.sturwohld@cqu.edu.au) or phone (02 9234 5071).

Other academic staff will be providing presentations and hosting tutorials as part of this unit's delivery. Contact details for other academic staff can be found on the Moodle site.

Unit Tutorials

Tutorials for this unit will be delivered 'live' online using ZOOM (this links required for accessing the tutorials are provided on the Moodle site under the weekly tabs). The tutorials will focus on answering the weekly content, including revision questions, developing echocardiographic image interpretation skills, and contextualisation of key concepts in preparation for related assessments and clinical placement.

Lectures are used to present the central informations for the week's study, outlining the main theories and principles of the topic under considerations. Tutorials provide an opportunity for discussion and interaction with other students and with your tutor. It is important students take advantage of these interactive sessions and participate fully in order to broaden knowledge and experience with the course material.

Any questions posted to the Q&A forum or emailed to the unit coordinator will be used to guide content included in the weekly tutorials.

Note: Tutorials are recorded for educational purposes. Recordings of Zoom tutorials may be uploaded and appear on Echo360, Moodle, YouTube and Microsoft Teams. Students who do not wish to be recorded are advised to turn off their webcam, audio or both during the session. Participation will signify consent to the recording and publication for educational purposes.

Weekly revision material will be provided. Attempting all provided revision material will assist in preparation for the in-class tests and other assessments. No new lecture material will be presented during week 12 of term. This week will be used to prepare for the final in-class test.

Please ensure that you review the 'Welcome video' and 'Breakdown of Assessments' video available on the Moodle site for further unit specific information.

Assessment Tasks

1 In-class test 1

Assessment Type

In-class Test(s)

Task Description

This test will be an on-line test performed in-class with closed book conditions at the campus of your enrolment. It will examine all content from weeks 1 to 5 inclusive.

The test will examine the theory and application of content and haemodynamic concepts taught in lectures, tutorial delivery and practiced in the simulated laboratory setting. Questions may require you to perform mathematical calculations, interpret patient data, illustrate concepts, explanations and discussions. Questions similar in style to those found on the in-class test are provided in the haemodynamic workbook and in weekly revision material on the Moodle site. Question examples will also be discussed during the tutorial and laboratory sessions to help prepare for this assessment task.

This test will be 150 minutes duration and comprises 50% of the final grade. You will require a simple calculator (not a scientific calculator) for this test.

Students will undertake this test under examination conditions as detailed in the Assessment Procedures. The test must be performed at the timetabled date and time. As per the Assessment Procedures, this task is to be completed during a defined period. There is no opportunity to apply a late penalty. If you arrive late, you may enter the test room up to 30 minutes after the start of the test; however, you will still be required to submit your test at the standard test time. You will not be allowed entry more than 30 minutes after the test starts. In the absence of an approved extension, you cannot complete this assessment at a later time, and you will receive a mark of zero for the assessment if you have completed it by the scheduled date and time.

Assessment Due Date

Week 6, Wednesday 21st April

Return Date to Students

Results will be available within two weeks of the due date. The online test questions pool in its entirety will not be released to students.

Weighting

50%

Minimum mark or grade

50%

Assessment Criteria

You will be assessed on your ability to :

- differentiate and discuss the aetiology, pathophysiology and echocardiographic assessment processes associated with a variety of cardiovascular diseases
- analyse case-based clinical information to formulate differential diagnoses
- interrogate measurements supplied
- apply appropriate haemodynamic calculations
- accuracy of calculations
- interpretation of resulting calculations
- demonstrate clinical reasoning
- use of appropriate terminology and descriptors as well as grammar and spelling.

The number of marks for questions are allocated based on accuracy, depth and breadth of the required response and will be indicated on the test paper.

Referencing Style

- [Vancouver](#)

Submission

Online

Submission Instructions

In-class online test 1 to be performed at campus of enrolment. Closed book conditions.

Learning Outcomes Assessed

- Differentiate between the aetiology, pathophysiology and echocardiographic assessment process associated with a variety of cardiovascular disease processes
- Perform and interpret measurements and advanced haemodynamic calculations applied to 2D, colour and spectral Doppler derived echocardiographic measures
- Differentiate prosthetic valve and valvular surgical intervention functionality and disease processes
- Analyse case-based clinical information to formulate differential diagnoses and plan patient management

Graduate Attributes

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

2 In-class test 2

Assessment Type

In-class Test(s)

Task Description

This test will be an on-line test performed in-class with closed book conditions at the campus of your enrolment. It will examine all content from weeks 6-12 inclusive.

The test will examine the theory and application of content and haemodynamic concepts taught in lectures, tutorial delivery and practiced in the simulated laboratory setting. Questions may require students to interpret patient data, illustrate concepts, explanations and discussions. Questions similar in style to those found on the in-class test are provided in weekly revision material on the Moodle site. Question examples will also be discussed during the tutorial and laboratory sessions to help prepare for this assessment task.

This test will be 180 minutes duration and comprises 50% of the final grade. You will require a simple calculator (not a scientific calculator) for this test.

Students will undertake this test under examination conditions as detailed in the Assessment Procedures. The test must be performed at the timetabled date and time. As per the Assessment Procedures, this task is to be completed during a defined period. There is no opportunity to apply a late penalty. If you arrive late, you may enter the test room up to 30 minutes after the start of the test; however, you will still be required to submit your test at the standard test time. You will not be allowed entry more than 30 minutes after the test starts. In the absence of an approved extension, you cannot complete this assessment at a later time, and you will receive a mark of zero for the assessment if you have completed it by the scheduled date and time.

Assessment Due Date

Examination block, Wednesday 9th June

Return Date to Students

Results will be available within two weeks of the due date. The online test questions pool in its entirety will not be released to students.

Weighting

50%

Minimum mark or grade

50%

Assessment Criteria

You will be assessed on your ability to :

- differentiate and discuss the aetiology, pathophysiology and echocardiographic assessment processes associated with a variety of cardiovascular diseases
- analyse case-based clinical information and echocardiographic images to formulate differential diagnoses
- apply appropriate haemodynamic calculations
- accuracy and interpretation of calculations
- demonstrate clinical reasoning
- use of appropriate terminology and descriptors as well as grammar and spelling.

The number of marks for questions are allocated based on accuracy, depth and breadth of the required response and will be indicated within the on-line test.

Referencing Style

- [Vancouver](#)

Submission

Online

Submission Instructions

In-class online test 2 to be performed at campus of enrolment. Closed book conditions.

Learning Outcomes Assessed

- Differentiate between the aetiology, pathophysiology and echocardiographic assessment process associated with a variety of cardiovascular disease processes

- Perform and interpret measurements and advanced haemodynamic calculations applied to 2D, colour and spectral Doppler derived echocardiographic measures
- Differentiate prosthetic valve and valvular surgical intervention functionality and disease processes
- Analyse case-based clinical information to formulate differential diagnoses and plan patient management

Graduate Attributes

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

3 Echocardiography Skills Assessment

Assessment Type

Practical Assessment

Task Description

This assessment includes performing a complete echocardiogram, image interpretation and measurement performance.

Professional and technical scanning requirements are discussed in the unit lab manual, lab sessions, lectures and tutorials. Components are as follows:

PART A - Scanning

Part A of this assessment task includes both a Professional and Technical echocardiographic component.

- **Professional** (pre-scan, during and post-scan) requirements
 - Apply correct patient care techniques and effective communication to obtain relevant patient history, informed consent, and to direct 'patients' accordingly
 - Apply professionalism in dealing with equipment, patient and scanning setting
- **Technical** (scanning) requirements for echocardiographic study:
 - Demonstrate appropriate echocardiographic scanning technique, image optimisation, and acquisition in a reasonable time period to an 'advanced beginner level' of competency
 - A scanning limit of 55 minutes will be applied to image acquisition

PART B - Interpretation and Measurements

Part B of this assessment tests students ability to interpret echocardiographic images and measurements and perform routine echocardiographic measurements using QStation software.

- **Section 1:** Interpretation
 - Interpret echocardiographic images and measurements of chamber size, left ventricular wall thickness, systolic and diastolic function, and right ventricular systolic pressure
 - Recall normal reference values
 - Recognise limitations of provided images and measurements
- **Section 2:** Measurement Performance
 - Perform a series of offline measurements using the QLAB workstations

A combined score of 70% must be achieved to pass Part B - Interpretation and Measurements. A 50 minute time limit applies for both the interpretation and measurement performance combined.

Students are advised to refer to the 'Assessment Policy and Procedure (Higher Education Coursework) document for additional university guidelines regarding assessments.

- In the absence of an approved extension, this assessment cannot be completed at a later time.
- Students will receive a FAIL for this assessment if it is not completed by the scheduled date and time and there is no approved extension.
- Should a student FAIL there will be only ONE opportunity to re-sit the failed component of the assessment item.

Assessment Due Date

Students will be advised of Practical Skills and QLAB assessment scheduling via the unit Moodle site.

Return Date to Students

Results will be available within two weeks of the due date. Re-sit assessments will be held during week 12.

Weighting

Pass/Fail

Minimum mark or grade

Advanced beginner competency - minimum 70% mark is required to obtain a PASS for these assessment components. This assessment does not carry a weighting toward the final unit grade.

Assessment Criteria

To PASS this assessment ALL parts and sections of the Echocardiography Skills Assessment must be graded as a 'PASS'.

- All bolded items in the PART A - Professional component of the Scanning ARC tool must be successfully demonstrated, else a FAIL for this assessment component is automatically awarded, regardless of the overall minimum mark achieved.

All assessment parts are graded separately with a minimum grade for each section of 70%. In the event of failing any (or multiple) parts only the failed component/s (Professional, Technical or Part B) must be repeated to pass. For example:

- If a student fails Part A - Professional component, the students will be required to reattempt the full practical scanning assessment but would only be marked on the professional component.
- If a student fails Part B - Interpretation and Measurements, the student will be required to reattempt the full Part B assessment.

Students will be assessed using the:

- **Scanning Assessment of Readiness for Clinical (ARC) Tool**
- **Interpretation and Measurement ARC tool**

Students are advised to carefully review these documents which are available on the unit Moodle site.

Students will be provided with a single opportunity to attempt the echocardiography skills assessment and interpretation and measurement assessment under **MOCK examination conditions**.

The MOCK assessment will be delivered as part of the routine laboratory sessions. There is no opportunity for rescheduling of missed laboratory sessions.

- Individual feedback will be provided to students after completing the MOCK assessments
- Scanning feedback will be provided verbally but the tutor supervising each individual student MOCK practical scanning assessment
- Students will receive a completed MOCK Scanning ARC tool and Interpretation and measurement ARC tool following moderation.

Part A (scanning) of the echocardiography skills test will be video recorded for moderation purposes. The videos will not be released to students for review.

All students are required to make themselves available to act as a patient model for peer assessments. Students must additionally make themselves available for re-sit assessments if requested by the unit coordinator.

Referencing Style

- [Vancouver](#)

Submission

No submission method provided.

Learning Outcomes Assessed

- Perform and interpret measurements and advanced haemodynamic calculations applied to 2D, colour and spectral Doppler derived echocardiographic measures
- Perform an echocardiographic examination efficiently and effectively

Graduate Attributes

- Communication

- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence
- Ethical practice

4 Professional Behaviour and Lab Documentation

Assessment Type

Performance

Task Description

The purpose of this assessment is to ensure that students from the echocardiography course are well-equipped to embody the high standards of professionalism that are expected from CQUniversity students while on their upcoming clinical placements.

Professional behaviour is a critical part of any medical imaging profession, and encompasses the manner in which we treat our colleagues, patients and the professional setting and equipment provided to us.

This assessment will require students to treat each of the lab sessions as a scheduled "work shift" and to exhibit high quality professional attributes. This is to ensure students are adequately prepared to enter the work force with the skills required to provide safe patient care and professional behaviour.

- This assessment is based on a continuous and ongoing evaluation of student application and attendance during labs and behaviour exhibited during the time spend studying this unit, up until the completion of all formal assessments.
- This includes participation in forums and online tutorials, labs, social media etiquette, phone calls, attitude toward peers and staff, and all official correspondence with university staff, peers and the community.

This assessment will require students to complete the following documentation which forms part of the ECHO13006 Lab Manual. All forms are available under the Lab Documentation tab on the unit Moodle Page. Students are required to submit the following **4 individual documents**:

1. A signed **Lab Agreement Form** to be uploaded in week 1
2. A signed **Consent Form - Sonographic Examination for Teaching Purposes** to be uploaded in week 1
3. A completed and signed **Professional Behaviour Assessment Rubric** form to be uploaded in week 12
4. A completed **LAB Attendance Page** to be scanned and uploaded in week 12.

Absenteeism

Skills labs for this unit are mandatory. Students must advise the unit coordinator before the start of compulsory labs if unable to attend - failure to notify staff (email or phone) before the start of a missed lab will result in a LiP (Lapse in Professionalism) except in extraordinary circumstances. Labs missed for a valid reason (eg. illness or injury) require supporting documentation. There is no opportunity to 'make up' missed lab sessions. Medical or health-related certificates must in the approved formats articulated in the CQUniversity Assessment Policy and Procedure (HE Coursework), section 5.

Any missed labs must be clearly marked on the Lab Attendance Page and Reflective Feedback Form, a tutors signature is not required.

Assessment Due Date

Lab Agreement Form and Consent Form - Sonographic Examination for Teaching Purposes are due Friday 5pm (AEST) Week 1. Professional Behaviour Assessment Rubric Form and Lab Attendance Form due Friday 5pm (AEST) Week 12.

Return Date to Students

Within 7 days of due date.

Weighting

Pass/Fail

Assessment Criteria

This assessment is marked using the Professional Behaviour Assessment (PBA) rubric and incorporates lapses in professionalism (LiPs). To pass this unit students need to achieve 12/15 or higher for the PBA and can receive a maximum of three LiPs across all descriptors. If a fourth LiP is issued, the maximum mark achievable would be 11/15

and the assessment will be graded as a FAIL.

All interactions with staff and peers pertaining to this unit will be treated as a replica of the clinical work environment. Students are expected to demonstrate all of the professional behaviour that will be expected in a formal work environment.

LiPs can be issued in three different categories:

1. Professional behaviour towards colleagues and staff
2. Professional behaviour towards patients
3. Professional behaviour towards professional setting and equipment

An additional explanatory document is available on the Moodle site regarding 'Expected Professional Behaviour and LiP allocation'. Students are encouraged to review this information to be sure of behavioural expectations. Students should be familiar with the Code of Conduct in the Lab Manual as well as the ASA code of Conduct and the CQU Code of Conduct. All of these documents are posted on the unit Moodle site.

If unprofessional attitude or behaviour is reported by fellow classmates and not witnessed by a staff member, a written warning detailing the allegations will be issued to the student. The student's response will be documented. If further evidence of an on-going unprofessional behaviour arises then a LiP may be awarded. Any lack of professionalism display in the use of unmanned practice bookings will result in an automatic LiP (eg. changing the booking of another student without consent, or accessing labs in excess of allocated entitlements).

If any exhibited attitude or behaviour is deemed as unsafe or inappropriate for clinical practice, the professional behaviour assessment will be graded as a FAIL at the discretion of the Unit coordinator.

Exemplary professional behaviour is highly valued by clinical supervisors. This information may be used to endorse students for placements if requested by clinical sites.

-
- To obtain a 'PASS' all documentation must be completed correctly and submitted by the due date and time.
 - No more than three (3) lapses in Professionalism are permitted to pass the unit.
 - All documents must be legible and uploaded in PDF format.

Referencing Style

- [Vancouver](#)

Submission

Online

Submission Instructions

All documents must be appropriately labelled with student name, student number and document descriptor (eg. JohnSMITH_S12345_LabAgreementForm). Documentation must be individually submitted as PDF documents. JPEG is not acceptable. A total of 4 individual document submissions is required.

Learning Outcomes Assessed

- Display professional behaviour, teamwork and communication skills consistent with safe practice

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Team Work
- Cross Cultural Competence
- Ethical practice

5 Formative Feedback and Self-Reflection

Assessment Type

Reflective Practice Assignment

Task Description

The ability to set goals, self-reflect and take adopt feedback are tools to aid the progress of knowledge and skill development. These abilities also address industry requirements, whereby professionals must perform continuing

professional development (CPD) activities.

Students are to develop goal-setting, reflection and feedback skills through weekly activities.

Task requirements:

This assessment will require students to complete and submit:

1. Formative Feedback Forms (for each laboratory session; total = 7). Each form must include: self-reflection and goal-setting, tutor feedback and signature.
2. Mock Assessment Reflection Form. This form must include: reflection on areas of strength and areas for improvements in preparation for the Echocardiography Skills Assessment.

The "Formative Feedback Forms" and "Mock Assessment Reflection Form" are available on the Moodle site.

Assessment Due Date

Friday 5pm (AEST) Week 12

Return Date to Students

Results will be available within two weeks of the due date.

Weighting

Pass/Fail

Assessment Criteria

- Students must upload all required documentation for this assessment by the due date.
- Documents must be labelled and in PDF format.

Referencing Style

- [Vancouver](#)

Submission

Online

Submission Instructions

All documents must be appropriately labelled with student name, student number and document descriptor (eg. JohnSMITH_S12345_Reflective Feedback). Documentation must be individually submitted as PDF documents. JPEG is not acceptable.

Learning Outcomes Assessed

- Apply reflective feedback to professional practice improvement.

Graduate Attributes

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

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