



MEDS13002 Sonographic Skills Development 2

Term 1 - 2023

Profile information current as at 08/05/2024 08:55 am

All details in this unit profile for MEDS13002 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 advances your preparation for the clinical workplace through the development of ultrasound scanning skills in lower extremity venous, carotid artery and transvaginal female pelvis. Psychomotor skills and professional behaviour techniques gained in previous scanning skills units and during clinical placement will be built upon, with an emphasis on problem solving techniques required to produce appropriate clinical outcomes. You are required to demonstrate the skills, knowledge, and professional behaviours needed to work in a clinical setting, and will be assessed within a simulated environment.

Details

Career Level: *Undergraduate*

Unit Level: *Level 3*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

Prerequisites: MEDS12004 Sonographic Skills Development 1 AND MEDS12006 Ultrasound of Obstetrics and Gynaecology AND MEDS13008 Vascular Sonography

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 - 2023

- Brisbane
- Mackay
- Melbourne
- 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 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. **Objective Structured Clinical Examinations (OSCEs)**

Weighting: Pass/Fail

2. **Written Assessment**

Weighting: Pass/Fail

3. **Online Quiz(zes)**

Weighting: Pass/Fail

4. **On-campus Activity**

Weighting: Pass/Fail

Assessment Grading

This is a pass/fail (non-graded) unit. To pass the unit, you must pass all of the individual assessment tasks shown in the table above.

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 Coordinator reflection

Feedback

Some students found hypothesis generation from patient history and presentation to be quite challenging, even though this was discussed in tutorials and expected to be predominantly revision from previous theory units.

Recommendation

Consider introducing a formal clinical decision making model to assist with student's hypothesis generation.

Feedback from SUTE Unit Comment Report & Unit Coordinator reflection

Feedback

Some students ran out of time in Quiz 4. It was noted some students wrote much more information than was required which may have contributed to this.

Recommendation

Consider modifying question style and/or timing for Quiz 4.

Feedback from SUTE Unit Comment Report

Feedback

Students found the introduction of the narrative to the practical assessments to be very beneficial.

Recommendation

Maintain narrative and provide further exemplars of this for students, such as in demonstration videos.

Unit Learning Outcomes

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

1. Complete sonographic examinations of the lower extremity veins, carotid arteries, and transvaginal female pelvis
2. Critically reflect and improve upon own professional practice and sonographic psychomotor skills
3. Display professional behaviour, teamwork, and communication skills consistent with safe sonographic practice and industry expectation
4. Formulate problem-solving and critical-thinking strategies to appropriately address patient presentation

Australasian Sonography Association Competency Standards for the Entry Level Sonographer

Units- 1,2,4,5,9,10 & 13

Alignment of Learning Outcomes, Assessment and Graduate Attributes



Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes			
	1	2	3	4
1 - Objective Structured Clinical Examinations (OSCEs) - 0%	•		•	•
2 - Written Assessment - 0%		•		

Assessment Tasks	Learning Outcomes			
	1	2	3	4
3 - Online Quiz(zes) - 0%	•			•
4 - On-campus Activity - 0%			•	

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				

Alignment of Assessment Tasks to Graduate Attributes

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
1 - Objective Structured Clinical Examinations (OSCEs) - 0%	•	•	•			•	•	•		
2 - Written Assessment - 0%	•	•	•		•					
3 - Online Quiz(zes) - 0%	•	•		•						
4 - On-campus Activity - 0%	•	•	•		•		•	•		

Textbooks and Resources

Textbooks

MEDS13002

Prescribed

Clinical Doppler Ultrasound

Edition: 3rd (2014)

Authors: Pozniak M & Allan P

Elsevier Health Sciences

London , UK

ISBN: 9780702050152

Binding: Hardcover

Additional Textbook Information

Students should already have this book from a prior unit.

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- Access card to CQUniversity campus (Melbourne students)
- Access card to the Ultrasound Imaging Lab (Mackay students)

Referencing Style

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

For further information, see the Assessment Tasks.

Teaching Contacts

Deanne Chester Unit Coordinator

d.chester@cqu.edu.au

Schedule

Week 1 - 06 Mar 2023

Module/Topic	Chapter	Events and Submissions/Topic
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MODULE 1 - Carotid Doppler examination

- Compulsory lab activities Tuesday
- Tutor-assisted (supervised) practice Wednesday
- Peer-assisted practice Tuesday/Wednesday

Prescribed text:

- Pozniak (2014): Chapter 2 pg. 26-37; Chapter 3 pg. 39-50; Chapter 3 pg. 50-66

Supplementary text:

- Rumack et al. (2011): Chapter 25 pg. 957-991

COMPULSORY Zoom tutorial

This Zoom session covers requirements for the Professional Behaviour Assessment, as well as important information about the term, and it is compulsory that all students attend.

(Other non-compulsory Zoom tutorials will be held on most Thursdays through the term, please see the unit Moodle site for this schedule)

Held MONDAY 6 MAR 2023

10.30AM AEST / 11.30AM AEDT / 8.30AM AWST

Assessment 2 Part A - INDUCTION DOCUMENTS

- **WHS compulsory Lab Safety**

Induction online quiz must be completed prior to access to any lab activity; 100% pass mark required.

- **Lab Agreement and Consent**

Form must be uploaded prior to access to any lab activity.

Students will not be permitted entry to the sonography lab until both are correctly completed.

Due MONDAY 6 MAR 2023 4PM AEST/ 5PM AEDT/ 2PM AWST

Week 2 - 13 Mar 2023

Module/Topic	Chapter	Events and Submissions/Topic
MODULE 1 - Carotid Doppler examination <ul style="list-style-type: none">• Compulsory lab activities Tuesday• Tutor-assisted (supervised) practice Wednesday• Peer-assisted practice Monday/Tuesday/Wednesday (Saturday in MEL)		

Week 3 - 20 Mar 2023

Module/Topic	Chapter	Events and Submissions/Topic
MODULE 1 - Carotid Doppler examination <ul style="list-style-type: none">• Compulsory lab activities Tuesday• Tutor-assisted (supervised) practice Wednesday• Peer-assisted practice Monday/Tuesday/Wednesday		

Week 4 - 27 Mar 2023

Module/Topic	Chapter	Events and Submissions/Topic
MODULE 1 - Carotid Doppler examination <ul style="list-style-type: none">• Compulsory lab activities Tuesday• Tutor-assisted (supervised) practice Monday/Wednesday• Peer-assisted practice Saturday		Assessment 3 - ONLINE QUIZZES Quiz 1 opens TUESDAY 9AM AEST / 10AM AEDT / 7AM AWST Quiz 1 closes WEDNESDAY 5PM AEST / 6PM AEDT / 3PM AWST <i>*The mock assessment for the carotid skills test will be held in this week's lab</i>

Week 5 - 03 Apr 2023

Module/Topic	Chapter	Events and Submissions/Topic
MODULE 1 - Carotid Doppler examination <ul style="list-style-type: none"> Compulsory lab assessment Tuesday Peer-assisted practice Monday 		Assessment 1 - PART A, MODULE 1 <ul style="list-style-type: none"> All students are required on campus all day Held TUESDAY 4 APRIL 2023 from 8.30AM local time

Break Week - 10 Apr 2023

Module/Topic	Chapter	Events and Submissions/Topic
<ul style="list-style-type: none"> Tutor-assisted (supervised) practice Tuesday Peer-assisted practice Wednesday 		

Week 6 - 17 Apr 2023

Module/Topic	Chapter	Events and Submissions/Topic
MODULE 2 - DVT examination <ul style="list-style-type: none"> Compulsory lab activities Tuesday Peer-assisted practice Monday/Tuesday/Saturday 	Prescribed text: <ul style="list-style-type: none"> Pozniak (2014): Chapter 1 pg. 1-24; Chapter 2 pg. 26-37; Chapter 3 pg. 39-66; Chapter 5 pg. 94-114 Supplementary text: <ul style="list-style-type: none"> Curry & Tempkin (2011): Chapter 29 pg. 589-593 Rumack et al. (2011): Chapter 25 pg. 957-991; Chapter 27 pg. 1023-1033 	

Week 7 - 24 Apr 2023

Module/Topic	Chapter	Events and Submissions/Topic
MODULE 2 - DVT examination <ul style="list-style-type: none"> Compulsory lab activities Monday Tutor-assisted (supervised) practice Wednesday Peer-assisted practice Monday/Wednesday (Saturday in BNE/MKY) 		Assessment 3 - ONLINE QUIZZES Quiz 2 opens TUESDAY 9AM AEST / 7AM AWST Quiz 2 closes WEDNESDAY 5PM AEST / 3PM AWST <i>*The mock assessment for the DVT skills test will be held in this week's lab</i>

Week 8 - 01 May 2023

Module/Topic	Chapter	Events and Submissions/Topic
MODULE 2 - DVT examination <ul style="list-style-type: none"> Compulsory lab assessment Tuesday Peer-assisted practice Monday (SYD/MEL/PER) 		Assessment 1 - PART A, MODULE 2 <ul style="list-style-type: none"> All students are required on campus all day Held TUESDAY 2 MAY 2023 from 8.30AM local time

Week 9 - 08 May 2023

Module/Topic	Chapter	Events and Submissions/Topic
MODULE 3 - Transvaginal female pelvis examination <ul style="list-style-type: none"> Peer-assisted practice Monday/Saturday 	Supplementary text: <ul style="list-style-type: none"> Curry & Tempkin (2011): Chapter 19 pg. 372-373 Rumack et al. (2011): Chapter 15 pg. 552-571, 576-595 	NO LAB THIS WEEK - 1st Year Residential School

Week 10 - 15 May 2023

Module/Topic	Chapter	Events and Submissions/Topic
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MODULE 3 - Transvaginal female pelvis examination

- Compulsory lab activities Tuesday
- Tutor-assisted (supervised) practice Monday/Wednesday
- Peer-assisted practice Tuesday/Wednesday/Saturday

Assessment 3 - ONLINE QUIZZES

Quiz 3 opens **TUESDAY 9AM AEST / 7AM AWST**

Quiz 3 closes **WEDNESDAY 5PM AEST / 3PM AWST**

**The mock assessment for the TV pelvis skills test will be held in this week's lab*

Week 11 - 22 May 2023

Module/Topic	Chapter	Events and Submissions/Topic
MODULE 3 - Transvaginal female pelvis examination <ul style="list-style-type: none">• Compulsory lab assessment Tuesday• Tutor-assisted (supervised) practice Wednesday• Peer-assisted practice Monday/Saturday		Assessment 1 - PART A, MODULE 3 <ul style="list-style-type: none">• All students are required on campus all day Held TUESDAY 23 MAY 2023 from 8.30AM local time <u>Assessment 3 - ONLINE QUIZZES</u> Quiz 4 opens THURSDAY 9AM AEST / 7AM AWST Quiz 4 closes FRIDAY 5PM AEST / 3PM AWST

Week 12 - 29 May 2023

Module/Topic	Chapter	Events and Submissions/Topic
FINAL WEEK - OSCE <ul style="list-style-type: none">• Compulsory lab assessment Tuesday/Wednesday• Tutor-assisted (supervised) practice Monday		Assessment 1 - PART B, OSCE <ul style="list-style-type: none">• All students are required on campus all day Held TUESDAY & WEDNESDAY 30 & 31 MAY 2023 from 8.30AM local time <u>Assessment 2 - PART B - REFLECTION DOCUMENTS</u> See Lab Manual: <ul style="list-style-type: none">• Formative feedback forms from each lab session• Mock and Part A ARC tools for each module• Self reflection for each module Due FRIDAY 2 JUN 2023 5PM AEST / 3PM AWST <u>Assessment 4 - Professional Behaviour Assessment</u> Due FRIDAY 2 JUN 2023 5PM AEST / 3PM AWST Practical Assessment Due: Week 12 Wednesday (31 May 2023) 11:45 pm AEST Professional Behaviour Assessment Due: Week 12 Friday (2 June 2023) 5:00 pm AEST

Review/Exam Week - 05 Jun 2023

Module/Topic	Chapter	Events and Submissions/Topic
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Exam Week - 12 Jun 2023

Module/Topic	Chapter	Events and Submissions/Topic
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Term Specific Information

My name is Deanne Chester and I am the unit coordinator of this unit. I can be reached at d.chester@cqu.edu.au or by phone on **07 3295 1175**. There are also co-coordinators for this unit on each campus so each student has a local contact point in addition to myself - we are all responsible for the running of this unit as well as marking of assessments including practical skills assessments. We are all here to make the journey through this unit as seamless as possible. Please feel free to contact any of us if you are having concerns, worries, or just need to talk.

This is a non-graded, pass/fail unit. Please be aware the Assessment Policy and Procedure (Higher Education Coursework) states: "4.58 Students who fail a single assessment in a pass/fail unit or a pass/fail component in a graded unit may be allowed an opportunity to re-attempt the assessment task if this is stated in the unit profile (see section 4.41) or is otherwise approved in line with the policy and procedure." This unit is scheduled to run once a year only - the next delivery will be in Term 1, 2024. All written assessment items must be submitted accurately and in the correct format by the due date, as there is no opportunity to apply a 5% penalty due to the pass/fail nature of each assessment task. The full documents for Assessment Policy and Procedure (Higher Education Coursework) and Grades and Results Procedure can be accessed on the [CQUni IMPortal http://www.cqu.edu.au/policy](http://www.cqu.edu.au/policy).

Zoom tutorial sessions will be held on most Thursdays throughout the term - please check the MEDS13002 unit Moodle site Virtual Classes tile for dates and times of these tutorials.

In regard to Assessment 1, **attendance at all skills labs for this unit is mandatory - this includes all assessment days**. Skills labs, as well as Peer-assisted practices and Tutor-assisted practises, will be scheduled throughout the term. Final assessment days occur in week 12. Please pay close attention to the lab schedule for this unit which can be located on the unit Moodle page with outlines of all these on-campus activities.

You must notify the unit coordinator and local lab staff (phone, email) **before** the start of compulsory labs if you are unable to attend or anticipate being late; this includes practical assessment days. Labs missed for a valid reason require supporting documentation, and you are advised to contact the unit coordinator to organise time to make up for the missed scanning time during practise sessions. Any compulsory lab missed without approval, or **being late to labs** will not be made up.

You must notify staff **before** beginning scanning on any day (compulsory labs, tutor-guided practise, peer-assisted practise, and practical skills assessments) if you are injured or ill, just like you would be required to do when working with patients and other healthcare team members. In the event that your condition could harm or negatively impact either yourself or those around you (e.g. put you at risk of exacerbating an injury, or pass on viral or bacterial infections to other students and staff), you will be sent home and, in the event of it being a compulsory lab or practical skills assessment, you will need to provide acceptable medical documentation for your absence as described above. Acceptable reasons for adjusting assessment for exceptional circumstances are articulated in the CQUniversity Assessment Policy and Procedure (HE Coursework), section 5.21, and are applicable for practical skills assessments, quizzes, and written assessment components.

"5.21 Students may request an adjustment to their assessment if their ability to prepare for, complete, submit or attend assessment was or will be significantly impacted by exceptional circumstances beyond their control due to:

- a) disability as defined in the Disability Policy (for advice contact the Student Accessibility and Equity Service)*
- b) medical or health-related condition (e.g. serious or debilitating illness or injury; hospitalisation; giving or recently given birth; mental health illness or condition) (for advice contact the Student Accessibility and Equity Service)*
- c) hardship or trauma (e.g. recent victim of crime, serious accident or other critical incident; sudden loss of income, employment or accommodation; severe disruption to domestic arrangements or family relationship breakdown)*
- d) compassionate circumstances (e.g. death of a family member or close friend; severe disruption to domestic arrangements or family relationship breakdown; unexpected carer responsibilities; lifethreatening illness of a family member; severe financial difficulty)*

e) unavoidable commitment that by its nature cannot be rescheduled (e.g. work commitments, primary carer responsibilities, jury service, approved activities away from campus or normal residence such as study overseas or work placements; cultural or religious obligations; state, national, international or other commitments requiring the student's participation including those stated in section 5.22 below)."

If you cannot attend a practical skills assessment on the scheduled day due to illness or injury and have provided acceptable medical documentation, the unit coordinator will arrange for the practical skills assessment to be undertaken at another time.

There is both tutor-assisted and peer-assisted practise throughout most weeks of the term - these are not compulsory but are strongly recommended for student success in the practical skills assessments. If you are unable to attend a peer-assisted practise session (self-scheduled with your peers as patients/scanners), or running late, please give your partner in these sessions as much notice as possible. Professional behaviour is expected in labs and in association with this unit at all times - please see Assessment 4 for further information regarding expectations of professionalism.

In regard to Assessment 2, **there are induction activities that need to be completed on day 1 of term, MONDAY 6 MAR 2023**, prior to accessing labs on Tuesday of week 1. There is a compulsory online WH&S Lab Induction - this must be completed before you can attend the sonography labs in any capacity (labs, tutor or peer-assisted practise).

In regard to Assessment 3, the quizzes will be held in weeks 4, 7, 10 and 12, and are each open for 32 hours. In the event that you are unable to complete the quiz in the allocated time and have suitable medical documentation for exceptional circumstances as discussed above, you need to notify the unit coordinator by phone **before the end of the quiz** to be granted an extension to the quiz time.

In regard to Assessment 4, **there is a compulsory online Zoom session on MONDAY 6 MAR 2023**. This session will go over the Professional Behaviour Assessment to articulate professional behaviour marking criteria and the consequences of exemplary, satisfactory, and unsatisfactory performance.

You are required to adhere to the **Sonography Labs Dress Code** at all times when using the ultrasound simulation labs, including peer-assisted practises, and the CQU Zero Tolerance Policy will be followed - both of these aspects are covered by the Professional Behaviour assessment (Assessment 4) and failure to comply will result in being asked to leave the lab (if in unsuitable or unsafe attire). This unit is preparation for clinical placement, where it is a requirement to follow WH&S requirements, wear the correct uniform, and to look like a medical professional at all times.

Assessment Tasks

1 Practical Assessment

Assessment Type

Objective Structured Clinical Examinations (OSCEs)

Task Description

Each Module (Carotid artery Doppler, Lower Extremity Veins for DVT, and Transvaginal female pelvis) will have skills tests associated with it as follows:

- Part A, Module 1 TUESDAY week 5
- Part A, Module 2 TUESDAY week 8
- Part A, Module 3 TUESDAY week 11
- Part B, OSCE (all Modules) TUESDAY and WEDNESDAY week 12

PART A

The purpose of the Part A skills tests in weeks 5, 8 and 11 is to provide you an opportunity to experience full testing conditions. In addition, your interim skill level will be assessed to determine whether you are performing at the required interim skill level, and feedback will be provided throughout the term at each test, which can allow you to reflect and improve along the way. You will be required to complete sonographic examinations under an appropriate time limit, as per the respective imaging protocol, including professional (pre-scan, during, and post-scan), technical (scanning) and clinical (knowledge) requirements that are discussed in the unit lab manual, instructed labs, lectures, and tutorials. These are outlined as follows:

Professional (pre-scan, during, and post-scan) requirements:

- Apply patient care techniques and effective communication to obtain relevant patient history, informed consent, and to direct 'patients' accordingly
- Apply professionalism in dealing with 'patients', colleagues, equipment, and the scanning setting

Technical (scanning) requirements:

- Students are required to perform routine sonographic scanning techniques, image optimisation, and acquisition, in a reasonable time period to competency level 2 (or advanced beginner as defined by ASA) level. A scanning time limit of 30 minutes is applied to Modules 1 & 2, and 25 minutes to Module 3 assessments.

Clinical (knowledge) requirements:

- Students are to narrate and justify their actions during the sonographic examination to demonstrate underlying knowledge and thought processes of the skills being performed as relevant to the examination.

Students will be assessed using the 'assessment of readiness for clinical' (ARC) tool, which is available on the unit Moodle site. The ARC tool assesses the three components holistically.

Part A assessments fulfill experiential and feedback purposes, as well as being recorded and used for summative

purposes in the event that you do not successfully pass Part B, OSCE (all modules) in week 12, which is discussed further below. If Part B is successfully passed, the results of Part A will not be required.

If, after the Part B assessment, one or more of the Part A assessments are required to determine your final grade, the following information will apply:

All Part A assessments will initially be marked live, and feedback provided to students. In the event that a final grade rests on Part A results, consensus moderation will then be used to formally mark the Part A assessment following week 12. Moderators will be allocated from another campus and will use video recordings of your performance which provides a more robust marking process than the live assessment. One grade will be allocated at the completion of all marking and moderating and you will receive the final ARC tool including the additional moderators' comments as feedback. Please carefully review the assessment information and ARC tools posted on the unit Moodle site.

PART B

The purpose of Part B OSCE assessment in week 12 is to determine your final grade with a targeted assessment covering all modules. You will be assessed on professional, technical and clinical requirements as per Part A. The assessor will instruct you to perform targeted portions of examinations in Part B, rather than complete examinations. You will be required to perform THREE targeted portions per module with a time limit of 15 minutes per Module, and 1 hour for the entire assessment.

All assessments will initially be marked live, and consensus moderation will be used for any result that is not a clear pass. Moderators will be allocated from another campus and will use video recordings of your performance which provides a more robust marking process than the live assessment. One grade will be allocated at the completion of all marking and moderating and you will receive the final ARC tool as feedback.

Assessment Due Date

Week 12 Wednesday (31 May 2023) 11:45 pm AEST

Part A Module 1 due TUESDAY week 5. Part A Module 2 due TUESDAY week 8. Part A Module 3 due TUESDAY week 11.

Part B OSCE (all Modules) due WEDNESDAY week 12.

Return Date to Students

Part A interim results and feedback will be emailed to students on the following MONDAY of the respective weeks. Part B final results and feedback will be made available to students on Certification of Grades.

Weighting

Pass/Fail

Minimum mark or grade

Criteria as outlined in the eARC marking tool

Assessment Criteria

This is a pass/fail assessment.

You must demonstrate **critical skills** consistently throughout the assessments. Each module covers a different examination which varies in protocol length and complexity and is thus marked accordingly. Please review the ARC tools, including listing of Correct Practice which are provided on the Moodle site for explanation of what would determine a critical or non critical error. There is no limit on non-critical skill errors, however there is a limit on critical skill errors as follows:

- Module 1 (carotid) - 7 out of 10 sections must contain no critical errors and all bolded items awarded to pass Part A.
- Module 2 (DVT) - 7 out of 10 sections must contain no critical errors and all bolded items awarded to pass Part A.
- Module 3 (TV pelvis) - 5 out of 6 sections must contain no critical errors and all bolded items awarded to pass Part A.
- OSCE (final assessment) - will contain targeted sections for each module and 70% of each module must contain no critical errors to pass Part B.

There is only ONE attempt per student per assessment.

If Part B is passed outright, Part A interim results will not be moderated or kept on permanent record, and you will pass the assessment item.

In the event that, following consensus moderation, a student does not pass one or more modules in Part B, then the Part A performance of that module will be taken into consideration. If, after consensus moderation of the relevant Part A assessment, the student demonstrated consistent critical skills (as per above for the relevant module) in the clinical, technical and professional components and all critical requirements (bolded points) in the professional component, the student will pass that module.

If one (or more) Module/s in Part B AND the corresponding Part A assessment/s are graded as a fail, the assessment item/s, module/s, and subsequently the unit, will be failed.

Please be aware that all assessments will be video recorded. Videos may be viewed by CQU sonography staff and tutors for the purposes of marking and moderation of assessments, and may be required to be viewed by other CQU staff in the event of a student requesting either a Review of Grade or an Appeal of Grade. The assessment videos will not be

released to students for review.

Referencing Style

- [Vancouver](#)

Submission

Offline

Learning Outcomes Assessed

- Complete sonographic examinations of the lower extremity veins, carotid arteries, and transvaginal female pelvis
- Display professional behaviour, teamwork, and communication skills consistent with safe sonographic practice and industry expectation
- Formulate problem-solving and critical-thinking strategies to appropriately address patient presentation

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

2 Induction and Reflection

Assessment Type

Written Assessment

Task Description

This is a pass/fail assessment item.

The purpose of this assessment is to prepare you for the professionalism and documentation responsibilities you will have on clinical placement, as well as to develop self-reflection skills by setting weekly goals and following-up on your progress. When working clinically, patients and physicians rely on quick, efficient, and complete documentation to issue treatment. Failure to complete paperwork correctly in the clinical environment may have dire consequences to patient management.

This assessment will require you to complete the documentation set forth in your Lab Manual. This includes documents forming Part A - Lab Induction, and documents forming Part B - Reflection on feedback through the term, as follows:

PART A - INDUCTION

- Workplace Health and Safety Induction
- Lab Agreement
- Consent Form - Sonographic Examination for Teaching Purposes
- Compulsory tutorial

PART B - REFLECTION

- Formative feedback forms from each lab session
- Mock and Part A ARC tools for each module
- Self reflection for each module

Uploaded documentation is in pdf format. Please ensure your SURNAME, first name, student number, and name of what you are uploading is used in that order in the title of the document, separated by either underscores or single spaces. Any other order variation or information is incorrect so please take note of this.

i.e. Chester_Deanne_s0123456_lab_agreement.pdf or Chester Deanne s0123456 lab agreement.pdf

To simulate real clinical environments where **correct documentation is of critical importance**, non-completed or incorrectly completed paperwork will be returned to students with **ONE** opportunity provided to correct the error. As this is a pass/fail assessment item, repeated errors may result in a fail of the assessment item.

The **compulsory tutorial** covers requirements for the Professional Behaviour Assessment (Assessment 4), as well as important induction and term information. It is compulsory that all students attend on **MONDAY 6 MAR 2023 10.30AM AEST / 11.30AM AEDT / 8.30AM AWST**

This assessment also ties in with Assessment 4 - Professional Behaviour Assessment. You are required to complete your Formative Feedback Forms before leaving at the end of each lab (as you would be required to complete documentation for each patient's scan before the end of a clinical shift), and to have it signed off by your tutor. You must upload all required documentation for this assessment by the due date and time to obtain a 'pass'. If you do not have all lab days signed off on your Lab Attendance, you will need to write in the reason. Note that a Lapse in Professionalism may apply if documentation has not been signed off correctly.

Assessment Due Date

PART A - Induction documents due Monday 6 MAR 2023 5PM AEST / 6PM AEDT / 3PM AWST. PART B - Reflection documents due Friday 2 JUN 2023 5PM AEST / 3PM AWST.

Return Date to Students

Documents will be graded within 10 working days of due dates

Weighting

Pass/Fail

Assessment Criteria

This is a pass/fail assessment task in a pass/fail unit - a fail grade for any component of a pass/fail assessment task will result in a fail grade for the assessment task, and subsequently the entire unit.

To pass this assessment item you must:

- complete all paperwork accurately
- save and upload in the format specified
- submit by the due date and time specified

Documentation in the clinical environment must be correctly issued, otherwise there can be dire consequences for patient and legal ramifications for the sonographer. Hence, in the lab, non-completed or incorrectly completed paperwork will be returned to students, with one opportunity provided to correct the error. Repeated errors may incur a fail of the assessment item due to requirements in Assessment 4 (see below).

Referencing Style

- [Vancouver](#)

Submission

Online

Submission Instructions

upload to Moodle

Learning Outcomes Assessed

- Critically reflect and improve upon own professional practice and sonographic psychomotor skills

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Team Work

3 Online Quizzes

Assessment Type

Online Quiz(zes)

Task Description

- There are **FOUR** quizzes for this unit which are each available to you for 32 hours.
- The content of quizzes 1-3 will be sonographic anatomy, protocol and technique relevant to the respective module, and may include expected prior knowledge relevant to that module, asked in a multiple choice format. The purpose of these quizzes is to ensure preparation **prior** to Assessment 1 - Part A in each scanning module. Quizzes 1-3 are each worth 20% of this assessment task grade.
- Quiz 4 is an end of term quiz and covers all modules, asked in a short answer format, designed to test your critical thinking and clinical judgement. Quiz 4 is worth 40% of this assessment task grade.
- **Students must achieve a cumulative score of 70% across the four quizzes to pass this assessment**
- This is an open book quiz, so you have the opportunity to consult your notes, lecture slides, text books, and Moodle page. However, this assessment is to be undertaken as an individual.
- You are allowed ONE attempt at each quiz and once you have started the quiz, it cannot be paused or restarted.
- Time limit for Quizzes 1-3 is 20 minutes. Once the time limit is reached any open questions will be automatically submitted.
- Time limit for Quiz 4 is 40 minutes. Once the time limit is reached any open questions will be automatically submitted.
- These assessment tasks must be completed on or before the due dates listed.

- No late submissions are permitted after each quiz has closed so please ensure adequate time for completion. If you have computer / quiz access difficulties, you need to contact TaSAC as soon as possible for assistance, and the unit coordinator (after you've contacted TaSAC) if you cannot complete the quiz in the allocated time before the end of the quiz (5PM AEST / 3PM AWST).
- In the event that you are unable to complete the quiz in the allocated time and have suitable medical documentation for exceptional circumstances, you need to notify the unit coordinator or apply online for an extension before the end of the quiz to be granted an extension to the quiz time.
- In the absence of an approved extension, or documented IT issues, there will be no opportunity to complete a quiz after it has closed.

Quiz weeks, topics (weightings) are as follows:

WEEK 4 Module 1 Carotid Doppler examination (20%)

WEEK 7 Module 2 Deep Venous Thrombosis examination (20%)

WEEK 10 Module 3 Transvaginal Female Pelvis examination (20%)

WEEK 11 Modules 1-3 End of term quiz (40%)

Number of Quizzes

4

Frequency of Quizzes

Other

Assessment Due Date

QUIZ 1 opens TUESDAY 28 MAR 9AM AEST/10AM AEDT/7AM AWST, closes WEDNESDAY 29 MAR 5PM AEST/6PM AEDT/3PM AWST. QUIZ 2 opens TUESDAY 25 APR 9AM AEST/7AM AWST, closes WEDNESDAY 26 APR 5PM AEST/3PM AWST. QUIZ 3 opens TUESDAY 16 MAY 9AM AEST/7AM AWST, closes WEDNESDAY 17 MAY 5PM AEST/3PM AWST. QUIZ 4 opens THURSDAY 25 MAY 9AM AEST/7AM AWST, closes FRIDAY 26 MAY 5PM AEST/3PM AWST.

Return Date to Students

QUIZ 1-3: Students will receive their scores and feedback for each quiz once all students have completed that quiz. QUIZ 4: Students will receive their result within 10 working days.

Weighting

Pass/Fail

Minimum mark or grade

70%

Assessment Criteria

Quizzes 1-3: Multiple choice questions will either be correct or incorrect and tabulated by the unit's online Moodle system.

Quiz 4: Short answer questions will be marked by the Unit Coordinator.

Students must achieve a cumulative score of 70% across the four quizzes to pass this assessment.

As per Assessment Policy and Procedure (Higher Education Coursework), Section 5, Procedure - Assessment Management, item 5.54 *"For some assessments, it may not be appropriate to apply a late penalty. Such assessments will receive a mark of zero if not completed by or on the specified date. Examples are: b) online quizzes where answers are released to students on completion, e) pass/fail assessment tasks"*. In the absence of an approved extension, there will be no opportunity to complete a quiz after it has closed.

This is an open book quiz, so you have the opportunity to consult your notes, lecture slides, text books, and Moodle page. However, this assessment is to be undertaken as an individual, and is not approved as group work. As per the Student Academic Integrity Policy and Procedure, Section 3.25 *"If evidence shows that plagiarism, collusion, cheating or academic misconduct of any kind has occurred, the conduct will be considered a breach of academic integrity."* Colluding with other students on non-group work tasks is considered academic misconduct, and will be reported to the Academic Integrity Unit.

Referencing Style

- [Vancouver](#)

Submission

Online

Learning Outcomes Assessed

- Complete sonographic examinations of the lower extremity veins, carotid arteries, and transvaginal female pelvis
- Formulate problem-solving and critical-thinking strategies to appropriately address patient presentation

Graduate Attributes

- Communication
- Problem Solving
- Information Literacy

4 Professional Behaviour Assessment

Assessment Type

On-campus Activity

Task Description

Professionalism and professional behaviour are critical parts of any medically aligned profession, and encompass the manner in which we treat our colleagues, patients, and the professional settings and equipment provided to us. The purpose of this assessment is to ensure that students from the Medical Sonography course are well-equipped to embody the high standards of professionalism that are expected from CQUniversity students while on their upcoming clinical placements, and as graduate sonographers in their future careers. Developing your professionalism during this unit will prepare you for the next environment in which you will be expected to maintain professional behaviour whenever in your uniform and representing the university, placement site, and yourself.

This assessment will require you to treat each of your lab sessions as a scheduled "work shift" and to exhibit professional attitudes to ensure you are prepared to enter the work force with the skills required to provide safe and professional patient care. As such, this assessment is based on assessment of student application and attendance during labs throughout the term.

Expected behaviour and its relevance to the clinical environment is listed in the Professional Behaviour Assessment description. Additionally, please familiarise yourself with the CODE OF CONDUCT in the Lab Manual as well as the ASAR CODE OF CONDUCT and the CQU CODE OF CONDUCT so that you have a clear understanding of the rationale for, and importance of this assessment. All of these documents are posted on the unit Moodle site for your information. Professionalism extends to colleagues, staff, patients, environment, and equipment.

This is a pass/fail assessment.

This assessment is marked against the Professional Behaviour Assessment (PBA) description and incorporates a process of warnings and feedback on expected behaviour of students when in the lab environment. This will commence in week 2 of the term, and apply to activities within the lab. A warning is known as a Lapse in Professionalism (LiP). Up to three LiPs can be received within the unit without adverse consequence. A fourth LiP however will result in the assessment being graded as a fail.

In the event that a LiP point is accrued, written documentation of the reason will be completed by the on-site lecturer or the unit coordinator, and provided to you as feedback. You will have the opportunity to seek further clarification from or discuss the circumstances of the LiP point from the unit coordinator.

If unprofessional attitude or behaviour is reported by fellow classmates and not witnessed by a staff member, an unofficial warning with formative feedback will be provided in writing detailing the allegation, and your response will be documented.

There is a **COMPULSORY Zoom session on MONDAY 6 MAR 2023 10.30AM AEST / 11.30AM AEDT / 8.30AM AWST** regarding requirements for this assessment task.

Assessment Due Date

Week 12 Friday (2 June 2023) 5:00 pm AEST

Professional behaviour is to be demonstrated when in the lab environment across the term.

Return Date to Students

Documents will be graded within 10 working days of due date

Weighting

Pass/Fail

Assessment Criteria

This is a pass/fail assessment.

The LiP system is designed to provide a warning to students when they exhibit unprofessional behaviour, and hence up to three LiPs (official warnings) can be issued within the unit without adverse consequence. A fourth LiP however will result in the assessment being graded as a fail.

A maximum of three LiP points can be accrued to pass this assessment. As this is a pass/fail unit, a pass in all assessment items is required to pass this unit.

Referencing Style

- [Vancouver](#)

Submission

Offline

Submission Instructions

Unit coordinator will grade each student based on records from the term. No student submission is required.

Learning Outcomes Assessed

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

Graduate Attributes

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