MEDI12006 *Imaging Procedures 2*
Term 2 - 2020

Profile information current as at 14/12/2025 03:42 pm

All details in this unit profile for MEDI12006 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.

Corrections

Unit Profile Correction added on 26-08-20
For Assessment Item #4 Online Test 1, the minimum score of 50% has been removed.

General Information

Overview
Imaging Procedures 2 will build upon your foundation knowledge and skills developed in Imaging Procedures 1. On completion of this unit, you should be able to perform routine radiographic examinations of the axial and appendicular skeleton, chest, abdomen and craniofacial structures. You will expand your image assessment and interpretation skills to radiography of the axial skeleton. You will be introduced to additional areas of radiographic practice, including mammography, bone mineral densitometry and mobile x-ray imaging. This unit includes a large element of clinical simulation to enhance readiness for clinical placement.

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: MPAT12001 Medical Pathophysiology MEDI12001 Radiation Science MEDI12002 Science and Instrumentation 1 MEDI12003 Imaging Procedures 1 Co-requisites: MEDI12005 Science and Instrumentation 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 2 - 2020

- Mackay

Attendance Requirements
All on-campus students are expected to attend scheduled classes – in some units, these classes are identified as a mandatory (pass/fail) component and attendance is compulsory. International students, on a student visa, must maintain a full time study load and meet both attendance and academic progress requirements in each study period (satisfactory attendance for International students is defined as maintaining at least an 80% attendance record).

Website
This unit has a website, within the Moodle system, which is available two weeks before the start of term. It is important that you visit your Moodle site throughout the term. Please visit Moodle for more information.

Class and Assessment Overview

Recommended Student Time Commitment

Each 6-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 12.5 hours of study per week, making a total of 150 hours for the unit.

Class Timetable

Regional Campuses
Bundaberg, Cairns, Emerald, Gladstone, Mackay, Rockhampton, Townsville

Metropolitan Campuses
Adelaide, Brisbane, Melbourne, Perth, Sydney

Assessment Overview

1. **Practical Assessment**
Weighting: Pass/Fail
2. **Practical Assessment**
Weighting: Pass/Fail
3. **Practical Assessment**
Weighting: Pass/Fail
4. **Online Test**
Weighting: 30%
5. **Online Test**
Weighting: 30%
6. **Online Test**
Weighting: 40%

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 Student feedback

Feedback

The pre-recordings of the spine positioning techniques in the X-ray Labs were very useful to aid students in improving their positioning skills. Students have also requested for similar recordings of the skull and facial bones imaging to assist them with improving positioning techniques in these areas.

Recommendation

Expand the use of video recordings of demonstrations of positioning techniques.

Feedback from Unit Coordinator feedback

Feedback

The newly acquired fully immersive virtual reality system has been implemented to a limited extent this year. There are considerable learning opportunities not yet well used by the students.

Recommendation

Increase usage of the newly implemented medical imaging virtual reality (VR) learning tool, as an additional means of students practicing their imaging techniques.

Feedback from Student feedback and Academic staff observations

Feedback

Students enjoy and appreciate the content of this unit and its relevance to the medical imaging clinical placements.

Recommendation

Maintain the content of the unit and its relevance to clinical practice, and the structure of content delivery and practical application.

Unit Learning Outcomes

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

1. Perform safely and effectively at an advanced beginner level simulated radiographic examinations of all body regions, focusing on commonly requested examination on ambulant adults
2. Demonstrate patient care and professional behaviours in the simulated clinical environment
3. Assess radiographs for technical sufficiency
4. Discuss methods to modify a radiographic examination to improve technical sufficiency and/or better demonstrate required anatomy
5. Identify radiographic appearances of normal anatomical structures, common normal variants and common pathologies on radiographic images all body regions
6. Use technical terminology correctly in discussing the set-up of the beam, patent and image receptor for radiographic examinations and in discussing radiographic images and their appearances
7. Discuss the indications for, anatomical features demonstrated by, technical set-ups, patient care requirements and specific imaging goals of routine radiographic projections of all body regions of ambulant adult patients
8. Discuss the techniques, patient care requirements and safety considerations of mammography, bone mineral densitometry, dental imaging and, at an introductory level, mobile and theatre imaging.

Medical Radiation Practice Board of Australia (MRPBA) Professional Capabilities for Medical Radiation Practice (2020)
Domain 1: Medical radiation practitioner: capabilities 1, 2, 4, 6, and 7
Domain 1A: Diagnostic radiographer: capability 1
Domain 2: Professional and ethical practitioner: capabilities 1 and 2
Domain 3: Communicator and collaborator: capabilities 1 and 2
Domain 4: Evidence-informed practitioner: capabilities 1 and 2
Domain 5: Radiation safety and risk manager: capabilities 1 and 2

Alignment of Learning Outcomes, Assessment and Graduate Attributes

N/A Level | Introductory Level | Intermediate Level | Graduate Level | Professional Level | Advanced Level

Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes							
	1	2	3	4	5	6	7	8
1 - Practical Assessment - 0%	•	•						
2 - Practical Assessment - 0%	•	•						
3 - Practical Assessment - 0%		•						
4 - Online Test - 30%								•
5 - Online Test - 30%	•		•	•	•	•	•	
6 - Online Test - 40%			•	•	•	•	•	

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes							
	1	2	3	4	5	6	7	8
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 - Practical Assessment - 0%	•	•		•		•	•	•		
2 - Practical Assessment - 0%	•	•		•		•	•	•		
3 - Practical Assessment - 0%	•	•	•		•		•			
4 - Online Test - 30%	•						•	•		
5 - Online Test - 30%	•	•								
6 - Online Test - 40%	•	•						•		

Textbooks and Resources

Textbooks

MEDI12006

Prescribed

Accident and Emergency Radiology: A Survival Guide
3rd Edition (2015)
Authors: Raby, Berman, De Lacey
Elsevier
Sydney , NSW , Australia
ISBN: 9780702042324
Binding: Paperback
MEDI12006

Prescribed

Bontrager's Handbook of Radiographic Positioning and Techniques
9th Edition (2018)
Authors: John Lampignano & Leslie E. Kendrick
Elsevier
St. Louis , Missouri , USA
ISBN: 9780323485258
Binding: Spiral
MEDI12006

Prescribed

Bontrager's Textbook of Radiographic Positioning and Related Anatomy
9th Edition (2018)
Authors: John Lampignano & Leslie E. Kendrick
Elsevier
St. Louis , Missouri , USA
ISBN: 9780323399661
Binding: Hardcover

Additional Textbook Information
The textbooks for MEDI12006 are the same textbooks previously used for MEDI12003.
If you have not previously purchased these prescribed texts, copies can be purchased at the CQUni Bookshop here: http://bookshop.cqu.edu.au (Search on the Unit code).

View textbooks at the CQUniversity Bookshop

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- CQUniversity Library Website (e-Journals)

Referencing Style

All submissions for this unit must use the referencing style: Harvard (author-date)
For further information, see the Assessment Tasks.

Teaching Contacts

Lauren Macdonald Unit Coordinator
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Schedule

Week 1 - 13 Jul 2020

Module/Topic	Chapter	Events and Submissions/Topic
Imaging of the Cervical & Thoracic Spine	Bontrager's Textbook of Radiographic Positioning and Related Anatomy, Chapter 8 Bontrager's Handbook of Radiographic Positioning and Techniques, Chapter 6	Online Tutorial

Week 2 - 20 Jul 2020

Module/Topic	Chapter	Events and Submissions/Topic
Imaging of the Lumbar & Sacral Spine	Bontrager's Textbook of Radiographic Positioning and Related Anatomy, Chapter 9 Bontrager's Handbook of Radiographic Positioning and Techniques, Chapter 6	Online Tutorial

Week 3 - 27 Jul 2020

Module/Topic	Chapter	Events and Submissions/Topic
Imaging of the Facial Bones	Bontrager's Textbook of Radiographic Positioning and Related Anatomy, Chapter 11 Bontrager's Handbook of Radiographic Positioning and Techniques, Chapter 8	Online Tutorial

Week 4 - 03 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
Imaging of the Skull	Bontrager's Textbook of Radiographic Positioning and Related Anatomy, Chapter 11 Bontrager's Handbook of Radiographic Positioning and Techniques, Chapter 8	Online Tutorial

Week 5 - 10 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
		Online Test 1 Due Week 5 Mackay Show Holiday Public Holiday - Friday 14th August 2020

Vacation Week - 17 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic

Week 6 - 24 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
Introduction to Mammography	Bontrager's Textbook of Radiographic Positioning and Related Anatomy, Chapter 20	Online Tutorial

Week 7 - 31 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
Introduction to Dental Radiography and Bone Densitometry	Bontrager's Textbook of Radiographic Positioning and Related Anatomy, Chapter 11 Bontrager's Textbook of Radiographic Positioning and Related Anatomy, Chapter 20 Bontrager's Handbook of Radiographic Positioning and Techniques, Chapter 8	Online Tutorial Group 1 - Lab Intensive (Mackay Ooralea Campus)

Week 8 - 07 Sep 2020

Module/Topic	Chapter	Events and Submissions/Topic
Introduction to Mobiles & Theatre	Bontrager's Textbook of Radiographic Positioning and Related Anatomy, Chapter 15 Bontrager's Handbook of Radiographic Positioning and Techniques, Chapter 10	Online Tutorial Group 1 - Lab Intensive (Mackay Ooralea Campus) Group 1 Practical Assessment 1 - Monday 7th September 2020 Group 1 Re-tests Practical Assessment 1 - Tuesday 8th September 2020 Group 1 Practical Assessment 2 - Thursday 10th September 2020 Group 1 Re-tests Practical Assessment 2 - Friday 11th September 2020

Week 9 - 14 Sep 2020

Module/Topic	Chapter	Events and Submissions/Topic
Consolidation of Image Assessment Skills		Online Tutorial Group 1 Reflection and Action Plan - Monday 14th September 2020 Group 1 Professional Behaviours Form - Monday 14th September 2020 Online Test 2 Due Week 9

Week 10 - 21 Sep 2020

Module/Topic	Chapter	Events and Submissions/Topic
Consolidation of Image Assessment Skills		Online Tutorial

Week 11 - 28 Sep 2020

Module/Topic	Chapter	Events and Submissions/Topic
Consolidation of Image Assessment Skills		Online Tutorial

Week 12 - 05 Oct 2020

Module/Topic	Chapter	Events and Submissions/Topic
Consolidation of Image Assessment Skills		Online Tutorial Group 2 - Lab Intensive (Mackay Ooralea Campus) Labor Day Public Holiday - Monday 5th October 2020

Week 13 - 12 Oct 2020

Module/Topic	Chapter	Events and Submissions/Topic
		Group 2 - Lab Intensive (Mackay Ooralea Campus) Group 2 Practical Assessment 1 - Monday 12th October 2020 Group 2 Re-tests Practical Assessment 1 - Tuesday 13th October 2020 Group 2 Practical Assessment 2 - Thursday 15th October 2020 Group 2 Re-tests Practical Assessment 2 - Friday 16th October 2020

Week 14/ Exam Week - 19 Oct 2020

Module/Topic	Chapter	Events and Submissions/Topic
		Group 2 Reflection and Action Plan - Monday 19th October 2020 Group 2 Professional Behaviours Form - Monday 19th October 2020 Online Test 3 Due Week 14

Term Specific Information

This unit consists of online lecture videos, online zoom tutorials and an intensive on-campus lab block.

You will attend an 8 day intensive on-campus lab block over 1.5 weeks, following on directly after a 2.5 week intensive on-campus lab block for students completing Imaging Procedures 1.

To ensure safe physical distancing of students in the labs, students will be separated into two groups, Group 1 and Group 2.

- Group 1 will attend an intensive on-campus lab block at Mackay Ooralea Campus from Wednesday 2nd September 2020 to Friday 11th September 2020 (Week 7 - Week 8)
- Group 2 will attend an intensive on-campus lab block at Mackay Ooralea Campus from Wednesday 7th October 2020 to Friday 16th October 2020 (Week 12 - Week 13)

During this intensive lab block, you will participate in instructed sessions, practice radiographic positioning techniques and complete all your Practical Assessments for Imaging Procedures 2. You are expected to practice the positioning techniques during the timetabled independent practice sessions allocated on your intensive on-campus lab block.

You should plan to view all online lectures, online tutorials, and fully attend the intensive on-campus lab block, as this will be integral to the development of knowledge and skills required for the assessments of the unit.

Note that 150 hours of student engagement is required for this unit.

During Weeks 1-8, you should plan to have a total of 12 hrs of student engagement per week.
This includes:

- online lectures (3 hrs/wk)
- online tutorials (1 hr/wk)
- personal study time (8 hrs/wk).

During Weeks 9-12, your student engagement hours will reduce to 4-5 hrs per week.
This includes:

- online tutorials (1 hr/wk)
- personal study time (3-4 hrs/wk).

During your intensive on-campus lab block, you will have an additional 20 hours of student engagement.
This includes:

- lab instruction
- supervised labs
- independent labs and VR practice
- revision and
- assessment.

This unit is designed to run concurrently with MEDI12005 Science & Instrumentation 2. You are expected to apply your knowledge and skills from those two units to both learning activities and assessments in this unit.

Assessment Tasks

1 Practical Assessment 1 - Simulated radiography of the spine

Assessment Type
Practical Assessment

Task Description
Performing simulated radiography techniques in the x-ray lab environment allows you to apply your learned skills, by positioning your peers as patients for simulated x-ray examinations and modifying technical factors. Attending the

supervised and independent practice lab sessions is crucial to your learning success and preparation for your clinical placements.

Practical Assessment 1 is an individual 15 minute practical assessment in the x-ray suite. You will perform two simulated conventional radiography projections on one anatomical region using a peer as your patient. Feedback provided from this assessment will enable you to structure your learning and make improvements to your performance in preparation for Practical Assessment 2.

Practical assessment 1 will focus on patient care and communication, examination justification, patient positioning, imaging technique, safe practice and management of the radiographic process.

*You will be required to perform one simulated x-ray examination (including **two** views/projections) that has been covered in the unit material from Weeks 1-2.*

Please note:

- This is a timed examination. You will have 15 minutes to complete the practical elements of the task. If the practical element of the examination is not completed within the allocated 15 minutes, the practical element will be stopped and you will be marked based on your performance up to that point.
- You must present for your individual practical assessment dressed as you would present to the clinical environment. Any student not adhering to the dress code may be excluded from the assessment.
- This assessment task may be recorded using a video camera to enable moderation.
- As this is a simulation of a clinical procedure, you must carry this out without referring to any guidance resources (e.g. notes, texts, electronic devices) – this is a closed book assessment.
- If you do not achieve the minimum score you will be given only one additional opportunity to be re-assessed. The re-attempt will be scheduled within your intensive on-campus lab sessions.

This is a pass/fail assessment item that must be completed by the specified due date. If you have extenuating circumstances that cause you to be unable to submit your assessment at the due date and time, you must apply for an assessment extension. See Section 5 of the University's Assessment Policy and Procedure for details regarding assessment management, specifically around assessment extension. If your request for an extension is approved, you will be assigned a new due date/time. In the absence of an approved extension, you will not be able to submit this task at a later date and would thus receive a Fail grade for the assessment, which would result in a Fail grade for the unit.

Assessment Due Date

Group 1: During the intensive on-campus lab sessions on Monday 7th September 2020. Group 2: During the intensive on-campus lab sessions on Monday 12th October 2020.

Return Date to Students

Global verbal feedback provided within 1 working day following the assessment. Written feedback provided within two weeks of assessment.

Weighting
Pass/Fail

Minimum mark or grade
Pass

Assessment Criteria
Areas assessed:

- Interpretation and justification of the clinical request
- Preparation of the x-ray room and ancillary equipment
- Positive identification of patient and introduction
- Verification of anatomical area and relevant clinical history
- Determination of pregnancy status
- Gaining informed consent
- Projections performed effectively
- Projections performed in a timely manner
- Use of primary anatomical markers
- Correct application of appropriate radiation shielding
- Safe use of equipment
- Appropriate debrief and dismiss of patient
- Infection control

- Communication skills
- Professionalism

Each main category has one or more tasks. Each task has a minimum score required for a pass. Some tasks are of a more critical nature than others, therefore require a higher level of performance.

Please note:

- The scope of performance criteria for this assessment is consistent with that used in the prerequisite unit MEDI12003 Imaging Procedures 1.
- Detailed performance and assessment criteria and a scoring rubric will be available on the unit Moodle site.
- Each performance criterion has a specified target score of 3, 4 or 5 out of 5.
- Specified critical criteria requires achieving a score of 5 out of 5, allowing for no errors or omissions.
- For the remaining non-critical criteria, to pass the assessment, you must achieve the minimum specified targeted score in all assessment criteria.

Referencing Style

- Harvard (author-date)

Submission
Offline

Submission Instructions
Practical Assessment in the X-ray Laboratory

Learning Outcomes Assessed

- Perform safely and effectively at an advanced beginner level simulated radiographic examinations of all body regions, focusing on commonly requested examination on ambulant adults
- Demonstrate patient care and professional behaviours in the simulated clinical environment

Graduate Attributes

- Communication
- Problem Solving
- Information Literacy
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

2 Practical Assessment 2

Assessment Type
Practical Assessment

Task Description
Performing simulated radiography techniques in the x-ray lab environment allows you to apply your learned skills, by positioning your peers as patients for simulated x-ray examinations and modifying technical factors. Attending the supervised and independent practice lab sessions is crucial to your learning success and preparation for your clinical placements.

Practical Assessment 2 is an individual 15 minute practical assessment in the x-ray suite. You will perform two simulated conventional radiography projections on one anatomical region using a peer as your patient.

This assessment will focus on patient care and communication, examination justification, patient positioning, imaging technique, safe practice and management of the radiographic process.

*You will be required to perform one simulated x-ray examination (including **two** routine views/projections) from any body region covered in Imaging Procedures 1 or 2.*

Please note:

- This is a timed examination. You will have 15 minutes to complete the practical elements of the task. If the practical element of the examination is not completed within the allocated 15 minutes, the practical element will be stopped and you will be marked based on your performance up to that point.
- You must present for your individual practical assessment dressed as you would present to the clinical

environment. Any student not adhering to the dress code may be excluded from the assessment.
- This assessment task may be recorded using a video camera to enable moderation.
- As this is a simulation of a clinical procedure, you must carry this out without referring to any guidance resources (e.g. notes, texts, electronic devices) – this is a closed book assessment.
- If you do not achieve the minimum score you will be given only one additional opportunity to be re-assessed. The re-attempt will be scheduled within your intensive on-campus lab sessions.

This is a pass/fail assessment item that must be completed by the specified due date. If you have extenuating circumstances that cause you to be unable to submit your assessment at the due date and time, you must apply for an assessment extension. See Section 5 of the University's Assessment Policy and Procedure for details regarding assessment management, specifically around assessment extension. If your request for an extension is approved, you will be assigned a new due date/time. In the absence of an approved extension, you will not be able to submit this task at a later date and would thus receive a Fail grade for the assessment, which would result in a Fail grade for the unit.

Assessment Due Date

Group 1: During the intensive on-campus lab sessions on Thursday 10th September 2020. Group 2: During the intensive on-campus lab sessions on Thursday 15th October 2020.

Return Date to Students

Global verbal feedback provided within 1 working day following the assessment. Written feedback within two weeks of assessment.

Weighting
Pass/Fail

Minimum mark or grade
Pass

Assessment Criteria
Areas assessed:

- Interpretation and justification of the clinical request
- Preparation of the x-ray room and ancillary equipment
- Positive identification of patient and introduction
- Verification of anatomical area and relevant clinical history
- Determination of pregnancy status
- Gaining informed consent
- Projections performed effectively
- Projections performed in a timely manner
- Use of primary anatomical markers
- Correct application of appropriate radiation shielding
- Safe use of equipment
- Appropriate debrief and dismiss of patient
- Infection control
- Communication skills
- Professionalism

Each main category has one or more tasks. Each task has a minimum score required for a pass. Some tasks are of a more critical nature than others, therefore require a higher level of performance.

Please note:

- Detailed performance and assessment criteria and a scoring rubric will be available on the unit Moodle site.
- Each performance criterion has a specified target score of 4 or 5 out of 5.
- Specified critical criteria requires achieving a score of 5 out of 5, allowing for no errors or omissions.
- For the remaining non-critical criteria, to pass the assessment, you must achieve the minimum specified targeted score in all assessment criteria.

Referencing Style

- Harvard (author-date)

Submission
Offline

Submission Instructions
Practical Assessments in the X-ray Laboratory

Learning Outcomes Assessed

- Perform safely and effectively at an advanced beginner level simulated radiographic examinations of all body regions, focusing on commonly requested examination on ambulant adults
- Demonstrate patient care and professional behaviours in the simulated clinical environment

Graduate Attributes

- Communication
- Problem Solving
- Information Literacy
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

3 Reflection & Action Plan, Professional Behaviours

Assessment Type
Practical Assessment

Task Description
The purpose of this assessment is to prepare you for the clinical environment and the professional responsibilities required of a radiographer. You will also reflect on your skill development and set a SMART goal.

This assessment consists of two parts to complete and upload:

- Reflection & Action Plan
- Professional Behaviours Form

Reflection & Action Plan
This assessment further develops your skills of reflection on your practice so that you may apply what you have learned to improve your practice. You applied your reflective skills in MEDI12003 Imaging Procedures 1, and you will continue to use reflection to develop as a professional by self-assessing the weaker areas of your performance. You will also receive feedback from your lab supervisors and peers during your intensive on-campus lab sessions that you will document and use to reflect upon.

During lab sessions, each student will be required to observe their peers and provide constructive feedback to the student who is playing the role of "radiographer". You will provide feedback based on the technical performance and patient care and communication skills demonstrated. You are to log on the Reflection Feedback Form any feedback you receive from your lab supervisor or peers, plus add your own observations. Then, select an attribute/s that you feel requires improvement and reflect on your performance for this attribute. You must choose to reflect upon a different attribute compared with the one chosen in MEDI12003.

By applying a deeper understanding of your thinking and actions that you have obtained from your reflection, you must develop an action plan that you will implement in preparation for your clinical placement. Discuss how you plan to raise the performance of your selected attribute by setting a SMART goal (specific, measurable, action-oriented, realistic and time-based). By addressing each item in the SMART acronym you will articulate specific actions that you will implement in order to improve your performance related to that attribute.

Format of submission - A Word template will be provided for this assessment item, so that you can enter your response under each heading to address the required content points. As this is a reflective report, you are to write in the first person. The Reflection and Action Plan should be 600-800 words in length, with a maximum word count of 1000.

Professional Behaviour
Professional behaviour is a vital component of competency as a health care professional. As such you will be expected to demonstrate this consistently whilst working in the simulated clinical environment of the imaging labs.

The Professional Behaviours Assessment Form is available on the unit Moodle site. You must bring it with you to each of your scheduled supervised practical lab classes. This form details the behaviours required. Your lab supervisor will assess your performance relative to the stated standards. Your lab supervisor will complete and sign the form every session.

Please ensure you check due dates and times for the submissions, and that all paperwork is completed correctly and accurately. Failure to do so will result in a fail mark for that assessment item.

This is a pass/fail assessment item that must be completed by the specified due date. If you have extenuating circumstances that cause you to be unable to submit your assessment at the due date and time, you must apply for an assessment extension. See Section 5 of the University's Assessment Policy and Procedure for details regarding assessment management, specifically around assessment extension. If your request for an extension is approved, you will be assigned a new due date/time. In the absence of an approved extension, you will not be able to submit this task at a later date and would thus receive a Fail grade for the assessment, which would result in a Fail grade for the unit.

Assessment Due Date

Reflection & Action Plan and Professional Behaviours Form: Group 1: Monday 14th September 2020 at 5pm AEST, Group 2: Monday 19th October 2020 at 5pm AEST.

Return Date to Students

Feedback provided within 2 weeks of each assessment.

Weighting
Pass/Fail

Minimum mark or grade
Pass

Assessment Criteria
Reflection and Action Plan
The reflection and action plan submissions are assessed for:

- completeness of the submission (providing a response in each area of the template to address the stated questions and instructions in the task description)
- depth of discussions (analysis, interpretation, evaluation, recognition of own thinking and actions)
- relevance and practicality of the proposed actions
- clarity and format of writing (including logical flow, spelling, punctuation, grammar and correct use of Harvard system in citing external sources)
- adhering to word limit

A marking rubric will be posted on the unit Moodle site to specify the 'Pass' requirements for each criterion listed above. In the event that your submission does not meet the 'Pass' requirements as per the rubric, you will be provided detailed feedback and guidance by the unit coordinator. You will then have one week to respond to the feedback and resubmit the Reflection and Action Plan assessment.

Professional Behaviours
Assessed upon:

- Attendance
- Punctuality
- Professional Attire
- Preparedness
- Productivity
- Teamwork
- Professional decorum
- Feedback

Detailed assessment criteria and a marking rubric are available on the unit Moodle site. You will receive 8 points per lab class if all assessment criteria are met. Points will be deducted for any criteria, including attendance, where you have not demonstrated the behaviour to the required standard.

To attain a 'Pass' for this assessment, you must:

- submit the reflection and action plan by the stated due date
- meet the 'Pass' requirements in all criteria of the reflection and action plan after a maximum of two attempts (initial submission and one re-submission)
- receive 80% of available points for the professional behaviours evaluation
- complete and upload the professional behaviours evaluation form by the due date.

Referencing Style

- Harvard (author-date)

Submission
Online

Submission Instructions
Reflection & Action Plan assignment and Professional Behaviours Form to be uploaded via the unit Moodle site.

Learning Outcomes Assessed

- Demonstrate patient care and professional behaviours in the simulated clinical environment

Graduate Attributes

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

4 Online Test 1

Assessment Type
Online Test

Task Description
You will write an online test to demonstrate your ability to apply the concepts and use the terminology from Weeks 1-4 of the unit. All questions will be based on the posted weekly learning goals for those weeks. Question tasks will be of the same types that you will practice in tutorials. These question tasks may include analysis of diagrams, explanations of concepts, application of concepts to specific scenarios, definitions and discussions. The weekly tutorials will provide you practice in analysing questions, formulating responses and assessing the quality of your responses.

This online test includes the use of images in the form of photographs, radiographic images, and line drawings. The images may be in the form of photographs, radiographic images, line drawings and referrals. These images are used as a basis for a series of questions related to each image. Subjects covered include amongst others, patient positioning, image quality and improvement, anatomy, radiographic pathology, and patient care. You are required to review the included images and to answer all questions related to each image.
The radiographic images offered may be of the following examination categories:

- Cervical spine
- Thoracic spine
- Lumbar spine
- Sacral and Coccygeal spine
- Skull and Facial Bones

This test is of 90 minutes duration. This time includes 5 minutes for logging into Moodle and accessing the test, 10 minutes of perusal and planning time and 75 minutes of writing time. The time allowed will provide adequate time to type your answers, plus any potential lag of internet services.

To complete the test, ensure that you have arranged to use a computer in good working order with adequate power/charged battery. You are encouraged to save your work at regular intervals during the testing period to avoid losing any typed answers. The on-line test will be in the format of a Word document, which includes the test questions, associated images and space to type in your answers.

This is an open book test. It means that during the test you may access your study notes, textbook, the unit Moodle site and/or any website. You may use that content in formulating your responses. Because this is an open-book test we are not assessing your recall of facts. The weekly learning goals tell you the specific ways that you are expected to integrate and apply concepts from the weekly content. We have practiced many of these learning goal tasks in the weekly tutorials.

Your test responses must be your own work. The rules of academic integrity still apply. You cannot seek assistance or make use of assistance from another person during this test. You may not communicate with any other person during the test (whether verbally, electronically or in writing) for any purpose relating to the test questions or your responses. You may not share the test content with any other person for any reason. At the start of the test you will need to make a declaration that you understand these rules of academic integrity and that you agree to abide by them. Any identified

cases of potential collusion will result in a breach of academic integrity case being raised.

This test must be written at the timetabled date and time. There is no provision for a late submission and no late penalty can be applied. 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 not completed it by the scheduled date and time. If you have an approved extension, you will be assigned a new test date and time as soon as possible after the original test date. It is your responsibility to ensure that you can attend at that new assigned date/time. Please see Section 5 of the University's Assessment Policy and Procedure for details regarding Assessment Management, specifically around assessment extension.

Assessment Due Date

Week 5: Date and Time TBA

Return Date to Students

Within two weeks of assessment

Weighting
30%

Minimum mark or grade
50

Assessment Criteria
Question responses will be scored on the following criteria

- Correct use of scientific terminology
- Correct selection and application of core concepts to the specific content of the question
- Clarity, correctness, relevance and completeness of the response in addressing the question that was asked.

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

Referencing Style

- Harvard (author-date)

Submission
Online

Submission Instructions
Completed test to be uploaded via the unit Moodle site.

Learning Outcomes Assessed

- Perform safely and effectively at an advanced beginner level simulated radiographic examinations of all body regions, focusing on commonly requested examination on ambulant adults
- Assess radiographs for technical sufficiency
- Discuss methods to modify a radiographic examination to improve technical sufficiency and/or better demonstrate required anatomy
- Identify radiographic appearances of normal anatomical structures, common normal variants and common pathologies on radiographic images all body regions
- Use technical terminology correctly in discussing the set-up of the beam, patent and image receptor for radiographic examinations and in discussing radiographic images and their appearances
- Discuss the indications for, anatomical features demonstrated by, technical set-ups, patient care requirements and specific imaging goals of routine radiographic projections of all body regions of ambulant adult patients

Graduate Attributes

- Communication
- Problem Solving

5 Online Test 2

Assessment Type
Online Test

Task Description
You will write an online test to demonstrate your ability to apply the concepts and use the terminology from Weeks 5-7 of the unit. All questions will be based on the posted weekly learning goals for those weeks. Question

tasks will be of the same types that you will practice in tutorials. These question tasks may include analysis of diagrams, explanations of concepts, application of concepts to specific scenarios, definitions and discussions. The weekly tutorials will provide you practice in analysing questions, formulating responses and assessing the quality of your responses. You may be required to answer questions relating to the theory of:

- Mammography & Breast U/S imaging
- Dental Imaging
- Bone Densitometry
- Mobiles
- Theatre Imaging

This test is of 90 minutes duration. This time includes 5 minutes for logging into Moodle and accessing the test, 10 minutes of perusal and planning time and 75 minutes of writing time. The time allowed will provide adequate time to type your answers, plus any potential lag of internet services.

To complete the test, ensure that you have arranged to use a computer in good working order with adequate power/charged battery. You are encouraged to save your work at regular intervals during the testing period to avoid losing any typed answers. The on-line test will be in the format of a Word document, which includes the test questions, associated images and space to type in your answers.

This is an open book test. It means that during the test you may access your study notes, textbook, the unit Moodle site and/or any website. You may use that content in formulating your responses. Because this is an open-book test we are not assessing your recall of facts. The weekly learning goals tell you the specific ways that you are expected to integrate and apply concepts from the weekly content. We have practiced many of these learning goal tasks in the weekly tutorials.

Your test responses must be your own work. The rules of academic integrity still apply. You cannot seek assistance or make use of assistance from another person during this test. You may not communicate with any other person during the test (whether verbally, electronically or in writing) for any purpose relating to the test questions or your responses. You may not share the test content with any other person for any reason. At the start of the test you will need to make a declaration that you understand these rules of academic integrity and that you agree to abide by them. Any identified cases of potential collusion will result in a breach of academic integrity case being raised.

This test must be written at the timetabled date and time. There is no provision for a late submission and no late penalty can be applied. 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 not completed it by the scheduled date and time. If you have an approved extension, you will be assigned a new test date and time as soon as possible after the original test date. It is your responsibility to ensure that you can attend at that new assigned date/time. Please see Section 5 of the University's Assessment Policy and Procedure for details regarding Assessment Management, specifically around assessment extension.

Assessment Due Date

Week 9: Date and Time TBA

Return Date to Students

Within two weeks of assessment

Weighting
30%

Minimum mark or grade
50

Assessment Criteria
Question responses will be scored on the following criteria

- Correct use of professional terminology
- Correct selection and application of core concepts to the specific content of the question
- Clarity, correctness, relevance and completeness of the response in addressing the question that was asked.

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

Referencing Style

- Harvard (author-date)

Submission
Online

Submission Instructions
Completed test to be uploaded via the unit Moodle site.

Learning Outcomes Assessed

- Discuss the techniques, patient care requirements and safety considerations of mammography, bone mineral densitometry, dental imaging and, at an introductory level, mobile and theatre imaging.

Graduate Attributes

- Communication
- Cross Cultural Competence
- Ethical practice

6 Online Test 3

Assessment Type
Online Test

Task Description
You will write an online test to demonstrate your ability to apply the concepts and use the terminology from Imaging Procedures 1 and 2. Question tasks will be of the same types that you will practice in tutorials. These question tasks may include analysis of diagrams, explanations of concepts, application of concepts to specific scenarios, definitions and discussions. The weekly tutorials will provide you practice in analysing questions, formulating responses and assessing the quality of your responses.

This online test includes the use of images in the form of photographs, radiographic images, and line drawings. The images may be in the form of photographs, radiographic images, line drawings and referrals. These images are used as a basis for a series of questions related to each image. Subjects covered include amongst others, patient positioning, image quality and improvement, anatomy, radiographic pathology, and patient care. You are required to review the included images and to answer all questions related to each image.
The radiographic images offered may be from any examination category covered in **Imaging Procedures 1 or 2.**

This test is of 120 minutes duration. This time includes 5 minutes for logging into Moodle and accessing the test, 10 minutes of perusal and planning time and 105 minutes of writing time. The time allowed will provide adequate time to type your answers, plus any potential lag of internet services.

To complete the test, ensure that you have arranged to use a computer in good working order with adequate power/charged battery. You are encouraged to save your work at regular intervals during the testing period to avoid losing any typed answers. The on-line test will be in the format of a Word document, which includes the test questions, associated images and space to type in your answers.

This is an open book test. It means that during the test you may access your study notes, textbook, the unit Moodle site and/or any website. You may use that content in formulating your responses. Because this is an open-book test we are not assessing your recall of facts. The weekly learning goals tell you the specific ways that you are expected to integrate and apply concepts from the weekly content. We have practiced many of these learning goal tasks in the weekly tutorials.

Your test responses must be your own work. The rules of academic integrity still apply. You cannot seek assistance or make use of assistance from another person during this test. You may not communicate with any other person during the test (whether verbally, electronically or in writing) for any purpose relating to the test questions or your responses. You may not share the test content with any other person for any reason. At the start of the test you will need to make a declaration that you understand these rules of academic integrity and that you agree to abide by them. Any identified cases of potential collusion will result in a breach of academic integrity case being raised.

This test must be written at the timetabled date and time. There is no provision for a late submission and no late penalty can be applied. 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 not completed it by the scheduled date and time. If you have an approved extension, you will be assigned a new test date and time as soon as possible after the original test date. It is your responsibility to ensure that you can attend at that new assigned date/time. Please see Section 5 of

the University's Assessment Policy and Procedure for details regarding Assessment Management, specifically around assessment extension.

Assessment Due Date

Week 14: Date and Time TBA

Return Date to Students

Within two weeks of assessment

Weighting
40%

Minimum mark or grade
50

Assessment Criteria
Question responses will be scored on the following criteria

- Correct use of scientific terminology
- Correct selection and application of core concepts to the specific content of the question
- Clarity, correctness, relevance and completeness of the response in addressing the question that was asked.

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

Referencing Style

- Harvard (author-date)

Submission
Online

Submission Instructions
Completed test to be uploaded via the unit Moodle site.

Learning Outcomes Assessed

- Assess radiographs for technical sufficiency
- Discuss methods to modify a radiographic examination to improve technical sufficiency and/or better demonstrate required anatomy
- Identify radiographic appearances of normal anatomical structures, common normal variants and common pathologies on radiographic images all body regions
- Use technical terminology correctly in discussing the set-up of the beam, patent and image receptor for radiographic examinations and in discussing radiographic images and their appearances
- Discuss the indications for, anatomical features demonstrated by, technical set-ups, patient care requirements and specific imaging goals of routine radiographic projections of all body regions of ambulant adult patients

Graduate Attributes

- Communication
- Problem Solving
- 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