



MEDI14001 *Medical Imaging Independent* *Clinical Project* Term 1 - 2018

Profile information current as at 16/04/2024 07:25 pm

All details in this unit profile for MEDI14001 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 builds upon your prior knowledge in research to allow you to apply previously learned key aspects of research in relation to your field of study. Using previously learned content and developing these within this unit, you will evaluate an element of clinical practice and consider how the results compare to Evidence Based Practice and published standards.

Details

Career Level: *Undergraduate*

Unit Level: *Level 4*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

Pre-Requisites: MEDI13005 Medical Imaging Clinical Course 3 and ESSC11004 Study and Research Skills for Health Science and ALLH12006 Evidence Based Practice for Allied Health OR NURS13117 Research in Healthcare

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 - 2018

- Distance

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. **Written Assessment**

Weighting: 50%

2. **Written Assessment**

Weighting: 50%

Assessment Grading

This is a graded unit: your overall grade will be calculated from the marks or grades for each assessment task, based on the relative weightings shown in the table above. You must obtain an overall mark for the unit of at least 50%, or an overall grade of 'pass' in order to pass the unit. If any 'pass/fail' tasks are shown in the table above they must also be completed successfully ('pass' grade). You must also meet any minimum mark requirements specified for a particular assessment task, as detailed in the 'assessment task' section (note that in some instances, the minimum mark for a task may be greater than 50%). Consult the [University's Grades and Results Policy](#) for more details of interim results and final grades.

CQUniversity Policies

All University policies are available on the [CQUniversity Policy site](#).

You may wish to view these policies:

- Grades and Results Policy
- Assessment Policy and Procedure (Higher Education Coursework)
- Review of Grade Procedure
- Student Academic Integrity Policy and Procedure
- Monitoring Academic Progress (MAP) Policy and Procedure – Domestic Students
- Monitoring Academic Progress (MAP) Policy and Procedure – International Students
- Student Refund and Credit Balance Policy and Procedure
- Student Feedback – Compliments and Complaints Policy and Procedure
- Information and Communications Technology Acceptable Use Policy and Procedure

This list is not an exhaustive list of all University policies. The full list of University policies are available on the [CQUniversity Policy site](#).

Previous Student Feedback

Feedback, Recommendations and Responses

Every unit is reviewed for enhancement each year. At the most recent review, the following staff and student feedback items were identified and recommendations were made.

Feedback from Student evaluation, student emails and telephone conversations with clinical supervisors

Feedback

Assessment tasks were perceived to be relevant to the industry and were appreciated by students and clinical supervisors.

Recommendation

Ensure the assessment tasks remain relevant in terms of the clinical environment and in relation to best practice and standards

Feedback from Student evaluation and coordinator reflection

Feedback

More information and clarity is needed regarding the requirements of the assessment tasks.

Recommendation

Review the descriptions of the assessment tasks and adjust to improve the clarity for student understanding

Feedback from Student evaluation

Feedback

Timely feedback and quick responses to queries helped students and supported their learning.

Recommendation

Maintain regular contact and ensure timely feedback on assessments and queries.

Unit Learning Outcomes

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

1. Create a valid tool to measure clinical performance accurately
2. Evaluate clinical practice using principles of quality assurance, risk management and evidence based practice.

Medical Radiation Practice Board of Australia Accreditation Standards:

6.3 - Evidence Based Practice and Professional Learning

Medical Radiation Practice Board of Australia Professional Capabilities for Medical Radiation Practice:

Domain 3

Alignment of Learning Outcomes, Assessment and Graduate Attributes



Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes	
	1	2
1 - Written Assessment - 50%	•	•
2 - Written Assessment - 50%		•

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes	
	1	2
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 - Written Assessment - 50%	•	•		•		•				
2 - Written Assessment - 50%	•	•	•	•		•				

Textbooks and Resources

Textbooks

There are no required textbooks.

Additional Textbook Information

This unit will use resources in the form of articles and related information. Students must access the unit Moodle site regularly to ensure that all relevant reading is completed.

IT Resources

You will need access to the following IT resources:

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

Referencing Style

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

Teaching Contacts

Karen Finlay Unit Coordinator
k.finlay@cqu.edu.au

Schedule

Week 1 - 05 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
Review of research basics Evidence Based Practice	See required and suggested reading list on course Moodle site	

Week 2 - 12 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
Audit and audit tools Standards	See required and suggested reading list on course Moodle site	Start thinking about what area of your own practice you wish to assess.

Week 3 - 19 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
Issues in audit	See required and suggested reading list on course Moodle site	Do any of these issues apply to your choice of clinical audit? Start searching the literature and determine how to proceed with your audit.

Week 4 - 26 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
Quality management and incident reporting	See required and suggested reading list on course Moodle site	Develop your test tool using evidence from the literature. Consider how much data is required to give valid results

Week 5 - 02 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
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Consider running a short "test" of your audit tool to test its effectiveness and find any problems.

Vacation Week - 09 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
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Week 6 - 16 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
		Development of a Valid Test Tool Due: Week 6 Friday (20 Apr 2018) 6:30 pm AEST

Week 7 - 23 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
		Start your clinical audit. Remember to gather reliable data and enough of it for your audit.

Week 8 - 30 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
		Keep gathering your data. Are any patterns emerging yet?

Week 9 - 07 May 2018

Module/Topic	Chapter	Events and Submissions/Topic
		Have you changed your practice just because you know that you are auditing yourself? How will that affect your data?

Week 10 - 14 May 2018

Module/Topic	Chapter	Events and Submissions/Topic
		Data, data, data...

Week 11 - 21 May 2018

Module/Topic	Chapter	Events and Submissions/Topic
		You should be starting to analyse your data, seeing patterns and beginning to see answers. Be reflective and think critically about the results

Week 12 - 28 May 2018

Module/Topic	Chapter	Events and Submissions/Topic
		How does your performance compare with published data? Were there any issues with data collection, analysis or any biases evident?

Review/Exam Week - 04 Jun 2018

Module/Topic	Chapter	Events and Submissions/Topic
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Exam Week - 11 Jun 2018

Module/Topic	Chapter	Events and Submissions/Topic
		Assessment of Clinical Performance Due: Exam Week Friday (15 June 2018) 6:30 pm AEST

Term Specific Information

The coordinator for this unit is: Karen Finlay

I can be contacted on 07 4940 7818 or k.finlay@cqu.edu.au

During the term I may be teaching other units or be off campus. For this reason it is advisable to contact me by email initially.

It is vital to maintain engagement with the unit content and to budget your time effectively. All content delivery in this unit has been scheduled for the first few weeks of the term, to allow you time to develop your audit tool, collect data and complete the audit report. Budget approximately 15 hours to the lectures and required reading, approximately 45 hours for each of the assessment items and approximately 30 hours for data collection for your audit. On average, you should expect to spend approximately 12 and a half hours per week to complete this unit of study.

Assessment Tasks

1 Development of a Valid Test Tool

Assessment Type

Written Assessment

Task Description

Task:

Develop a test tool with which to assess one element of clinical practice.

Choose one of the options listed below to assess in your clinical practice. Develop a test tool in order to assess this. This must be completed individually, using evidence based practice. Interrogate current literature to determine best practice in your chosen area, the breakdown of assessment criteria and the required population size in order to make this a valid test tool.

Submit your test tool as a portfolio which answers the following questions regarding your choice of audit:

1. Determine your audit subject and its importance in clinical practice.
2. Describe any relevant legislative or professional requirements or guidelines for your chosen audit.
3. Determine any published best-practice for your chosen audit.
4. Describe and justify to what standard you will compare your work to determine acceptability.
5. Determine the optimum population size for your audit and justify your choice using relevant literature.
6. Determine the assessment criteria for your audit.
7. Describe any biases which may affect your audit and what you will do to reduce the effect of any real or perceived biases.

You should aim for approximately 2000 words for this assessment piece.

Options:

Choose **one** of the following to assess:

- Reject/repeat analysis in general radiographic examinations
- Correct placement of anatomical (right/left) markers
- Correct interpretation of radiographic examinations of the appendicular skeleton for trauma-related abnormalities (red dot system).

Assessment Due Date

Week 6 Friday (20 Apr 2018) 6:30 pm AEST

Return Date to Students

within two weeks of the due date or submission date if extension approved

Weighting

50%

Assessment Criteria

This task will be graded on the following criteria:

- Selection and use of peer reviewed publications to support the discussion
- Development of a valid test tool for performance of clinical practice
- Clear and concise justification for the design of the test tool and population size or time span of the audit

- Referencing, structure and format of the essay.
- Complete and correct responses to the portfolio requirements.

Please see the marking rubric provided in Moodle for further information.

Referencing Style

- [Harvard \(author-date\)](#)

Submission

Online

Submission Instructions

The assessment is to be submitted in word format (File type .docx or .doc) . Ensure file is not too large as it will affect Turnitin checks.

Learning Outcomes Assessed

- Create a valid tool to measure clinical performance accurately
- Evaluate clinical practice using principles of quality assurance, risk management and evidence based practice.

Graduate Attributes

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

2 Assessment of Clinical Performance

Assessment Type

Written Assessment

Task Description

Task:

Assessment of Clinical Performance

Using the previously developed test tool (amended if requested by the unit coordinator), assess your performance in the chosen practice area for a period of time. You must decide upon and justify that test period using the evidence collated during your development of the test tool.

When you have completed the data collection, you must create a report on your findings, detailing the results and any observations you have made regarding data collection, anomalies within the data or other relevant details. Within this report you must reflect upon your performance and compare it with published best practice, standards or other published data such as local guidelines or requirements. Your conclusion must detail any evidence as to any performance issues found within the data and recommendations for future practice.

You should aim for approximately 2000 words for this assessment task. It is acceptable to tabulate your results if the table demonstrates the results clearly and accurately.

Assessment Due Date

Exam Week Friday (15 June 2018) 6:30 pm AEST

Return Date to Students

within two weeks of the due date or submission date if extension approved

Weighting

50%

Assessment Criteria

This task will be assessed upon the following criteria:

- Valid results
- Comparison of own results with any published data
- Discussion regarding the validity of the results
- Valid conclusion
- Referencing, structure and format of the essay.

Please see the marking rubric provided in Moodle for further information.

Referencing Style

- [Harvard \(author-date\)](#)

Submission

Online

Submission Instructions

The assessment is to be submitted in word format (File type .docx or .doc) . Ensure file is not too large as it will effect Turnitin checks.

Learning Outcomes Assessed

- Evaluate clinical practice using principles of quality assurance, risk management and evidence based practice.

Graduate Attributes

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

Academic Integrity Statement

As a CQUniversity student you are expected to act honestly in all aspects of your academic work.

Any assessable work undertaken or submitted for review or assessment must be your own work. Assessable work is any type of work you do to meet the assessment requirements in the unit, including draft work submitted for review and feedback and final work to be assessed.

When you use the ideas, words or data of others in your assessment, you must thoroughly and clearly acknowledge the source of this information by using the correct referencing style for your unit. Using others' work without proper acknowledgement may be considered a form of intellectual dishonesty.

Participating honestly, respectfully, responsibly, and fairly in your university study ensures the CQUniversity qualification you earn will be valued as a true indication of your individual academic achievement and will continue to receive the respect and recognition it deserves.

As a student, you are responsible for reading and following CQUniversity's policies, including the [Student Academic Integrity Policy and Procedure](#). This policy sets out CQUniversity's expectations of you to act with integrity, examples of academic integrity breaches to avoid, the processes used to address alleged breaches of academic integrity, and potential penalties.

What is a breach of academic integrity?

A breach of academic integrity includes but is not limited to plagiarism, self-plagiarism, collusion, cheating, contract cheating, and academic misconduct. The Student Academic Integrity Policy and Procedure defines what these terms mean and gives examples.

Why is academic integrity important?

A breach of academic integrity may result in one or more penalties, including suspension or even expulsion from the University. It can also have negative implications for student visas and future enrolment at CQUniversity or elsewhere. Students who engage in contract cheating also risk being blackmailed by contract cheating services.

Where can I get assistance?

For academic advice and guidance, the [Academic Learning Centre \(ALC\)](#) can support you in becoming confident in completing assessments with integrity and of high standard.

What can you do to act with integrity?



Be Honest

If your assessment task is done by someone else, it would be dishonest of you to claim it as your own



Seek Help

If you are not sure about how to cite or reference in essays, reports etc, then seek help from your lecturer, the library or the Academic Learning Centre (ALC)



Produce Original Work

Originality comes from your ability to read widely, think critically, and apply your gained knowledge to address a question or problem