

Profile information current as at 04/05/2024 06:12 am

All details in this unit profile for PSIO12002 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

In this unit students will develop knowledge and skills relating to the comprehensive management of clients with acute and chronic cardiorespiratory conditions across the spectrum of health care. Students will use the International Classification of Functioning, Disability and Health (ICF) framework, apply principles of Evidence Based Practice and combine various clinical reasoning strategies. Students will relate the role of the physiotherapist working in a hospital and community care facilities to that of the interprofessional team, family members and carers of clients with cardiorespiratory conditions.

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

Prerequisites:- PSIO11003 - Foundations of Physiotherapy Practice 2 ALLH11004 - Anatomy and Physiology for

Health Professionals 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 <u>Assessment Policy and Procedure (Higher Education Coursework)</u>.

Offerings For Term 2 - 2017

- Bundaberg
- Rockhampton

Attendance Requirements

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

Website

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

Class and Assessment Overview

Recommended Student Time Commitment

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

Class Timetable

Regional Campuses

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

Metropolitan Campuses

Adelaide, Brisbane, Melbourne, Perth, Sydney

Assessment Overview

1. Online Quiz(zes)

Weighting: 30% 2. **Group Work**

Weighting: 20%

3. **On-campus Activity**Weighting: Pass/Fail

4. Practical 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 <u>University's Grades and Results Policy</u> 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 <u>CQUniversity Policy site</u>.

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 Have your say, Student feedback throughout term

Feedback

More frequent visits from Unit Coordinator to the other campus throughout term. Not having Cardiorespiratory specific staff on both campuses students felt that they were being disadvantaged.

Recommendation

Unit Coordinator will attempt to make a minimum of 2 visits throughout term to the other campus to assist with teaching and engage with the students.

Feedback from Have your say, Student feedback throughout term

Feedback

Resources and readings - some were too long and students struggled to complete these weekly. Students found the e-modules very helpful and these should continue.

Recommendation

A review of all readings and resources will be completed prior to the unit commencing in 2017.

Feedback from Have your say, Student feedback throughout term

Feedback

Tutorials - students enjoyed the case studies, however felt that they needed more time to practice practical skills and felt that they didn't really get much guidance throughout the case studies from staff if they were on the right track or not. Potentially include some video's of the assessment and treatment techniques for revision purposes.

Recommendation

A review of the tutorial structure and case study length will be completed prior to the unit commencing in 2017.

Feedback from Have your say, Student feedback throughout term

Feedback

Assessment items - majority of students felt that they were fair and a good learning experience. Some students reported that they really enjoyed and learnt a lot from the group assignment topics. Some felt that the Practical Exam could be spilt into 2 and one completed earlier in term to consolidate learning taught in the first half of the term. The timing of assessments with majority of them being held in week 12 or exam block student reported that this didn't give them much time to revise with staff assistance.

Recommendation

A review of the timing and structure of assessment items will be completed prior to the unit commencing in 2017.

Unit Learning Outcomes

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

- 1. Discuss the pathological processes, the symptomatology, clinical course, medical and pharmacological management and prognosis in clients with cardiorespiratory conditions.
- 2. Assess clients with cardiorespiratory conditions through acute to chronic conditions, and interpret and analyse findings.
- 3. Identify how environmental and personal factors affect activity and participation levels of clients with cardiorespiratory conditions.
- 4. Develop, implement and evaluate interventions for clients with cardiorespiratory conditions from acute to chronic stages.
- 5. Discuss intervention strategies using appropriate evidence from the literature.
- 6. Relate the role of the physiotherapist to that of the interprofessional team, family members and carers of clients with cardiorespiratory conditions.

The Learning Outcomes and Assessment tasks have been mapped against and aligned with the Physiotherapy Practice thresholds in Australia and Aotearoa New Zealand.

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 5 6 1 - Online Quiz(zes) - 30% 2 - Group Work - 20% 3 - On-campus Activity - 0% 4 - Practical Assessment - 50% Alignment of Graduate Attributes to Learning Outcomes **Graduate Attributes Learning Outcomes** 2 3 5 1 6 1 - Communication 2 - Problem Solving 3 - Critical Thinking

Graduate Attributes		Learning Outcomes									
				1	2		3	4	5	6	
4 - Information Literacy					•		•	•	•	•	
5 - Team Work							•	•	•	•	
6 - Information Technology Competence					•		•	•	•		
7 - Cross Cultural Competence							•	•	•	•	
8 - Ethical practice								•	•	•	
9 - Social Innovation							Ī				
10 - Aboriginal and Torres Strait Islander Cultures											
Alignment of Assessment Tasks to Grad	uate	Attr	ibu	tes							
Assessment Tasks	Graduate Attributes										
	1	2	3	4	5	6	7	8	9	10	
1 - Online Quiz(zes) - 30%	•	•	•	•		•	•	•			
2 - Group Work - 20%	•	•	•	•	•	•	•	•			
3 - On-campus Activity - 0%	•										
4 - Practical Assessment - 50%											

Textbooks and Resources

Textbooks

PSIO12002

Prescribed

Cardiorespiratory Physiotherapy Adults and Paediatrics

Edition: 5th (2016)

Authors: Eleanor Main and Linda Denehy

Elsevier Australia

ISBN: 9780702047312 Binding: Paperback

PSIO12002

Prescribed

Pharmacology Handbook for Physiotherapists

Edition: 1st (2017)

Authors: Jacqueline Reznik, Ofer Keren, Joanne Morris and Iftah Biran

Elsevier Australia

ISBN: 9780729542142 Binding: Paperback

View textbooks at the CQUniversity Bookshop

IT Resources

You will need access to the following IT resources:

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

Referencing Style

All submissions for this unit must use the referencing style: <u>American Psychological Association 6th Edition (APA 6th edition)</u>

For further information, see the Assessment Tasks.

Teaching Contacts

Tanya Palmer Unit Coordinator

t.palmer@cqu.edu.au

Schedule

Week 1 - 10 Jul 2017

Module/Topic Chapter Events and Submissions/Topic

Introduction to Customorphistery Physiotherapy, Subjective Assessment of the Cardiorespiratory patient
Main and Denehy Text - Chapter 2 - pages 48-73 & Chapter 6 - pages 196-226. Pharmocology Text - Chapter 1. Refer to Moodle for additional resources. Revision Physiology Marini and Obaster 1 - pages 2-23.

Week 2 - 17 Jul 2017

Module/Topic Chapter Events and Submissions/Topic

A: Main and Denehy Text - Chapter 1 - pages 23-26 & Chapter 7 - pages 308-334, 342-377 E-learning modules - Skills Development Centre A: Spirometry & Breathing Exercises Main and Denehy Text - Chapter 1 - pages 26-33 & Chapter 3 B: Chest x-rays, Arterial Blood Gases & Oxygen therapy Refer to Moodle for additional resources. - An Introduction to Chest Radiographs - Oxygen Therapy Week 3 - 24 Jul 2017 **Events and Submissions/Topic** Module/Topic Chapter A & B: Airway Clearance Techniques Main and Denehy Text - Chapter 7 - pages 250-292, 334 - 342 Refer to Moodle for additional resources. Week 4 - 31 Jul 2017 Module/Topic Chapter **Events and Submissions/Topic** Main and Denehy Text - Chapter 1 - pages 40-46 & Chapter 4 Pharmocology Text - Chapter 2 Main and Denehv Text - Chapter 5 & Chapter 8 Pharmocology Text - Chapter 3
Refer to Moodle for additional resources. A: ECG interpretation & Physiotherapy Management of Acute Cardiac patients B: Physiotherapy Management of a Medical Patient Week 5 - 07 Aug 2017 Module/Topic Chapter **Events and Submissions/Topic** Main and Denehy Text - Chapter 11 Pharmocology Text - Chapter 7 Main and Denehy Text - Chapter 1 - pages 34-38 & Chapter 2 - pages 74-77 Hough 4th Ed Text - Chapters 10 & 11 A: Physiotherapy Management of a Surgical Patient

B: Physiotherapy Management of a Paediatric Patient

Refer to Moodle for additional resources. Additional : Main and Denehy Text - Chapter 10 & Chapter 13 - pages 709-721 Vacation Week - 14 Aug 2017 **Events and Submissions/Topic** Chapter Module/Topic Week 6 - 21 Aug 2017 Module/Topic Chapter **Events and Submissions/Topic** A: Main and Denehy Text - Chapter 7 - pages 292-308 Ouiz 1 - Weeks 1 - 5 content B:
A: **Quiz 1** & Humidified Oxygen & Non-invasive Ventilation
B: Physiotherapy in ICU

B: Main and Denehy Text - Chapter 9 & Chapter 13 - pages 733-740
Refer to Moodle for additional resources E-learning modules - Skills Development Centre PaCCMan - Airway suctioning via Oropharynx and Nasopharynx Week 7 - 28 Aug 2017 Chapter **Events and Submissions/Topic** Module/Topic A: Physiotherapy in ICU Main and Denehy Text - Chapter 13 - pages 700-709 B: Management of Cardiorespiratory Trauma Patients Refer to Moodle for additional resources. Week 8 - 04 Sep 2017 Module/Topic Chapter **Events and Submissions/Topic** A: Complex Acute Cardiorespiratory Patient Management Main and Denehy Text - Chapter 1 - pages 77-80 Refer to Moodle for additional resources. **Group Presentations** Week 9 - 11 Sep 2017 Module/Topic Chapter **Events and Submissions/Topic** A: Role of Outpatient Cardiorespiratory Physiotherapy & Management of a Sub-Acute Cardiorespiratory Patient Main and Denehy Text - Chapter 12 - pages 579-597 B: Management of Chronic Respiratory patients Refer to Moodle for additional resources. Week 10 - 18 Sep 2017 Module/Topic Chapter **Events and Submissions/Topic** Main and Denehy Text - Chapter 12 - pages 597-627 A: Management of Cardiac and Heart Failure patients Main and Denehy Text - Chapter 13 - pages 682-699 Refer to Moodle for additional resources. B: Pre and Post Transplantation Hurdle - E-learning Module certificates due Week 11 - 25 Sep 2017 Module/Topic Chapter **Events and Submissions/Topic** Main and Denehy Text - Chapter 13 - pages 658-682 A: Management of Spinal Cord and Neuro-degenerative Disease patients Hough 4th Ed Text - Chapter 15 B: Palliative Care of Cardiorespiratory patients Refer to Moodle for additional resources Week 12 - 02 Oct 2017

Module/Topic	Chapter	Events and Submissions/Topic						
A: Quiz 2 and Revision B: Revision		Quiz 2						
Review/Exam Week - 09 Oct 2017								
Module/Topic	Chapter	Events and Submissions/Topic						
		Practical Assessment - OSCE						
Exam Week - 16 Oct 2017								
Module/Topic	Chapter	Events and Submissions/Topic						

Assessment Tasks

1 Online Quizzes

Assessment Type

Online Quiz(zes)

Task Description

There will be two Quizzes during the unit that will include a combination of multiple choice and short answer questions.

- Quiz 1 will take place in Week 5. It will account for 15% of the unit grade and will assess content covered during Weeks 1-4.
- Quiz 2 will take place in Week 12. It will account for 15% of the unit grade and will assess content covered during Weeks 1-12.

Both quizzes will consist of up to 30 questions, and will have a time limit of 60 minutes. Questions will be randomly generated from a question bank, so that the quizzes will appear differently for each student. Access to books, notes,

websites (other than the quiz) and use of other electronic devices are prohibited during the quiz.

The guizzes will consist of some or all of these categories:

- Multiple choice questions.
- Fill in the missing word(s) questions.
- Short answer questions.

Policies and Procedures: The CQUniversity Assessment of Coursework Procedures policy (for centrally timetabled examinations) applies to all assessment items in this unit.

Number of Quizzes

2

Frequency of Quizzes

Assessment Due Date

Quiz 1 in Week 5 & Quiz 2 in Week 12

Return Date to Students

1 week after the Quiz

Weighting

30%

Minimum mark or grade

A minimum mark of 50% in the Practical Assessment is required in order to pass this unit. Students need to achieve a minimum average of 50% in the quizzes to pass. All assessment items must be completed into order to be eligible to pass this unit.

Assessment Criteria

Multiple choice and short answer examinations with a raw score and percentage grading.

The grading of this assessment task is based on the Physiotherapy Practice Thresholds in Australia and Aotearoa New Zealand, the Accreditation Standard set by the Australian Physiotherapy Council, and The Assessment of Physiotherapy Practise Instrument. These quality frameworks are mapped against the CQUniversity Graduate Attributes, and intended to give a holistic understanding of standards expected for the assessment task.

Referencing Style

• American Psychological Association 6th Edition (APA 6th edition)

Submission

Online

Submission Instructions

Quizzes will be taken online. Students must submit both of the quizzes of this assessment item to be eligble to pass the course.

Learning Outcomes Assessed

- Discuss the pathological processes, the symptomatology, clinical course, medical and pharmacological management and prognosis in clients with cardiorespiratory conditions.
- Identify how environmental and personal factors affect activity and participation levels of clients with cardiorespiratory conditions.
- Develop, implement and evaluate interventions for clients with cardiorespiratory conditions from acute to chronic stages.
- Discuss intervention strategies using appropriate evidence from the literature.

Graduate Attributes

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

2 Group Work

Assessment Type

Group Work

Task Description

Students will work in small groups and develop a presentation appraising a cardiorespiratory specific treatment technique relevant to a chosen cardiorespiratory condition.

The presentation should include the pathophysiology of the condition, explain the cardiorespiratory specific technique and an appraisal of the technique using the literature specific to the condition. Each presentation should be 15 minutes in length and will be followed by 5 minutes of question time.

Students will be allocated to groups by the end of week 3, and the presentations will be held during class time in week 12.

Policies and Procedures: The CQUniversity Assessment of Coursework Procedures policy applies to all assessment items in this unit.

Assessment Due Date

Presentation (week 12)

Return Date to Students

End of term

Weighting

20%

Minimum mark or grade

A minimum mark of 50% in the Practical Assessment is required in order to pass this unit. Students need to achieve a minimum average of 50% in the quizzes to pass. All assessment items must be completed into order to be eligible to pass this unit.

Assessment Criteria

The assessment rubric for this assessment task is based on the Physiotherapy Practice Thresholds in Australia and Aotearoa New Zealand, the Accreditation Standard set by the Australian Physiotherapy Council, and The Assessment of Physiotherapy Practice Instrument. These quality frameworks are mapped against the CQUniversity Graduate Attributes, and intended to give a holistic understanding of standards expected for the assessment task. The relevant assessment rubric can be accessed through the unit Moodle site.

Referencing Style

• American Psychological Association 6th Edition (APA 6th edition)

Submission

Offline Group

Submission Instructions

Presentation

Learning Outcomes Assessed

- Discuss the pathological processes, the symptomatology, clinical course, medical and pharmacological management and prognosis in clients with cardiorespiratory conditions.
- Assess clients with cardiorespiratory conditions through acute to chronic conditions, and interpret and analyse findings.
- Identify how environmental and personal factors affect activity and participation levels of clients with cardiorespiratory conditions.
- Develop, implement and evaluate interventions for clients with cardiorespiratory conditions from acute to chronic stages.
- Discuss intervention strategies using appropriate evidence from the literature.
- Relate the role of the physiotherapist to that of the interprofessional team, family members and carers of clients with cardiorespiratory conditions.

Graduate Attributes

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

3 Hurdles

Assessment Type

On-campus Activity

Task Description

85% attendance requirement for tutorial and practical sessions

At least 85% attendance of tutorial sessions is required for a PASS grade. If there is a genuine reason for being absent, students need to inform the Unit Coordinator as soon as possible.

A minimum attendance requirement of 85% is recommended from the Australian Physiotherapy Council for all tutorials and practical sessions. The monitoring of attendance will take into consideration legitimate reasons for absence, such as those outlined in the Assessment of Coursework Procedures (1.21.1 and 1.21.3), and these will not be counted as absence for the purpose of this attendance requirement.

Clinical observations

Students are required to conduct 10 hours of clinical observations relevant to cardio-respiratory physiotherapy.

E-learning modules

Students are required to complete an e-learning modules relevant to Cardiorespiratory Physiotherapy, certificates gained at the completion of the modules are required to be submitted to moodle by midnight Friday 30th September week 11.

Assessment Due Date

See Moodle

Return Date to Students

See Moodle

Weighting

Pass/Fail

Minimum mark or grade

Pass all Hurdles

Assessment Criteria

No Assessment Criteria

Referencing Style

• American Psychological Association 6th Edition (APA 6th edition)

Submission

Online

Learning Outcomes Assessed

- Discuss the pathological processes, the symptomatology, clinical course, medical and pharmacological management and prognosis in clients with cardiorespiratory conditions.
- Assess clients with cardiorespiratory conditions through acute to chronic conditions, and interpret and analyse findings.
- Identify how environmental and personal factors affect activity and participation levels of clients with cardiorespiratory conditions.
- Develop, implement and evaluate interventions for clients with cardiorespiratory conditions from acute to chronic stages.
- Discuss intervention strategies using appropriate evidence from the literature.
- Relate the role of the physiotherapist to that of the interprofessional team, family members and carers of clients with cardiorespiratory conditions.

Graduate Attributes

• Communication

4 Practical Assessment

Assessment Type

Practical Assessment

Task Description

The Practical Assessment will be in the form of an OSCE which will be based on case scenarios (simulated patients), and students will perform and discuss aspects of relevant assessment, treatment and overall management of the condition presented.

The Practical Assessment will last for approximately 30 minutes, and will be video and audio-recorded for moderation purposes. Students should be prepared to model for other examinees after completing their own assessment and students from other year groups may also act as models during the assessment as required.

Policies and Procedures: The CQUniversity Assessment of Coursework Procedures policy (for centrally timetabled examinations) applies to all assessment items in this unit.

Assessment Due Date

The Practical Assessment will take place during the exam Week. An individual assessment timetable will be published prior to the end of Term 2.

Return Date to Students

Results and feedback will become available within two weeks of the assessment.

Weighting

50%

Minimum mark or grade

A minimum mark of 50% in the Practical Assessment is required in order to pass this unit. Students need to achieve a minimum average of 50% in the quizzes to pass. All assessment items must be completed into order to be eligible to pass this unit.

Assessment Criteria

The assessment rubric for this assessment task is based on the Physiotherapy Practice Thresholds in Australia and Aotearoa New Zealand, the Accreditation Standard set by the Australian Physiotherapy Council, and The Assessment of Physiotherapy Practise Instrument. These quality frameworks are mapped against the CQUniversity Graduate Attributes, and intended to give a holistic understanding of standards expected for the assessment task.

Referencing Style

• American Psychological Association 6th Edition (APA 6th edition)

Submission

Offline

Learning Outcomes Assessed

- Discuss the pathological processes, the symptomatology, clinical course, medical and pharmacological management and prognosis in clients with cardiorespiratory conditions.
- Assess clients with cardiorespiratory conditions through acute to chronic conditions, and interpret and analyse findings.
- Identify how environmental and personal factors affect activity and participation levels of clients with cardiorespiratory conditions.
- Develop, implement and evaluate interventions for clients with cardiorespiratory conditions from acute to chronic stages.
- Discuss intervention strategies using appropriate evidence from the literature.
- Relate the role of the physiotherapist to that of the interprofessional team, family members and carers of clients with cardiorespiratory conditions.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- 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 <u>Academic Learning Centre (ALC)</u> 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