PSIO13007 *Musculoskeletal Physiotherapy 3*
Term 1 - 2023

Profile information current as at 12/10/2024 07:01 pm

All details in this unit profile for PSIO13007 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 you will advance your knowledge and skills in the assessment and management of complex musculoskeletal conditions, with a focus on developing and refining your clinical reasoning and manual therapy skills. The unit will foster an evidence-based and client-centred approach to physiotherapy management of acute sporting injuries, orthopaedic surgery, complex spinal and peripheral conditions, chronic disease and persisting pain, across the lifespan. Complex clinical presentations will be explored in the context of biological, social and psychological factors that influence client recovery and participation.

Details
Career Level: *Undergraduate*
Unit Level: *Level 3*
Credit Points: *6*
Student Contribution Band: *8*
Fraction of Full-Time Student Load: *0.125*

Pre-requisites or Co-requisites
To enrol in this unit you must be enrolled in the CB85 Course and meet the following pre-requisites: PSIO12001 Musculoskeletal Physiotherapy 1 PSIO12005 Musculoskeletal Physiotherapy 2 ALLH12008 Functional Anatomy and Biomechanics
Important note: Students enrolled in a subsequent unit who failed their pre-requisite unit, should drop the subsequent unit before the census date or within 10 working days of Fail grade notification. Students who do not drop the unit in this timeframe cannot later drop the unit without academic and financial liability. See details in the Assessment Policy and Procedure (Higher Education Coursework).

Offerings For Term 1 - 2023

- 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. **In-class Test(s)**
Weighting: 20%
2. **In-class Test(s)**
Weighting: 30%
3. **Objective Structured Clinical Examinations (OSCEs)**
Weighting: 50%
4. **On-campus Activity**
Weighting: Pass/Fail

Assessment Grading

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

CQUniversity Policies

All University policies are available on the CQUniversity Policy site.
You may wish to view these policies:

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

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

Previous Student Feedback

Feedback, Recommendations and Responses

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

Feedback from SUTE and personal communication

Feedback

Students enjoyed the strong emphasis on practical content and skill development, and the provision of video resources to support their learning

Recommendation

It is recommended that the current video library of techniques continue to be offered, and expanded where possible.

Feedback from SUTE

Feedback

Students requested answers be provided to the extra case studies

Recommendation

It is recommended that, where appropriate, example answers be provided for some of the case study questions in the practical workbook.

Unit Learning Outcomes

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

1. Demonstrate theoretical and applied knowledge of pathophysiology, symptomatology, clinical course and prognosis for complex musculoskeletal conditions
2. Develop, implement and evaluate evidence-based assessment and treatment for clients with complex musculoskeletal conditions
3. Explain how biological, social, and psychological factors inform a physiotherapy intervention plan for clients with complex musculoskeletal conditions
4. Describe the role of the physiotherapist within an interprofessional team in the management of clients with complex musculoskeletal conditions
5. Demonstrate acceptable professional and ethical behaviours consistent with a physiotherapy practitioner.

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
1 - In-class Test(s) - 20%	•				
2 - In-class Test(s) - 30%	•		•	•	
3 - Objective Structured Clinical Examinations (OSCEs) - 50%		•	•	•	•
4 - On-campus Activity - 0%					•

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes				
	1	2	3	4	5
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 - In-class Test(s) - 20%	•	•	•	•						
2 - In-class Test(s) - 30%	•	•	•	•			•			
3 - Objective Structured Clinical Examinations (OSCEs) - 50%	•	•	•	•			•	•		
4 - On-campus Activity - 0%								•		

Textbooks and Resources

Textbooks

PSIO13007

Prescribed

Principles of Musculoskeletal Treatment and Management: A textbook for therapists
Edition: 3rd (2018)
Authors: Nicola J Petty, Kieran Barnard
Elsevier
Sydney , NSW , Australia
ISBN: 978-0-7020-6719-8
Binding: Paperback
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Supplementary

Brukner & Khan's Clinical Sports Medicine - Volume 1 Injuries
Edition: 5th (2017)
Authors: rukner, Peter ; Clarsen, Ben ; Cook, Jill ; Cools, Ann ; Crossley, Kay ; Hutchinson, Mark ; McCrory, Paul ; Bahr, Roald ; Khan, Karim
McGraw-Hill Education
New York , NY , United States of America
ISBN: 9781760421663
Binding: Hardcover

Additional Textbook Information
The precribed text 'Principles of Musculoskeletal Treatment and Management: A textbook for therapists' is the companion book to the precribed textbook for PSIO12001 and PSIO12005 - 'Musculoskeletal Examination and Assessment: A textbook for therapists.

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: American Psychological Association 7th Edition (APA 7th edition)
For further information, see the Assessment Tasks.

Teaching Contacts

Steven Obst Unit Coordinator
s.obst@cqu.edu.au

Schedule

Week 1 - 06 Mar 2023

Module/Topic	Chapter	Events and Submissions/Topic

Introduction to Musculoskeletal Physiotherapy 3 Revision: The clinical assessment of spinal pain	Chapter 9 - Petty and Barnard (2018) Principles of musculoskeletal treatment and management (3rd Edition).	

Week 2 - 13 Mar 2023

Module/Topic	Chapter	Events and Submissions/Topic
Treatment: Manual therapy for spinal pain	Chapter 3 - Petty and Barnard (2018) Principles of musculoskeletal treatment and management (3rd Edition). Chapter 17 - Brukner and Khan (2017) Clinical sports medicine (5th Edition).	

Week 3 - 20 Mar 2023

Module/Topic	Chapter	Events and Submissions/Topic
Treatment: Neural mobilisations and soft tissue techniques	Chapter 5 and 7 - Petty and Barnard (2018) Principles of musculoskeletal treatment and management (3rd Edition).	

Week 4 - 27 Mar 2023

Module/Topic	Chapter	Events and Submissions/Topic
Treatment: High Velocity Thrust manipulations of the spine	Chapter 3 - Petty and Barnard (2018) Principles of musculoskeletal treatment and management (3rd Edition).	

Week 5 - 03 Apr 2023

Module/Topic	Chapter	Events and Submissions/Topic
Treatment: Therapeutic exercise prescription	Chapter 10 - Petty and Barnard (2018) Principles of musculoskeletal treatment and management (3rd Edition).	

Vacation Week - 10 Apr 2023

Module/Topic	Chapter	Events and Submissions/Topic
N/A	N/A	

Week 6 - 17 Apr 2023

Module/Topic	Chapter	Events and Submissions/Topic
Complex Musculoskeletal: Peripheral musculoskeletal conditions (Tendinopathy and shoulder pain)	Chapter 24 - Brukner and Khan (2017) Clinical sports medicine (5th Edition)	**MID-TERM TEST (On Campus)** Due: Week 6 Tuesday (18 Apr 2023) 8:00 am AEST

Week 7 - 24 Apr 2023

Module/Topic	Chapter	Events and Submissions/Topic
Complex Musculoskeletal: Chronic lower back pain and persisting pain	Chapter 8 - Petty and Barnard (2018) Principles of musculoskeletal treatment and management (3rd Edition). Chapter 5 - Brukner and Khan (2017) Clinical sports medicine (5th Edition).	

Week 8 - 01 May 2023

Module/Topic	Chapter	Events and Submissions/Topic
Complex Musculoskeletal: Sports physiotherapy	Chapter 20 - Brukner and Khan (2017) Clinical sports medicine (5th Edition).	

Week 9 - 08 May 2023

Module/Topic	Chapter	Events and Submissions/Topic

Complex Musculoskeletal: Elective knee and shoulder surgery	Chapter 35 - Brukner and Khan (2017) Clinical sports medicine (5th Edition).	

Week 10 - 15 May 2023

Module/Topic	Chapter	Events and Submissions/Topic
Complex Musculoskeletal: Occupational and paediatric physiotherapy	Chapter 44 - Brukner and Khan (2017) Clinical sports medicine (5th Edition).	

Week 11 - 22 May 2023

Module/Topic	Chapter	Events and Submissions/Topic
Guest lectures series - Working as a musculoskeletal physiotherapist (TBC) Revision	N/A	

Week 12 - 29 May 2023

Module/Topic	Chapter	Events and Submissions/Topic
Revision and assessment	N/A	**END-TERM TEST (On Campus)** Due: Week 12 Tuesday (30 May 2023) 8:30 am AEST

Review/Exam Week - 05 Jun 2023

Module/Topic	Chapter	Events and Submissions/Topic
N/A	N/A	

Exam Week - 12 Jun 2023

Module/Topic	Chapter	Events and Submissions/Topic
N/A	N/A	

Assessment Tasks

1 MID-TERM TEST (On Campus)

Assessment Type
In-class Test(s)

Task Description
The Mid-Term Test is a 1.5 hour (i.e. 90 min) closed book, paper-based, in-class written test that will be held on-campus (Bundaberg and Rockhampton campuses only). Access to books, notes and electronic devices are prohibited during the test. The Mid-Term Test will examine all content covered from weeks 1 to 5, inclusive, including all lectures, practicals and required readings. The test will include some, or all, of the following question types: multiple choice, True/False, short answer/essay, and/or case studies.

Assessment Due Date
Week 6 Tuesday (18 Apr 2023) 8:00 am AEST

Return Date to Students

Results will be accessible on Moodle within two weeks of the submission date.

Weighting
20%

Assessment Criteria
All questions will be marked numerically and an overall percentage mark will be awarded.
Late Arrivals: You should aim to arrive at least 15-minutes prior to the official assessment commencement time. In the extraordinary circumstance that you are late you will be permitted late entry to your assessment of up to 10 minutes after the official assessment commencement time. The period of lateness will be deducted from your overall assessment time. If you are denied access to the assessment due to lateness (i.e. arriving beyond the permitted late entry period), you should make an online application for deferred assessment (which may or may not be granted in line with CQU policy). If your application for deferred assessment is denied, you will receive a score of zero percent (0%) for your assessment item.

Referencing Style

- American Psychological Association 7th Edition (APA 7th edition)

Submission
Offline

Submission Instructions
The Mid-Term Test will held on campus. Please see Moodle for more details.

assessmentOutcome

- Demonstrate theoretical and applied knowledge of pathophysiology, symptomatology, clinical course and prognosis for complex musculoskeletal conditions

assessmentGradAttribute

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy

2 END-TERM TEST (On Campus)

Assessment Type
In-class Test(s)

Task Description
The End-Term Test is a 2.5 hour (i.e. 150 min) closed book, paper-based, in-class written test that will be held on-campus (Bundaberg and Rockhampton campuses only). Access to books, notes and electronic devices are prohibited during the test. The End-Term Test will examine all content covered from weeks 1 to 10, inclusive, including all lectures, practicals and required readings. The test will include some, or all, of the following question types: Multiple choice, True/False, Short answer/essay and/or Case studies

Assessment Due Date
Week 12 Tuesday (30 May 2023) 8:30 am AEST

Return Date to Students

Results will be accessible on Moodle within two weeks of the submission date.

Weighting
30%

Assessment Criteria
All questions will be marked numerically and an overall percentage mark will be awarded.
Late Arrivals: You should aim to arrive at least 15-minutes prior to the official assessment commencement time. In the extraordinary circumstance that you are late you will be permitted late entry to your assessment of up to 10 minutes after the official assessment commencement time. The period of lateness will be deducted from your overall assessment time. If you are denied access to the assessment due to lateness (i.e. arriving beyond the permitted late entry period), you should make an online application for deferred assessment (which may or may not be granted in line with CQU policy). If your application for deferred assessment is denied, you will receive a score of zero percent (0%) for your assessment item.

Referencing Style

- American Psychological Association 7th Edition (APA 7th edition)

Submission
Offline

Submission Instructions
The End-Term Test will held on campus. Please see Moodle for more details.

assessmentOutcome

- Demonstrate theoretical and applied knowledge of pathophysiology, symptomatology, clinical course and prognosis for complex musculoskeletal conditions
- Explain how biological, social, and psychological factors inform a physiotherapy intervention plan for clients with complex musculoskeletal conditions
- Describe the role of the physiotherapist within an interprofessional team in the management of clients with complex musculoskeletal conditions

assessmentGradAttribute

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Cross Cultural Competence

3 OBJECTIVE STRUCTURED CLINICAL EXAMINATION (On Campus)

Assessment Type
Objective Structured Clinical Examinations (OSCEs)

Task Description
The Objective Structured Clinical Exam (OSCE) is intended to assess your theoretical and practical application of physiotherapy assessment, treatment, and clinical reasoning. The OSCE will include two (2) brief written clinical scenarios. You will have 40 minutes to read and complete all questions/tasks. There will be NO PREPARATION time for this assessment. For each scenario you will be required to plan, discuss and perform relevant aspects of physiotherapy assessment, treatment and overall management.
You may be requested to:

- Demonstrate knowledge of the presenting condition, including relevant pathophysiology, pathoanatomy, and symptomatology.
- Identify and act upon any precautions and/or contraindications to assessment and/or treatment.
- Demonstrate knowledge and clinical reasoning in the selection of assessment, treatment and/or overall management.
- Demonstrate clear, effective and thorough communication.
- Demonstrate safe and effective application of clinical assessment, treatment and/or overall management.
- Explain and interpret the findings of a clinical assessment and/or treatment, including progression and regression of selected treatment techniques.
- Demonstrate accurate and appropriate documentation of your clinical assessment and/or treatment findings.

All material relevant to musculoskeletal physiotherapy assessment and treatment covered in the following pre-requisite units is also examinable in the OSCE: Foundations of Physiotherapy Practice 1 (PSIO11004), Foundations of Physiotherapy Practice 2 (PSIO11003), Functional Anatomy and Biomechanics (ALLH12008), Musculoskeletal Physiotherapy 1 (PSIO12001) and Musculoskeletal Physiotherapy 2 (PSIO12005).
You need to be appropriately attired in your full clinical uniform for the examination. If you are required to be a 'simulated patient' for another student's examination please bring additional clothes suitable for a clinical assessment.

Assessment Due Date

The Practical Assessment (OSCE) will be held in either the Review/Exam Week or Exam Week.

Return Date to Students

Results will be accessible on Moodle within two weeks following completion.

Weighting
50%

Minimum mark or grade
To PASS the OSCE you must: 1) Achieve a mark of 50% or higher; AND 2) Achieve a PASS result for the PASS/FAIL component of Safety and Risk Management.

Assessment Criteria
The assessment rubric for this assessment task is based on the Australian Standards for Physiotherapy, 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 are intended to give a holistic understanding of standards expected for the assessment task.
Detailed marking criteria sheet will be available on Moodle, and will be based on the following rubric categories:

- Communication (20%)
- Selection, application and interpretation of assessment (40%)
- Selection, application and interpretation of treatment/management (40%)
- Risk Management/Safety and Professional Behaviour (PASS/FAIL)

In order to PASS the OSCE you must:

1. Achieve a mark of 50% or higher; AND
2. Achieve a PASS result for the PASS/FAIL component of Safety and Risk Management.

If you do not meet the above criteria for each clinical scenario, you may be offered a Supplementary Assessment in line with CQUniversity Policy.

Late Arrivals: You should aim to arrive at least 15-minutes prior to the official assessment commencement time (i.e. when your preparation time starts). In the extraordinary circumstance that you are late you will be permitted late entry to your assessment of up to 10 minutes after the official assessment commencement time. The period of lateness will be deducted from your overall assessment time. If you are denied access to the assessment due to lateness (i.e. arriving beyond the permitted late entry period), you should make an online application for deferred assessment (which may or may not be granted in line with CQU policy). If your application for deferred assessment is denied, you will receive a score of zero percent (0%) for your assessment item and will not be eligible for a re-sit, but may be eligible for a supplementary assessment in line with CQU policy.

Referencing Style

- American Psychological Association 7th Edition (APA 7th edition)

Submission
No submission method provided.

assessmentOutcome

- Develop, implement and evaluate evidence-based assessment and treatment for clients with complex musculoskeletal conditions
- Explain how biological, social, and psychological factors inform a physiotherapy intervention plan for clients with complex musculoskeletal conditions
- Describe the role of the physiotherapist within an interprofessional team in the management of clients with complex musculoskeletal conditions
- Demonstrate acceptable professional and ethical behaviours consistent with a physiotherapy practitioner.

assessmentGradAttribute

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

4 ATTENDANCE HURDLE (On Campus)

Assessment Type
On-campus Activity

Task Description
A minimum attendance rate of 85% for practical sessions is required in order to be eligible to PASS this unit. This minimum attendance requirement is recommended by the Australian Physiotherapy Council and thus has been integrated as a requirement into the CB85 Physiotherapy course. If there is a genuine reason for being absent, you must inform the unit coordinator as soon as possible and submit a medical certificate or other supporting documentation via email so that your absence does not count towards your attendance rate. The monitoring of attendance will take into consideration legitimate requests for absence such as those outlined in the Assessment Policy and Procedure (5.21 and 5.22) (e.g. medical or allied health, compassionate, misadventure and exceptional circumstances). You will be notified by the unit coordinator when you reach the 85% threshold. If you require a prolonged absence (>3 sessions) for a health-related condition, you will be required to have a face-to-face discussion with the unit coordinator and head of course to discuss your progression in the unit.

Assessment Due Date

Attendance rate will be determined at the end of term (i.e. Week 12)

Return Date to Students

Attendance rate will be determined at the end of term (i.e. Week 12)

Weighting
Pass/Fail

Minimum mark or grade
In order to PASS the Attendance Hurdle you must attend at least 85% of all scheduled practicals for this unit.

Assessment Criteria
Your attendance at each scheduled practical session will be recorded by the tutor using an attendance spreadsheet. The monitoring of attendance will take into consideration legitimate requests for absence, such as those outlined in the CQUniversity Assessment Policy and Procedure (Higher Education Coursework) document, and these will not be counted as absence for the purpose of this attendance requirement.

Referencing Style

- American Psychological Association 7th Edition (APA 7th edition)

Submission
No submission method provided.

assessmentOutcome

- Demonstrate acceptable professional and ethical behaviours consistent with a physiotherapy practitioner.

assessmentGradAttribute

- 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