



PSIO12005 *Musculoskeletal Physiotherapy 2*

Term 2 - 2024

Profile information current as at 03/07/2025 02:26 pm

All details in this unit profile for PSIO12005 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 will provide you with an introduction to the assessment and treatment of musculoskeletal conditions in the upper limb, head, cervical and thoracic spine for clients across the lifespan. This unit will focus on the development of an evidence based, problem solving approach to the assessment and treatment of common clinical presentations in musculoskeletal practice. The completion of this unit will enable you to apply effective clinical reasoning that underpins your selection and performance of evidence-based and client-centred physiotherapeutic assessment and treatment techniques.

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

To enrol in PSIO12005 Musculoskeletal Physiotherapy 2 you must be enrolled into the CB85 course and have completed the following pre-requisites: PSIO12001 Musculoskeletal Physiotherapy 1 PSIO12006 Functional Anatomy and Biomechanics OR 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 2 - 2024

- 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: 20%

2. **In-class Test(s)**

Weighting: 40%

3. **Objective Structured Clinical Examinations (OSCEs)**

Weighting: 40%

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 Comments

Feedback

Students suggested that the Objective Structured Clinical Exam only permitted assessment of a small number of clinical tests.

Recommendation

It is recommended that the teaching team review the Objective Structured Clinical Exam to reflect how more assessment techniques could be assessed.

Unit Learning Outcomes

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

1. Identify and discuss the clinical presentation of musculoskeletal conditions of the upper limb, head, cervical and thoracic spine
2. Identify and discuss safe, effective, and evidence-based assessment and treatment techniques for musculoskeletal conditions of the upper limb, head, cervical and thoracic spine
3. Demonstrate safe, effective, and evidence-based assessment techniques for the upper limb, head, cervical and thoracic spine, and interpret and analyse the findings
4. Demonstrate safe, effective, and evidence-based physiotherapy interventions for the upper limb, head, cervical and thoracic spine, and be able to progress and/or regress appropriately
5. Demonstrate acceptable professional and ethical behaviours consistent with a physiotherapy practitioner.

The Learning Outcomes and Assessment tasks have been mapped against and aligned with the Australian Physiotherapy Council's Physiotherapy Practice Thresholds.

Alignment of Learning Outcomes, Assessment and Graduate Attributes

 N/A Level	 Introductory Level	 Intermediate Level	 Graduate Level	 Professional Level	 Advanced Level
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Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
1 - Online Quiz(zes) - 20%	•	•			
2 - In-class Test(s) - 40%	•	•			
3 - Objective Structured Clinical Examinations (OSCEs) - 40%			•	•	•
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					

Textbooks and Resources

Textbooks

PSIO12005

Prescribed

Brukner & Khan's Clinical Sports Medicine: Injuries, Volume 1

Edition: 5th ed (2017)

Authors: Brukner P, Clarsen B, Cook J, Cools A, Crossley K, Hutchinson M, McCrory P, Bahr R, and Khan K
McGraw-Hill

Sydney , New South Wales , Australia

ISBN: 9871760421663

Binding: Hardcover

PSIO12005

Prescribed

Musculoskeletal Examination and Assessment: A Handbook for Therapists

Edition: 6th ed (2024)

Authors: Ryder D & Barnard K

Elsevier

Scotland

ISBN: 9780323874717

Binding: Paperback

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Supplementary

Orthopedic Physical Assessment

Seventh Edition (2020)

Authors: Magee, D. & Manske, R.

Elsevier

St Louis St Louis , Missouri , United States of America

ISBN: 9780323749510

Binding: Hardcover

Additional Textbook Information

Ryder and Barnard Musculoskeletal Examination and Assessment 6th ed is the latest edition. If you have a previous edition that will be sufficient.

[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: [Vancouver](#)
For further information, see the Assessment Tasks.

Teaching Contacts

Luke Heales Unit Coordinator
l.heales@cqu.edu.au

Schedule

Week 1 - 08 Jul 2024

Module/Topic	Chapter	Events and Submissions/Topic
Unit Introduction Cervical Spine Region	Petty, N. & Ryder, D. (2018). 'Chapter 6: Examination of the upper cervical region' p168 Petty, N. & Ryder, D. (2018). 'Chapter 7: Examination of the upper cervicothoracic region' p208 Brukner, P. & Khan, K. (2017). 'Chapter 23: Neck Pain' p347	N/A

Week 2 - 15 Jul 2024

Module/Topic	Chapter	Events and Submissions/Topic
Understanding Headaches Upper Limb Neurological Assessment	Petty, N. & Ryder, D. (2018). 'Chapter 6: Examination of the upper cervical region' p168 Petty, N. & Ryder, D. (2018). 'Chapter 7: Examination of the upper cervicothoracic region' p208 Brukner, P. & Khan, K. (2017). 'Chapter 23: Neck Pain' p347	N/A

Week 3 - 22 Jul 2024

Module/Topic	Chapter	Events and Submissions/Topic
Temporomandibular Joint	Petty, N. & Ryder, D. (2018). Chapter 5 "Examination of the temporomandibular region" p146	N/A

Week 4 - 29 Jul 2024

Module/Topic	Chapter	Events and Submissions/Topic
Thoracic Spine Region	Petty, N. & Ryder, D. (2018). 'Chapter 8: Examination of the thoracic region' p231 Brukner, P. & Khan, K. (2017). 'Chapter 28: Thoracic and chest pain' p507	N/A

Week 5 - 05 Aug 2024

Module/Topic	Chapter	Events and Submissions/Topic
Shoulder Region 1	Petty, N. & Ryder, D. (2018). 'Chapter 9: Examination of the shoulder region' p249 Brukner, P. & Khan, K. (2017). 'Chapter 24. Shoulder Pain' p377	ASSESSMENT 1: ONLINE QUIZ - MID-TERM (20%) Due: Week 5 Tuesday (6 Aug 2024) 8:00 am AEST

Vacation Week - 12 Aug 2024

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

Week 6 - 19 Aug 2024

Module/Topic	Chapter	Events and Submissions/Topic
Shoulder Region 2 and Differentiation	Petty, N. & Ryder, D. (2018). 'Chapter 9: Examination of the shoulder region' p249 Brukner, P. & Khan, K. (2017). 'Chapter 24. Shoulder Pain' p377	N/A

Week 7 - 26 Aug 2024

Module/Topic	Chapter	Events and Submissions/Topic
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Elbow and Forearm Region	Petty, N. & Ryder, D. (2018). 'Chapter 10: Examination of the elbow region' p271 Brukner, P. & Khan, K. (2017). 'Chapter 25. Elbow and arm pain' p439	N/A
Week 8 - 02 Sep 2024		
Module/Topic	Chapter	Events and Submissions/Topic
Hand and Wrist Region	Petty, N. & Ryder, D. (2018). 'Chapter 11: Examination of the wrist and hand' p299 Brukner, P. & Khan, K. (2017). 'Chapter 26: Wrist pain' p463 and 'Chapter 27: Hand and Finger Pain' p489	N/A
Week 9 - 09 Sep 2024		
Module/Topic	Chapter	Events and Submissions/Topic
Mobilisation with Movement (MWM)	Brukner, P., & Khan, K. (2017). Clinical Sports Medicine. (5th Ed.) Sydney: McGraw-Hill. Pg 250-253	N/A
Week 10 - 16 Sep 2024		
Module/Topic	Chapter	Events and Submissions/Topic
Upper Limb Exercise Prescription	Brukner, P., & Khan, K. (2017). Chapter 10 Training Programming and Prescription p139	N/A
Week 11 - 23 Sep 2024		
Module/Topic	Chapter	Events and Submissions/Topic
OSCE Preparation and Revision	N/A	ASSESSMENT 2: IN-CLASS TEST - END-TERM (40%) Due: Week 11 Monday (23 Sept 2024) 8:00 am AEST
Week 12 - 30 Sep 2024		
Module/Topic	Chapter	Events and Submissions/Topic
OSCE Preparation and Revision	N/A	N/A
Review/Exam Week - 07 Oct 2024		
Module/Topic	Chapter	Events and Submissions/Topic
Objective Structured Clinical Exam (OSCE)	N/A	Assessment 3: (40%) Objective Structured Clinical Exam (OSCE) - will be scheduled for Exam Week 1 or 2. See Moodle for detailed timetable during the term.
Exam Week - 14 Oct 2024		
Module/Topic	Chapter	Events and Submissions/Topic
N/A	N/A	Assessment 3: (40%) Objective Structured Clinical Exam (OSCE) - will be scheduled for Exam Week 1 or 2. See Moodle for detailed timetable during the term.

Assessment Tasks

1 ASSESSMENT 1: ONLINE QUIZ - MID-TERM (20%)

Assessment Type

Online Quiz(zes)

Task Description

There will be a 1.5 hour (90 minute) Online Quiz delivered via the Moodle platform. The Online Quiz will be supervised by a staff member and must be completed in person on either the Rockhampton or Bundaberg campus at the specified time. The questions will be identical for all students but the order in which they appear will be randomly generated, so that the order of questions 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 use of a mobile phone is not permitted for this assessment item. The preference is for a laptop over a tablet and to use the Google Chrome web browser.

The Online Quiz will examine content from Weeks 1 to 4 and will consist of up to 50 questions in some or all of these categories:

- Multiple choice
- Fill in the missing word(s)
- Questions relating to multimedia material (e.g. images, videos)
- Short answer
- Clinical case studies

Number of Quizzes

1

Frequency of Quizzes

Other

Assessment Due Date

Week 5 Tuesday (6 Aug 2024) 8:00 am AEST

Return Date to Students

In line with CQUniversity policy, grades will be returned to students within two weeks of completion of the assessment.

Weighting

20%

Assessment Criteria

Quiz questions will be marked to provide a raw score with students awarded an overall percentage mark out of 100%. Late Arrival: You should aim to arrive at least 15 minutes before the official assessment commencement time. In the extraordinary circumstance that you are late, you will be permitted late entry to the Mid-Term Online Quiz of up to 10 minutes after the official commencement time. The period of lateness will be deducted from your overall assessment time. Suppose you are denied access to the assessment due to lateness (i.e. arriving beyond the permitted late entry period). In that case, you should apply for deferred assessment, which may or may not be approved in line with CQU policy. If the application for deferred assessment is denied, you will receive a zero percent (0%) grade for the assessment item.

Referencing Style

- [Vancouver](#)

Submission

Online

Submission Instructions

The online quiz will be delivered online via the Moodle platform. Students must complete the online quiz in person on either the Rockhampton or Bundaberg Campus at the pre-specified time.

Learning Outcomes Assessed

- Identify and discuss the clinical presentation of musculoskeletal conditions of the upper limb, head, cervical and thoracic spine
- Identify and discuss safe, effective, and evidence-based assessment and treatment techniques for musculoskeletal conditions of the upper limb, head, cervical and thoracic spine

2 ASSESSMENT 2: IN-CLASS TEST - END-TERM (40%)

Assessment Type

In-class Test(s)

Task Description

The In-Class End-Term Test is a 2.5 hour (150 minutes) closed book and paper-based written assessment that will be held on campus (Bundaberg and Rockhampton campuses only). The test will examine all content covered during the term, including lectures, practicals and required readings. Access to books, notes, and online devices is prohibited during the test.

The test will consist of questions in some or all of these categories:

- Multiple choice
- Fill in the missing word(s)
- Questions relating to multimedia material (e.g. images)
- Short and/or long answer
- Clinical case studies

Assessment Due Date

Week 11 Monday (23 Sept 2024) 8:00 am AEST

Return Date to Students

In line with CQUniversity policy, grades will be returned to students within two weeks of completion of the assessment.

Weighting

40%

Minimum mark or grade

You must achieve a minimum grade of 50% on this assessment item to pass this Unit.

Assessment Criteria

The In-Class End-Term Test questions will be marked to provide a raw score with students awarded an overall percentage mark out of 100%.

Late Arrival: You should aim to arrive at least 15 minutes before the official assessment commencement time. In the extraordinary circumstance that you are late, you will be permitted late entry to the End-Term In-Class Test of up to 10 minutes after the official commencement time. The period of lateness will be deducted from your overall assessment time. Suppose you are denied access to the assessment due to lateness (i.e. arriving beyond the permitted late entry period). In that case, you should apply for deferred assessment, which may or may not be approved in line with CQU policy. If the application for deferred assessment is denied, you will receive a zero percent (0%) grade for the assessment item.

Referencing Style

- [Vancouver](#)

Submission

Offline

Submission Instructions

The In-Class End-Term Test is a written test and must be completed in person on either the Rockhampton or Bundaberg Campus at the pre-specified time.

Learning Outcomes Assessed

- Identify and discuss the clinical presentation of musculoskeletal conditions of the upper limb, head, cervical and thoracic spine
- Identify and discuss safe, effective, and evidence-based assessment and treatment techniques for musculoskeletal conditions of the upper limb, head, cervical and thoracic spine

3 ASSESSMENT 3: OBJECTIVE STRUCTURED CLINICAL EXAM (40%)

Assessment Type

Objective Structured Clinical Examinations (OSCEs)

Task Description

The Objective Structured Clinical Exam (OSCE) assesses your theoretical and practical application of physiotherapy assessment, treatment, and clinical reasoning. The OSCE will include stations where we assess your practical skills and clinical reasoning. You will have 30 minutes to read and complete all questions/tasks. There will be no preparation time for this assessment. At each station, you must plan, perform and discuss relevant aspects of physiotherapy assessment/treatment and demonstrate clinical interpretation of the techniques performed.

You will be required to:

1. Identify and act upon any precautions and/or contraindications to assessment and/or treatment
2. Demonstrate clear, effective and appropriate communication
3. Demonstrate safe and effective application of clinical assessment and treatment techniques
4. Explain and interpret the findings of a clinical assessment and/or treatment, including progression and regression of selected treatment techniques
5. Present in your full clinical uniform for the examination

All material relevant to musculoskeletal physiotherapy assessment and treatment covered in the following pre-requisite

and co-requisite units is also examinable in the OSCE: Musculoskeletal Physiotherapy 1 (PSIO12001), Functional Anatomy and Biomechanics (PSIO12006), Foundations of Physiotherapy Practice 1 (PSIO11004), Foundations of Physiotherapy Practice 2 (PSIO11003), Functional Anatomy and Biomechanics (ALLH12008/PSIO2006), Medical Anatomy and Physiology 1 (BMSC11007), and Medical Anatomy and Physiology 2 (BMSC11008).

Assessment Due Date

The Objective Structured Clinical Exam will be held in either Exam Week 1 or 2.

Return Date to Students

In line with CQUniversity policy, grades will be returned to students within two weeks of completion of the assessment.

Weighting

40%

Minimum mark or grade

You must pass the safety/risk management criteria and achieve a minimum grade of 50% on this assessment item to pass this Unit.

Assessment Criteria

Detailed marking criteria will be available on Moodle, and will be based on the following rubric categories:

Risk Management/Safety and Professional Behaviour (PASS/FAIL)

Communication (10%)

Correct application of the assessment/treatment technique (60%)

Knowledge and interpretation of assessment/treatment and relevant clinical reasoning (30%)

Late Arrival: You should aim to arrive at least 15 minutes before the official assessment commencement time. In the extraordinary circumstance that you are late, you will be permitted late entry to the OSCE of up to 10 minutes after the official commencement time. The period of lateness will be deducted from your overall assessment time. Suppose you are denied access to the assessment due to lateness (i.e. arriving beyond the permitted late entry period). In that case, you should apply for deferred assessment, which may or may not be approved in line with CQU policy. If the application for deferred assessment is denied, you will receive a zero percent (0%) grade for the assessment item.

Referencing Style

- [Vancouver](#)

Submission

Offline

Submission Instructions

The OSCE is a practical based examination and must be completed in person on either the Rockhampton or Bundaberg Campus at the pre-specified time.

Learning Outcomes Assessed

- Demonstrate safe, effective, and evidence-based assessment techniques for the upper limb, head, cervical and thoracic spine, and interpret and analyse the findings
- Demonstrate safe, effective, and evidence-based physiotherapy interventions for the upper limb, head, cervical and thoracic spine, and be able to progress and/or regress appropriately
- Demonstrate acceptable professional and ethical behaviours consistent with a physiotherapy practitioner.

4 ASSESSMENT 4: ON-CAMPUS ACTIVITY - 85% ATTENDANCE HURDLE (PASS/FAIL)

Assessment Type

On-campus Activity

Task Description

A minimum attendance of 85% to tutorial/practical sessions is recommended by the Australian Physiotherapy Council. This has been integrated as a requirement for the CB85 Physiotherapy Course. Therefore, a minimum of 85% attendance to tutorial/practical sessions is required to PASS this Unit. The monitoring of attendance will take into consideration legitimate reasons for absences, as outlined in the Assessment Policy and Procedure (5.21 & 5.22, Pg. 10-11). When there is a genuine reason for being absent, you must inform the Unit Coordinator as soon as possible and provide supporting documentation (e.g., medical certificate). You will be warned by the Unit Coordinator when you reach the 85% threshold. Students who fail to meet the minimum 85% attendance requirement will fail the Unit. Students who require a prolonged absence (i.e. not meeting the 85% attendance hurdle) due to medical or health-related conditions (e.g., serious or debilitating illness or injury; hospitalisation; giving or recently given birth; mental health illness or condition) will require a face-to-face discussion with the Head of Course and the Unit Coordinator to

discuss the most appropriate pathway for completion of 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

You must attend at least 85% of all scheduled practical classes to pass this Unit.

Assessment Criteria

To pass the Attendance Hurdle, you must attend at least 85% of all scheduled tutorials/practicals for this unit. The tutor will record your attendance at each scheduled practical session using an attendance spreadsheet.

Referencing Style

- [Vancouver](#)

Submission

No submission method provided.

Learning Outcomes Assessed

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

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