



# PSIO12005 *Musculoskeletal Physiotherapy 2*

## Term 2 - 2018

Profile information current as at 17/05/2024 03:57 am

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 enable students to develop their skills in the examination, assessment, treatment and management of patients with musculoskeletal dysfunction, in the upper limb, head, cervical and thoracic spine for clients across the lifespan. Students will increase their knowledge of the theory and research underpinning physiotherapy practice, including the use of self-management, education strategies and outcome measures, enabling students to effectively clinically reason, integrate and apply both specific, generic and complex physiotherapeutic skills that underpin patient centred assessment and management.

#### Details

Career Level: *Undergraduate*

Unit Level: *Level 2*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

#### Pre-requisites or Co-requisites

Pre-requisites: PSIO12001 Musculoskeletal Physiotherapy 1 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 - 2018

- 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. **Written Assessment**

Weighting: 30%

#### 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 [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 Have Your Say

##### **Feedback**

More case studies could be incorporated into the teaching.

##### **Recommendation**

The teaching team will aim to incorporate more case studies into the content of the course.

#### Feedback from Have Your Say and by email.

##### **Feedback**

The students really enjoyed the change which was made to the Hurdle Assessment. This changed from a video submission to a face-to-face feedback session, where students received immediate feedback on a question of their choice. Several students thought the number of face-to-face sessions could be increased from one to two within the term.

##### **Recommendation**

The new format of hurdles will remain for 2018 and the teaching team will endeavor to schedule in more Hurdle sessions where possible.

#### Feedback from Have Your Say

##### **Feedback**

Students felt there was inconsistency in relation to clinical techniques taught between campuses.

##### **Recommendation**

There is often some inconsistency between clinicians in clinical practice due to their personal biomechanics, knowledge and clinical experience. The teaching staff will continue to regularly communicate to improve consistency in relation to the clinical techniques taught between campuses.

## Unit Learning Outcomes

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

1. Evaluate and perform assessment procedures to the upper limb, head, cervical and thoracic spine for clients across the lifespan while screening for clinical indicators of serious pathology.
2. Interpret and analyse assessment findings using a clinical reasoning approach, while considering individual beliefs and values.
3. Develop, implement and evaluate interventions in relation to client needs, including the ability to incorporate self-management and education strategies.
4. Identify and apply valid and reliable outcome measures in the context of Musculoskeletal Physiotherapy.

The Learning Outcomes and Assessment tasks have been mapped against, and aligned with, the Australian Standards for Physiotherapy.

## Alignment of Learning Outcomes, Assessment and Graduate Attributes



### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes			
	1	2	3	4
1 - Online Quiz(zes) - 20%	•	•	•	•
2 - Written Assessment - 30%	•	•	•	•
3 - On-campus Activity - 0%	•	•	•	•
4 - Practical Assessment - 50%	•	•	•	•

## Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes			
	1	2	3	4
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 - Online Quiz(zes) - 20%	•	•	•	•		•				
2 - Written Assessment - 30%	•	•	•	•		•	•	•		
3 - On-campus Activity - 0%	•									
4 - Practical Assessment - 50%	•	•	•	•		•	•	•		

## Textbooks and Resources

### Textbooks

PSIO12005

#### Prescribed

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

Edition: 5th (2016)

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

McGraw-Hill

Australia

ISBN: 9780070998131

Binding: Hardcover

PSIO12005

#### Prescribed

##### **Neuromusculoskeletal Examination and Assessment: A Handbook for Therapists**

Edition: 5th edn (2017)

Authors: Petty N

Churchill Livingstone

London, UK

ISBN: 9780702067174

Binding: Paperback

#### Additional Textbook Information

Students may have purchased these texts in the previous unit PSIO12001.

[View textbooks at the CQUniversity Bookshop](#)

### IT Resources

**You will need access to the following IT resources:**

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- Clinics in Motion

## Referencing Style

All submissions for this unit must use the referencing style: [American Psychological Association 6th Edition \(APA 6th edition\)](#)

For further information, see the Assessment Tasks.

## Teaching Contacts

**Luke Heales** Unit Coordinator

[l.heales@cqu.edu.au](mailto:l.heales@cqu.edu.au)

## Schedule

### Week 1 - 09 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
Cervical Spine 1		

### Week 2 - 16 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
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Cervical Spine 2

**Week 3 - 23 Jul 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Temporomandibular Joint		

**Week 4 - 30 Jul 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Thoracic Spine Region		

**Week 5 - 06 Aug 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Shoulder Region		Online Quiz 1

**Vacation Week - 13 Aug 2018**

Module/Topic	Chapter	Events and Submissions/Topic
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**Week 6 - 20 Aug 2018**

Module/Topic	Chapter	Events and Submissions/Topic
		Written Assessment Due
Elbow Region		<b>(30%) Written assessment</b> Due: Week 6 Friday (24 Aug 2018) 4:30 pm AEST

**Week 7 - 27 Aug 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Hand and Wrist Region		

**Week 8 - 03 Sep 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Mobilisation with Movement (MWM)		

**Week 9 - 10 Sep 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Therapeutic Ultrasound and Electrical Simulation		

**Week 10 - 17 Sep 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Laser Therapy		Online Quiz 2

**Week 11 - 24 Sep 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Diagnostic Imaging		Hurdle Practical Assessment

**Week 12 - 01 Oct 2018**

Module/Topic	Chapter	Events and Submissions/Topic
OSCE Revision		

**Review/Exam Week - 08 Oct 2018**

Module/Topic	Chapter	Events and Submissions/Topic
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**Exam Week - 15 Oct 2018**

Module/Topic	Chapter	Events and Submissions/Topic
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Assessment Tasks

# 1 (20%) Online quizzes

## Assessment Type

Online Quiz(zes)

## Task Description

There are two online quizzes. Each quiz will consist of up to 20 questions, and each quiz will have a time limit of up to 50 minutes. The questions will be identical for all students but the order in which they appear will be randomly generated by a computer, 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. Each quiz is supervised by a staff member and must be completed in person on either the Rockhampton or Bundaberg campuses at the specified time allocated below and on Moodle.

- Quiz 1 in Week 5 (10% of unit grade) - covering content from weeks 1-4.
- Quiz 2 in Week 10 (10% of unit grade) - covering content from weeks 1-9.

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

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

**Weighting:** 20% of your final mark (10% from each online quiz).

**Day/Time Quiz 1:** 9:00am Monday 6th August, 2018 (Week 5)

**Day/Time Quiz 2:** 9:00am Monday 17th September, 2018 (Week 10)

## Number of Quizzes

2

## Frequency of Quizzes

Other

## Assessment Due Date

## Return Date to Students

## Weighting

20%

## Assessment Criteria

Quiz questions will be marked to provide a raw score with students awarded an overall percentage mark.

## Referencing Style

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

## Submission

Online

## Learning Outcomes Assessed

- Evaluate and perform assessment procedures to the upper limb, head, cervical and thoracic spine for clients across the lifespan while screening for clinical indicators of serious pathology.
- Interpret and analyse assessment findings using a clinical reasoning approach, while considering individual beliefs and values.
- Develop, implement and evaluate interventions in relation to client needs, including the ability to incorporate self-management and education strategies.
- Identify and apply valid and reliable outcome measures in the context of Musculoskeletal Physiotherapy.

## Graduate Attributes

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

## 2 (30%) Written assessment

### Assessment Type

Written Assessment

### Task Description

Students will develop a written appraisal of one assessment or treatment technique relevant to a chosen musculoskeletal condition of the upper limb, TMJ, cervical or thoracic spine (covered in MSK2). A list of example assessments and treatments will be provide in Moodle. The written component will be a **maximum of 1,500 words** including in-text referencing, tables and figures. The written component will include a background/introduction to the assessment or treatment technique, an appraisal of the current literature describing the technique, and a conclusion.

**Weighting:** 30% of your final mark.

**Format:** You are required to use a standardised format (see Moodle for instructions).

**Word Count:** Maximum word count is 1500 words including in-text referencing, tables and figures. The reference list is not included in the word limit.

**Referencing:** American Psychological Association (APA) Referencing Style

**Submission Instructions:** Online submission through Moodle.

**Due Date:** Friday 24th August 4:30pm (Week 6)

### Assessment Due Date

Week 6 Friday (24 Aug 2018) 4:30 pm AEST

### Return Date to Students

Week 8 Friday (7 Sept 2018)

### Weighting

30%

### Assessment Criteria

The assessment rubric for this assessment task is based on the Practice Thresholds for Physiotherapy 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.

### Referencing Style

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

### Submission

Online

### Learning Outcomes Assessed

- Evaluate and perform assessment procedures to the upper limb, head, cervical and thoracic spine for clients across the lifespan while screening for clinical indicators of serious pathology.
- Interpret and analyse assessment findings using a clinical reasoning approach, while considering individual beliefs and values.
- Develop, implement and evaluate interventions in relation to client needs, including the ability to incorporate self-management and education strategies.
- Identify and apply valid and reliable outcome measures in the context of Musculoskeletal Physiotherapy.

### Graduate Attributes

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

## 3 (P/F) ON-CAMPUS ACTIVITY

### Assessment Type

On-campus Activity

### Task Description

**HURDLE 1:** Students are required to attend and PASS a 10 minute PASS/FAIL practical assessment, where students will be randomised to demonstrate one of the following techniques: (1) laser, (2)



therapeutic ultrasound, or (3) electrical stimulation. Students will be required to identify and act upon any precautions and/or contraindications to the techniques and demonstrate knowledge, clinical reasoning, and discuss the physiological mechanisms for the use of the technique. Students will have a maximum of two attempts to PASS this hurdle. This practical assessment will take place on Friday 28th September. A detailed timetable will be made available on Moodle closer to the date.

**HURDLE 2:** A minimum attendance requirement of 85% for all practical classes is required to PASS this unit. This is recommended by the Australian Physiotherapy Council and is required for accreditation purposes. The monitoring of attendance will take into consideration legitimate reasons for absence, such as those outlined in the Assessment of Coursework Procedures policy, and these will not be counted as absence for the purpose of this attendance requirement. To ensure their absence does not count towards the attendance requirement, students must contact the Unit Coordinator as their earliest convenience and supply all relevant paperwork (e.g. medical certificate).

**Assessment Due Date****Return Date to Students****Weighting**

Pass/Fail

**Minimum mark or grade**

**HURDLE 1:** Students must PASS the practical assessment to PASS this unit. **HURDLE 2:** A minimum attendance requirement of 85% for all practical classes is required to PASS this unit.

**Assessment Criteria**

**HURDLE 1:** The assessment rubric is based on the Physiotherapy Practice Thresholds in Australia and Aotearoa New Zealand and will include PASS/FAIL criteria.

**HURDLE 2:** A role will be taken each week.

**Referencing Style**

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

**Submission**

Offline

**Learning Outcomes Assessed**

- Evaluate and perform assessment procedures to the upper limb, head, cervical and thoracic spine for clients across the lifespan while screening for clinical indicators of serious pathology.
- Interpret and analyse assessment findings using a clinical reasoning approach, while considering individual beliefs and values.
- Develop, implement and evaluate interventions in relation to client needs, including the ability to incorporate self-management and education strategies.
- Identify and apply valid and reliable outcome measures in the context of Musculoskeletal Physiotherapy.

**Graduate Attributes**

- Communication

## 4 (50%) Practical Assessment OSCE

**Assessment Type**

Practical Assessment

**Task Description**

The Practical Assessment, commonly referred to as an Objective Structured Clinical Exam (OSCE), will be based on two (2) written clinical case scenarios (simulated patients). Students will perform and discuss aspects of relevant assessment, treatment and overall management of the condition presented. Students will rotate between 2 stations with 2 different examiners. All material from Musculoskeletal Physiotherapy 2 is examinable (along with previous pre-requisite units e.g. Anatomy & Physiology 1 & 2, Foundations of Physiotherapy 1 and 2). The OSCE will last for 60 minutes (30 minutes of preparation time [reading and writing], and 15 minutes on each case). Students are required to model for the following students' exam.

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.

Weighting: 50% of your overall grade.

Day/Time: The OSCE will take place during the University Exam Period. A detailed timetable will be made available towards the end of Term 2.

#### **Assessment Due Date**

#### **Return Date to Students**

#### **Weighting**

50%

#### **Minimum mark or grade**

Students must: 1) PASS the PASS/FAIL component of Risk Management/Safety for each of the two case studies, and 2) achieve 50% or higher for each of the two case studies to PASS this unit. Refer to assessment criteria for further details.

#### **Assessment Criteria**

The assessment rubric is based on the Physiotherapy Practice Thresholds in Australia and Aotearoa New Zealand and will include the following assessment categories and weightings:

- Professional behaviour (10%)
- Communication (10%)
- Anatomical knowledge (10%)
- Assessment (20%)
- Clinical Reasoning/Interpretation (20%)
- Management and Treatment (30%)
- Risk Management/Safety (PASS/FAIL)

In order to PASS the Objective Structured Clinical Examination (OSCE) you must:

1) achieve a PASS result for the PASS/FAIL component of Risk Management/Safety for each of the two clinical scenarios (i.e. PASS for clinical scenario one and PASS for clinical scenario two).

AND

2) achieve 50% or higher in the graded component for each of the two clinical scenarios (i.e. a minimum of 50% for clinical scenario one and a minimum of 50% for clinical scenario two).

If you do not meet the above criteria for each clinical scenario, you will be eligible for one opportunity to re-sit the entire OSCE assessment task, provided you have:

1) achieved an overall grade equal to, or higher than 44.5% for your OSCE.

AND

2) achieved 49.5% or higher for each of the assessment items that have been completed and graded at the time of the OSCE.

OSCE re-sit conditions

1. If you meet the eligibility criteria for a re-sit, you will be given only one re-sit opportunity to pass the OSCE.
2. The re-sit will be assessed by up to two examiners and will be of an equivalent format to the original assessment task.

3. Where possible, the re-sit will be conducted within two weeks from the release of grades.
4. The assessment criteria of the re-sit will be identical to the original OSCE.
5. If you pass the re-sit you will receive a grade of exactly 50% for the OSCE (i.e. 25% of the Unit grade), irrespective of your achievement for the graded component. This is to ensure equity to those students who only had one attempt.

If you do not meet the requirements to be offered a re-sit, or to PASS the re-sit, you will receive a grade equal to your original OSCE grade and may be offered a supplementary assessment in line with CQUniversity Policy.

**Referencing Style**

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

**Submission**

No submission method provided.

**Learning Outcomes Assessed**

- Evaluate and perform assessment procedures to the upper limb, head, cervical and thoracic spine for clients across the lifespan while screening for clinical indicators of serious pathology.
- Interpret and analyse assessment findings using a clinical reasoning approach, while considering individual beliefs and values.
- Develop, implement and evaluate interventions in relation to client needs, including the ability to incorporate self-management and education strategies.
- Identify and apply valid and reliable outcome measures in the context of Musculoskeletal Physiotherapy.

**Graduate Attributes**

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