



# CHIR13006 *Clinical Assessment and Diagnosis 2*

## Term 2 - 2017

Profile information current as at 26/04/2024 06:43 am

All details in this unit profile for CHIR13006 have been officially approved by CQUniversity and represent a learning partnership between the University and you (our student). The information will not be changed unless absolutely necessary and any change will be clearly indicated by an approved correction included in the profile.

## General Information

### Overview

This unit builds on Professional Chiropractic Practice 1 (CHIR13008) and Chiropractic Assessment and Diagnosis 1 (CHIR12007), with focus on peripheral orthopaedic assessments and respective conditions. You will review and practise peripheral orthopaedic examinations within the principles of differential diagnoses. You will use case studies to record relevant health histories as they apply to peripheral conditions and protocols. Tutorial discussions will be related to the appropriate chiropractic management, treatment or protocols appropriate for your diagnoses. .

### 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

Pre-requisite: CHIR12007

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 - 2017

- Brisbane
- Mackay
- Sydney

### 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. **Practical Assessment**

Weighting: 60%

#### 2. **Examination**

Weighting: 40%

### Assessment Grading

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

## CQUniversity Policies

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

You may wish to view these policies:

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

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

## Previous Student Feedback

### Feedback, Recommendations and Responses

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

#### Feedback from Student Feedback

##### Feedback

Assignment

##### Recommendation

Provide clearer instructions as to the requirements for the assignment criteria. Provide definitive word count maximum indicating the extent that students may deviate from this count before being penalised.

## Unit Learning Outcomes

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

1. Apply orthopaedic diagnostic procedures specific to the upper and lower extremities and interpret significant findings
2. Develop differential diagnoses from history and physical examinations specific to the upper and lower extremities
3. Utilise clinical reasoning skills and evidence based approaches to diagnose conditions suitable or contraindicated to chiropractic care
4. Investigate appropriate chiropractic techniques in the treatment and management of case studies specific to upper and lower extremities.

## Alignment of Learning Outcomes, Assessment and Graduate Attributes



### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes			
	1	2	3	4
1 - Practical Assessment - 60%	•			
2 - Examination - 40%	•	•	•	•

### Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes			
	1	2	3	4
1 - Communication	•			
2 - Problem Solving	•	•	•	•
3 - Critical Thinking	•	•	•	•

Graduate Attributes	Learning Outcomes			
	1	2	3	4
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 - Practical Assessment - 60%	•	•	•					•		
2 - Examination - 40%		•	•	•		•	•	•		

## Textbooks and Resources

### Textbooks

CHIR13006

#### Prescribed

##### **IBM SPSS Statistics Grad Pack**

Edition: ( Standard v23.0 Windows )

Authors: IBM

IBM Australia

Sydney , NSW , Australia

Binding: Paperback

CHIR13006

#### Prescribed

##### **Quick Reference Evidence Informed Orthopedic Conditions**

(2015)

Authors: Nikita Vizniak

Professional Health Systems

Canada

ISBN: 9780973274271

Binding: Hardcover

CHIR13006

#### Prescribed

##### **Quick Reference Evidence Informed Physical Assessment**

(2015)

Authors: Nikita Vizniak

Professional Health Systems

Canada

ISBN: 9780973274202

Binding: Hardcover

#### Additional Textbook Information

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

For further information, see the Assessment Tasks.

## Teaching Contacts

**David Hannah** Unit Coordinator

[d.hannah@cqu.edu.au](mailto:d.hannah@cqu.edu.au)

## Schedule

**Week 1 - 10 Jul 2017**

Module/Topic	Chapter	Events and Submissions/Topic
<p>Course Overview and Expectation; Clinical reasoning guidelines and evidence based approaches suitable or contraindicated to chiropractic management.</p> <p>Sensitivity and Specificity of Orthopaedic examinations .</p> <p><b>Review:</b> Significance and Practice of Lumbopelvic orthopaedic procedures.</p>	<p>Lectures online via Moodle</p> <p>Overview of course structure</p> <p>Overview of assessment</p>	<p>Tutorials conducted on each campus (SYD, BNE, MKY)</p> <p><b>Tutorial:</b> Case History Taking and Orthopaedic Examination and Management approach (i.e. Target Tissues). Review and develop student patient files including outcome measures.</p> <p>Procedures to develop differential diagnoses from history and physical examinations (i.e. standing, sitting, supine and prone positions if applicable).</p> <p><b>Review:</b> GORP OMNI(C) as a protocol.</p>

**Week 2 - 17 Jul 2017**

Module/Topic	Chapter	Events and Submissions/Topic
<p><b>Review:</b> Significance and Practice of Lumbopelvic orthopaedic procedures.</p> <p><b>New:</b> Hip Orthopaedic tests</p>	<p>Lectures online via Moodle</p> <p>The standard reference for the orthopaedic videos will be can be per Nikita Vizniak series.</p> <p>"<a href="https://prohealthsys.com/central/">https://prohealthsys.com/central/</a>"</p>	<p><b>Tutorial:</b> Case studies, in-class activity and suggested examination and management routines to hip region.</p> <p><b>Practice:</b> according to GORP OMNI (C) protocols for new orthopaedic tests.</p>

**Week 3 - 24 Jul 2017**

Module/Topic	Chapter	Events and Submissions/Topic
<p><b>Review:</b> Significance and Practice of Lumbopelvic and hip orthopaedic procedures.</p> <p><b>New:</b> Knee Orthopaedic tests Part A</p>	<p>Lectures online via Moodle</p>	<p><b>Tutorial:</b> Case studies, in-class activity and suggested examination and management routines to knee region.</p> <p><b>Practice:</b> according to GORP OMNI (C) protocols for new orthopaedic tests.</p>

**Week 4 - 31 Jul 2017**

Module/Topic	Chapter	Events and Submissions/Topic
<p><b>Review:</b> Significance and Practice of Lumbopelvic and hip orthopaedic procedures.</p> <p><b>New:</b> Knee Orthopaedic tests Part B</p>	<p>Lectures online via Moodle</p>	<p><b>Tutorial:</b> Case studies, in-class activity and suggested examination and management routines to knee region.</p> <p><b>Practice:</b> according to GORP OMNI (C) protocols for new orthopaedic tests.</p>

**Week 5 - 07 Aug 2017**

Module/Topic	Chapter	Events and Submissions/Topic
<p><b>Review:</b> Significance and Practice of Lumbopelvic, hip and knee orthopaedic procedures.</p> <p><b>New:</b> Ankle and Foot Orthopaedic tests</p>	<p>Lectures online via Moodle</p>	<p><b>Tutorial:</b> Case studies, in-class activity and suggested examination and management routines to ankle and foot regions. (with additional time for knee if required).</p> <p><b>Practice:</b> according to GORP OMNI (C) protocols for new orthopaedic tests.</p>

**Vacation Week - 14 Aug 2017**

Module/Topic	Chapter	Events and Submissions/Topic
<p>Study Week</p>	<p>Study Week</p>	<p>Study week</p>

**Week 6 - 21 Aug 2017**

Module/Topic	Chapter	Events and Submissions/Topic

**Review:** Significance and Practice of Cervical orthopaedic procedures.  
**New:** Shoulder Orthopaedic tests Part A

Lectures online via Moodle

**Tutorial:** Case studies, in-class activity and suggested examination and management routines to ankle and foot regions. (with additional time for knee if required).

**Practice:** according to GORP OMNI (C) protocols for new orthopaedic tests.

### Week 7 - 28 Aug 2017

**Module/Topic** **Chapter**

**Review:** Significance and Practice of Cervical orthopaedic procedures.  
**New:** Shoulder Orthopaedic tests Part B

Lectures online via Moodle

#### Events and Submissions/Topic

**Tutorial:** Case studies, in-class activity and suggested examination and management routines to ankle and foot regions. (with additional time for knee if required).

**Practice:** according to GORP OMNI (C) protocols for new orthopaedic tests.

### Week 8 - 04 Sep 2017

**Module/Topic** **Chapter**

**Review:** Significance and Practice of Cervical and shoulder orthopaedic procedures.  
**New:** Elbow Orthopaedic tests

Lectures online via Moodle

#### Events and Submissions/Topic

**Tutorial:** Case studies, in-class activity and suggested examination and management routines to ankle and foot regions. (with additional time for knee if required).

**Practice:** according to GORP OMNI (C) protocols for new orthopaedic tests.

### Week 9 - 11 Sep 2017

**Module/Topic** **Chapter**

**Review:** Significance and Practice of Cervical shoulder and elbow orthopaedic procedures.  
**New:** Wrist and Hand Orthopaedic tests

Lectures online via Moodle

#### Events and Submissions/Topic

**Tutorial:** Case studies, in-class activity and suggested examination and management routines to wrist and hand regions.

**Practice:** according to GORP OMNI (C) protocols for new orthopaedic tests.

### Week 10 - 18 Sep 2017

**Module/Topic** **Chapter**

**Review:** Significance and Practice of Cervical, shoulder, elbow, wrist and hand orthopaedic procedures.  
**New:** Thoracic, Ribs, TMJ and Non-Systemic Orthopaedic tests

Lectures online via Moodle

#### Events and Submissions/Topic

**Tutorial:** Case studies, in-class activity and suggested examination and management routines to wrist and hand regions.

**Practice:** according to GORP OMNI (C) protocols for new orthopaedic tests.

### Week 11 - 25 Sep 2017

**Module/Topic** **Chapter**

**Review Week for Upper and Lower Extremity Orthopaedic tests**

Lectures online via Moodle

#### Events and Submissions/Topic

**Tutorial:** Question and clarification on all peripheral testing procedures with ongoing practice using sample rubric templates.

### Week 12 - 02 Oct 2017

**Module/Topic** **Chapter**

#### Events and Submissions/Topic

**Review Week; Preparation for FINAL OSCE**

**Tutorial:** Question and clarification on all peripheral testing procedures with ongoing practice using sample rubric templates.

**FINAL OSCE** Due: Week 12 Friday (6 Oct 2017) 5:00 pm AEST

**Review/Exam Week - 09 Oct 2017**

Module/Topic	Chapter	Events and Submissions/Topic
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**Exam Week - 16 Oct 2017**

Module/Topic	Chapter	Events and Submissions/Topic
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## Term Specific Information

Although there will be review of the spinal orthopaedic tests that were presented last term in Professional Chiropractic Practice 1 (PCP1), you will not be assessed on the final OSCE for these tests. The same is true for the neurological testing procedures that were taught in Clinical Assessment and Diagnosis 1 (CAD1). Illustration and understanding of these procedures will be considered 'required knowledge' throughout CAD2 and on occasion will be utilised in the relevant history, protocols, chiropractic management and treatment.

## Assessment Tasks

### 1 FINAL OSCE

**Assessment Type**

Practical Assessment

**Task Description**

This practical examination will be presented in an OSCE format consisting of 3 stations. Time allocation will be identified by week 10 of the term (tentatively to be set at 6 minutes each station).

The **three (3) stations** will be case scenarios based on: (i) shoulder or hip (ii) elbow or knee and (iii) wrist/hand or ankle/foot

**For each station:**

You will be presented with a case scenario or description drawn from the content covered throughout the course.

You will be asked for your provisional diagnosis or clinical impression.

You will be required to perform aspects of GORP OMNI(C) and relevant orthopaedic tests to confirm or deny the provisional diagnosis.

You will be asked questions to substantiate the significance and your understanding of the tests you are performing, as part of the diagnostic procedure specified in the learning outcomes.

**Assessment Due Date**

Week 12 Friday (6 Oct 2017) 5:00 pm AEST

Performed during the last scheduled lab session of the week; to completed before Friday at 5:00 PM.

**Return Date to Students**

Results will be entered in Moodle and released as soon as possible. They will require grading and if necessary moderation first.

**Weighting**

60%

**Minimum mark or grade**

50%

**Assessment Criteria**

You will be assessed on the relevance of the selected examinations, your care and communication with your patient, your ability to discuss and describe the examination, and the clinical relevance of any findings from the examination.

**Assessment Criteria**

- Overall performance, flow, organisation and confidence



- Patient communication - including consent and explanations
- Patient handling and positioning
- Orthopaedic tests and/or procedure - each one performed; performed correctly; interpreted correctly
- Ability to discuss and describe the significance of the examination findings (i.e. what is a positive test etc)
- General knowledge relating to the interaction

### Referencing Style

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

### Submission

Offline

### Submission Instructions

Practical Assessment. This assessment is a professional performance assessment task. This must be completed by the specified due date. In the absence of an approved extension, there will be no opportunity to complete the task after this date and no opportunity to apply a late penalty. In that case a zero score will be awarded.

### Learning Outcomes Assessed

- Apply orthopaedic diagnostic procedures specific to the upper and lower extremities and interpret significant findings

### Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Ethical practice

## Examination

### Outline

Complete an invigilated examination.

### Date

During the examination period at a CQUniversity examination centre.

### Weighting

40%

### Length

120 minutes

### Minimum mark or grade

50%

### Exam Conditions

Closed Book.

### Materials

No calculators permitted

Dictionary - non-electronic, concise, direct translation only (dictionary must not contain any notes or comments).

## 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