



# CHIR12006 *Foundations of Chiropractic Practice*

## 4

### Term 2 - 2021

Profile information current as at 27/04/2024 05:54 am

All details in this unit profile for CHIR12006 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 Foundations of Chiropractic 4, you will commence development of manipulative technique setups relative to the spine and pelvis, temporomandibular joints and extremities. You will continue to build your knowledge of functional biomechanics of the spine, pelvis and extremities as you perform further musculoskeletal assessments. Current public health issues and the potential roles of the chiropractic profession will be investigated.

### 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: CHIR12005 & CHIR12004

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 - 2021

- 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. **On-campus Activity**

Weighting: 30%

#### 2. **Portfolio**

Weighting: 30%

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

Weighting: Pass/Fail

#### 4. **Written Assessment**

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 Have Your Say

##### Feedback

Most students reported the practical classes were great for applying theoretical knowledge to develop psychomotor skills.

##### Recommendation

It is recommended that practical labs continue to reinforce both theoretical knowledge and practical skills.

#### Feedback from Have Your Say

##### Feedback

Many students found the unit coordinator and staff in the practical labs were knowledgeable and supportive.

##### Recommendation

It is recommended that all staff provide a positive learning environment where students can ask questions and feel supported in their learning.

#### Feedback from Have Your Say

##### Feedback

Some students felt the questions in the online quizzes and end of term tests could have been written more succinctly.

##### Recommendation

It is recommended that all assessments are peer-reviewed and vetted for clarity of language and requirements for students to answer appropriately.

## Unit Learning Outcomes

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

1. Interpret basic findings and explain the biomechanics of musculoskeletal assessments of the spine, pelvis, temporomandibular joints and extremities to recommend appropriate management
2. Demonstrate manipulative technique setups for full spine and pelvis, temporomandibular joints and extremities at an introductory level
3. Investigate current public health issues and the potential role of the chiropractic profession.

## Alignment of Learning Outcomes, Assessment and Graduate Attributes



### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes		
	1	2	3
1 - On-campus Activity - 30%	•	•	
2 - Portfolio - 30%			•

Assessment Tasks	Learning Outcomes		
	1	2	3
3 - Objective Structured Clinical Examinations (OSCEs) - 0%		•	
4 - Written Assessment - 40%	•		•

### Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes		
	1	2	3
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 - On-campus Activity - 30%	•	•			•		•	•		
2 - Portfolio - 30%	•	•	•	•				•		
3 - Objective Structured Clinical Examinations (OSCEs) - 0%	•	•						•		
4 - Written Assessment - 40%	•	•	•					•		

## Textbooks and Resources

### Textbooks

CHIR12006

#### Prescribed

#### **Chiropractic Technique: Principles and Procedures**

3rd revised edition (2010)

Authors: David H. Peterson and Thomas F. Bergmann

Mosby Elsevier

Philadelphia, PA, USA

ISBN: 9780323049696

Binding: Hardcover

### 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

**Dawn Dane** Unit Coordinator

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

## Schedule

### Week 1 - 12 Jul 2021

Module/Topic	Chapter	Events and Submissions/Topic
<b>Lectures:</b> Welcome to Foundations of Chiropractic Practice 4 -intro to the unit Introduction to the biomechanics of wrist and hand manipulative set ups <b>Practicals:</b> Wrist and Hand practical	Bergmann -evaluation and adjustive procedures (set-ups) for the wrist and hand pages 329-337	

### Week 2 - 19 Jul 2021

Module/Topic	Chapter	Events and Submissions/Topic
<b>Lectures:</b> Introduction to the biomechanics of elbow and knee manipulative set ups <b>Practicals:</b> Elbow and knee practical	Bergmann - evaluation and adjustive procedures (set-ups) for the elbow (pages 319 - 325) and knee (pages 354 - 364)	

### Week 3 - 26 Jul 2021

Module/Topic	Chapter	Events and Submissions/Topic
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**Lectures:**

Introduction to the biomechanics of shoulder manipulative set ups  
 Burden of Musculoskeletal disease in Australia and beyond

**Practicals:**

Shoulder practical

Bergmann - evaluation and adjustive procedures (set-ups) for the shoulder pages 298 - 315

**Week 4 - 02 Aug 2021****Module/Topic****Chapter****Events and Submissions/Topic****Lectures:**

Introduction to the biomechanics of cervical spine manipulative set ups

**Practicals:**

Cervical spine practical

Bergmann - evaluation and adjustive procedures (set-ups) for the Cervical spine pages 162 - 174 and lower cervical spine adjustments pages 180-188 (refer to the practical ppts for specific set ups)

Moodle Quiz Thursday of week 4 opens at 10am and closes at 4pm

**Week 5 - 09 Aug 2021****Module/Topic****Chapter****Events and Submissions/Topic****Lectures:**

Introduction to the biomechanics of thoracic and rib manipulative set ups

**Practicals:**

Thoracic and rib practical

Bergmann - evaluation and adjustive procedures (set-ups) for the Thoracic spine and ribs pages 195 - 232 (refer to the practical ppts for specific set ups)

**Vacation Week - 16 Aug 2021****Module/Topic****Chapter****Events and Submissions/Topic**

No classes

**Week 6 - 23 Aug 2021****Module/Topic****Chapter****Events and Submissions/Topic****Lecture:**

Culture and health - how they are related

Review and mid-term osce

**On-campus activity** Due: Week 6 Friday (27 Aug 2021) 3:00 pm AEST

**Week 7 - 30 Aug 2021****Module/Topic****Chapter****Events and Submissions/Topic****Lectures:**

Introduction to the biomechanics of lumbar spine and pelvis manipulative set ups

**Practicals:**

Lumbar and pelvis practical

Bergmann - evaluation and adjustive procedures (set-ups) for the lumbar spine pages 238 - 266 and for the pelvis 274 - 280 (refer to the practical ppts for specific set ups)

**Week 8 - 06 Sep 2021****Module/Topic****Chapter****Events and Submissions/Topic****Lectures:**

Introduction to the biomechanics of hip manipulative set ups

**Practicals:**

Hip practicals

Bergmann - evaluation and adjustive procedures for the hip pages 344-349

**Week 9 - 13 Sep 2021****Module/Topic****Chapter****Events and Submissions/Topic****Lectures:**

Health promotion

Introduction to the biomechanics of foot and ankle manipulative set ups

**Practicals:**

Foot and ankle practical

Bergmann - evaluation and adjustive procedures for the foot and ankle pages 368- 380

Moodle Quiz Thursday of week 9 opens at 10am and closes at 4pm

**Portfolio** Due: Week 9 Thursday (16 Sept 2021) 4:00 pm AEST

## Week 10 - 20 Sep 2021

Module/Topic	Chapter	Events and Submissions/Topic
<b>Lectures:</b> Introduction to the biomechanics of temporomandibular joint (TMJ) assessment and manipulative set ups <b>Practicals:</b> TMJ practical	Bergmann - evaluation and adjustive procedures for the TMJ pages 288 - 294	

## Week 11 - 27 Sep 2021

Module/Topic	Chapter	Events and Submissions/Topic
<b>Lectures:</b> Culture and health - how health practitioners can play a role <b>Practicals:</b> Review		

## Week 12 - 04 Oct 2021

Module/Topic	Chapter	Events and Submissions/Topic
<b>Final OSCE</b>		<b>OSCE week 12</b> Due: Week 12 Tuesday (5 Oct 2021) 1:00 pm AEST

## Review/Exam Week - 11 Oct 2021

Module/Topic	Chapter	Events and Submissions/Topic
End of term test		<b>End of Term Test</b> Due: Review/Exam Week Wednesday (13 Oct 2021) 1:30 pm AEST

## Exam Week - 18 Oct 2021

Module/Topic	Chapter	Events and Submissions/Topic
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## Assessment Tasks

### 1 On-campus activity

#### Assessment Type

On-campus Activity

#### Task Description

There is a practical examination in the second practical session of Week 6

This on-campus activity will consist of several components.

Week 6 OSCE - components will consist of:

- Performing chiropractic technique manipulative set ups for the cervical spine and upper extremities
- Demonstration of patient assessments including recording your findings
- Appropriate hygiene and consent procedures

#### Assessment Due Date

Week 6 Friday (27 Aug 2021) 3:00 pm AEST

This activity will take place in the second class of week 6. As the classes are not on the same days on the different campuses the due date is set for Friday to ensure all campuses are accounted for.

#### Return Date to Students

Week 7 Friday (3 Sept 2021)

Via Moodle

#### Weighting

30%

#### Minimum mark or grade

50%

#### Assessment Criteria

The assessment criteria for this unit will seek to ensure that this assessment examines your newly

developed clinical skills. A detailed rubric will be provided on Moodle.  
The criteria will examine the following:

- Professionalism and communication with your mock patient
- knowledge and clinical skills - demonstrating manipulative set-ups and patient assessments

### **Referencing Style**

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

### **Submission**

Offline

### **Submission Instructions**

The unit coordinator will enter grades from the marked rubrics.

### **Learning Outcomes Assessed**

- Interpret basic findings and explain the biomechanics of musculoskeletal assessments of the spine, pelvis, temporomandibular joints and extremities to recommend appropriate management
- Demonstrate manipulative technique setups for full spine and pelvis, temporomandibular joints and extremities at an introductory level

### **Graduate Attributes**

- Communication
- Problem Solving
- Team Work
- Cross Cultural Competence
- Ethical practice

## **2 Portfolio**

### **Assessment Type**

Portfolio

### **Task Description**

Your portfolio task will be made up of two quizzes which will occur in week 4 and 9. These quizzes will assess your understanding and knowledge of the theoretical content delivered in the lectures this term. They will be online quizzes and will be open for 6 hours on the Thursday of week 4 and the Thursday of week 9. You will have 30 minutes to complete each quiz. The questions will be written to test your comprehension and application of the material.

### **Assessment Due Date**

Week 9 Thursday (16 Sept 2021) 4:00 pm AEST

Each of the tasks in the portfolio (quizzes in week 4 and 9) will be open from 10am-4pm on the Thursday of weeks 4 and 9. Please ensure you schedule time to complete this task.

### **Return Date to Students**

Week 10 Thursday (23 Sept 2021)

The results will be released via Moodle after all students have completed the task and the quiz is closed.

### **Weighting**

30%

### **Minimum mark or grade**

50%

### **Assessment Criteria**

The assessment criteria will involve selecting or providing the most accurate and correct answers to the questions posed in this end of term test.

### **Referencing Style**

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

### **Submission**

Online

### **Learning Outcomes Assessed**

- Investigate current public health issues and the potential role of the chiropractic profession.



## Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Ethical practice

## 3 OSCE week 12

### Assessment Type

Objective Structured Clinical Examinations (OSCEs)

### Task Description

Week 12 OSCE - components will consist of:

- a) Performing chiropractic technique manipulative set ups for the full spine and lower extremities
- b) Demonstration of patient assessments including recording your findings
- c) Appropriate hygiene and consent procedures

### Assessment Due Date

Week 12 Tuesday (5 Oct 2021) 1:00 pm AEST

The week 12 osce is scheduled on the timetable, it is on Tuesday of week 12. A schedule for timeslots will be distributed via the Moodle forum prior to the week of the OSCEs.

### Return Date to Students

Review/Exam Week Wednesday (13 Oct 2021)

Results will be returned via Moodle

### Weighting

Pass/Fail

### Minimum mark or grade

60%

### Assessment Criteria

The assessment criteria for this unit will seek to ensure that this assessment examines your newly developed clinical skills. A detailed rubric will be provided on Moodle.

The criteria will examine the following:

- Professionalism and communication with your mock patient
- knowledge and clinical skills - demonstrating manipulative set-ups and patient assessments

### Referencing Style

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

### Submission

Offline

### Submission Instructions

The unit coordinator will enter the final grades from the rubrics into Moodle.

### Learning Outcomes Assessed

- Demonstrate manipulative technique setups for full spine and pelvis, temporomandibular joints and extremities at an introductory level

## Graduate Attributes

- Communication
- Problem Solving
- Ethical practice

## 4 End of Term Test

### Assessment Type

Written Assessment

### Task Description

This end of term test will be undertaken in a CQUni computer lab on whichever campus that you are

enrolled. The test will involve a mix of question types including multiple choice, short answer and matching styles. The test will assess all theoretical content taught across weeks 1-12. A study guide will be provided during the term.

**Assessment Due Date**

Review/Exam Week Wednesday (13 Oct 2021) 1:30 pm AEST

The end of term test starts at 11:30am on 13/10/2021 in timetabled computer labs and students will be given until 1:30pm to complete it.

**Return Date to Students**

Exam Week Monday (18 Oct 2021)

Results will be released via Moodle

**Weighting**

40%

**Minimum mark or grade**

50%

**Assessment Criteria**

The assessment criteria will involve selecting or providing the most accurate and correct answers to the questions posed in this end of term test.

**Referencing Style**

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

**Submission**

Online

**Submission Instructions**

This test will take place on your CQUni campus, it will be invigilated and run via Moodle.

**Learning Outcomes Assessed**

- Interpret basic findings and explain the biomechanics of musculoskeletal assessments of the spine, pelvis, temporomandibular joints and extremities to recommend appropriate management
- Investigate current public health issues and the potential role of the chiropractic profession.

**Graduate Attributes**

- Communication
- Problem Solving
- Critical Thinking
- 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