



CHIR11003 *Foundations of Chiropractic Practice*

2

Term 2 - 2023

Profile information current as at 03/05/2024 02:06 pm

All details in this unit profile for CHIR11003 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 follows on from Foundations of Chiropractic Practice 1 (CHIR11001). You will continue to learn the principles and practice of chiropractic within the context of the Australian health care system. You will develop assessment and interpretation skills related to joint motion palpation, muscle testing and gait analysis. The biomechanical principles which underpin these procedures will also be explored and applied within a clinical context.

Details

Career Level: *Undergraduate*

Unit Level: *Level 1*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

Pre-requisites: BMSC11010 OR BMSC11001 and CHIR11001

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 - 2023

- Brisbane

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).

Residential Schools

This unit has a Compulsory Residential School for distance mode students and the details are:

Click here to see your [Residential School Timetable](#).

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: Pass/Fail

2. **Written Assessment**

Weighting: 50%

3. **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 SUTE

Feedback

Students would appreciate video resources demonstrating the practical activities

Recommendation

It is recommended that the unit coordinator create some video resources to assist students.

Feedback from SUTE

Feedback

Some students have expressed a desire for more immediate feedback on their OSCE scores.

Recommendation

It is recommended that the unit coordinator explore ways to improve the feedback process for students.

Unit Learning Outcomes

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

1. Describe the principles, practice and role of the chiropractic profession within the Australian Health Care system
2. Demonstrate introductory psychomotor assessment skills and interpret the findings in the areas of joint motion palpation, muscle testing and gait analysis
3. Describe the biomechanical principles which underpin the practice of motion palpation, muscle testing and gait analysis procedures.

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
1 - On-campus Activity - 0%	•	•	•
2 - Written Assessment - 50%	•		•
3 - Practical Assessment - 50%		•	

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			

Textbooks and Resources

Textbooks

There are no required textbooks.

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

Schedule

Week 1 - 10 Jul 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lectures: Introduction to CHIR11003 Introduction to professionalism and documentation Anatomy, myology, and biomechanics of the wrist and hand	Bergmann - pages 329-333 Evaluation of the wrist Vizniak - chapter on forearm and hand	
Practical: Motion palpation and muscle testing of the hand and wrist		

Week 2 - 17 Jul 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lectures: Introduction to motion palpation Anatomy, myology, and biomechanics of the elbow and forearm	Bergmann - evaluation of the elbow pages 319-322 Vizniak - chapter on forearm and hand	
Practical: Motion palpation and muscle testing of the elbow and forearm		

Week 3 - 24 Jul 2023

Module/Topic	Chapter	Events and Submissions/Topic
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Lectures:

Introduction to muscle testing
Anatomy, myology, and biomechanics of the shoulder girdle

Bergmann - evaluation of the shoulder pages 298-302 and images on 303 and 304

Practical:

Motion palpation (Glenohumeral, AC and SC joint) and muscle testing of the shoulder

Vizniak - chapter on shoulder and arm

Week 4 - 31 Jul 2023

Module/Topic	Chapter	Events and Submissions/Topic
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Lectures:

Anatomy, myology, and biomechanics of the cervical spine

Bergmann - evaluation of the cervical spine pages 162 -170

Practical:

Motion palpation and muscle testing of the cervical spine

Vizniak - chapter on neck

Week 5 - 07 Aug 2023

Module/Topic	Chapter	Events and Submissions/Topic
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Lectures:

Anatomy, myology, and biomechanics of the thoracic spine and ribs

Bergmann - evaluation of the thoracic spine pages 195-200

Practical:

Motion palpation and muscle testing of the thoracic spine and ribs

Vizniak - chapter on torso and back

Vacation Week - 14 Aug 2023

Module/Topic	Chapter	Events and Submissions/Topic
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No classes or lectures

Week 6 - 21 Aug 2023

Module/Topic	Chapter	Events and Submissions/Topic
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Practical:

Review weeks 1-5 practical content
Midterm OSCE

Week 7 - 28 Aug 2023

Module/Topic	Chapter	Events and Submissions/Topic
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Lectures:

Chiropractic the profession in Australia
Anatomy, myology, and biomechanics of the lumbar spine

Bergmann - evaluation of the lumbar spine pages 238-245

Practical:

Motion palpation and muscle testing of the lumbar spine

Vizniak - chapter on torso and back

Week 8 - 04 Sep 2023

Module/Topic	Chapter	Events and Submissions/Topic
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Lectures:

Anatomy, myology, and biomechanics of the pelvis and hip

Bergmann - hip evaluation pg344-346

Practical:

Motion palpation and muscle testing of the pelvis and hip

Vizniak - chapter on hip and thigh

Week 9 - 11 Sep 2023

Module/Topic	Chapter	Events and Submissions/Topic
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Lectures:

Anatomy, myology, and biomechanics of the knee and thigh

Bergmann - knee evaluation pages 354-358

Practical:

Motion palpation and muscle testing of the knee and thigh

Vizniak - chapter on hip and thigh

Week 10 - 18 Sep 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lectures: Anatomy, myology, and biomechanics of the foot and ankle Practical: Motion palpation and muscle testing of the foot and ankle	Bergmann - evaluation of the foot and ankle pages 368-371 and images on 372 Vizniak - chapter on leg, ankle and foot	

Week 11 - 25 Sep 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lectures: Introduction to normal gait Practical: Gait analysis Review	Bergmann - gait evaluation pages 367-368 plus image on 369	On-Campus Activity Due: Week 11 Friday (29 Sept 2023) 12:00 pm AEST

Week 12 - 02 Oct 2023

Module/Topic	Chapter	Events and Submissions/Topic
OSCE		Practical assessment Due: Week 12 Wednesday (4 Oct 2023) 12:00 pm AEST

Review/Exam Week - 09 Oct 2023

Module/Topic	Chapter	Events and Submissions/Topic
End of term test		End of Term Test Due: Review/Exam Week Thursday (12 Oct 2023) 9:00 am AEST

Exam Week - 16 Oct 2023

Module/Topic	Chapter	Events and Submissions/Topic
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Assessment Tasks

1 On-Campus Activity

Assessment Type

On-campus Activity

Task Description

During most practical classes there will be an associated on-campus activity. These will be a mix of activities but could and will include things like demonstrating clinical skills learned during the last class, participating in a discussion on the weekly theoretical topic, using the anatomical models in class to locate landmarks or other similar activities. These activities are designed to develop your clinical skills and theoretical knowledge. The tasks will be completed during the first 10-15 minutes of each class. You will be provided with an on-campus activity sheet which you will be required to bring to each class and upon completion of the activity have your in-class tutor sign and date it. It is your responsibility to ensure this sheet is completed and kept safe as it is proof of completion. Once you have completed the assessment you will need to upload the sheet to Moodle. This assignment requires 80% to pass. Please note, this is a pass/fail assessment task that means if you do not achieve a pass for this task you will not pass the unit. Supplementary assessments are not available for pass/fail assessment items.

Assessment Due Date

Week 11 Friday (29 Sept 2023) 12:00 pm AEST

You are required to upload your signed on-campus activity tracker sheet after the last activity

Return Date to Students

Week 12 Friday (6 Oct 2023)

You will receive verbal formative feedback following each activity during the term and your final result will be confirmed through Moodle.

Weighting

Pass/Fail

Minimum mark or grade

completion of 80% of the tasks during the allocated class time

Assessment Criteria

The assessment criteria for this assessment task will involve completing 80% of the on-campus activities.

These activities will involve and be assessed on the following:

- Completing a task (additional details of the weekly activities can be found on Moodle)
- Receiving formative feedback
- Participating in group discussions
- Having the on-campus activity sheet signed after each activity
- Uploading the on-campus activity sheet to Moodle at the end of week 11

Referencing Style

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

Submission

Online

Submission Instructions

via Moodle

Learning Outcomes Assessed

- Describe the principles, practice and role of the chiropractic profession within the Australian Health Care system
- Demonstrate introductory psychomotor assessment skills and interpret the findings in the areas of joint motion palpation, muscle testing and gait analysis
- Describe the biomechanical principles which underpin the practice of motion palpation, muscle testing and gait analysis procedures.

2 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 Thursday (12 Oct 2023) 9:00 am AEST

This test is scheduled on your timetable for week 13, it starts at 9:00am and finishes at 10:30am

Return Date to Students

Exam Week Friday (20 Oct 2023)

Any short answer questions that require moderation will be marked by hand so the results will be released one week later and or when the test has been completed by all students and is closed.

Weighting

50%

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 in a computer lab on your campus

Learning Outcomes Assessed

- Describe the principles, practice and role of the chiropractic profession within the Australian Health Care system
- Describe the biomechanical principles which underpin the practice of motion palpation, muscle testing and gait analysis procedures.

3 Practical assessment

Assessment Type

Practical Assessment

Task Description

These practical examinations will take place in the second practical session of Weeks 6 and 12.

Each is worth 25% of the total grade for this unit for a total of 50%.

Each practical examination will consist of several components. Students must obtain a total of 50% or more to pass the practical assessment.

Week 6 OSCE - components may consist of:

- a) Performing muscle tests on muscles of the upper limb, cervical and thoracic spine and recording your findings
- b) Demonstrate motion palpation of the joints of the upper limb, cervical and or thoracic spine and recording your findings
- c) Appropriate hygiene and consent procedures

Week 12 OSCE - may consist of:

- a) Performing muscle tests on muscles of the lower limb, lumbar spine and pelvis and recording your findings
- b) Demonstrate motion palpation of the joints of the lower limb, lumbar spine and pelvis and recording your findings
- c) Perform gait analysis
- d) Appropriate hygiene and consent procedures

For noting, all OSCEs will be video recorded for moderation purposes. Recordings will not be made available for general review but may be accessed by staff to ensure grades were awarded fairly.

Assessment Due Date

Week 12 Wednesday (4 Oct 2023) 12:00 pm AEST

The osces (weeks 6 and 12) will take place during the second class of each week during normal class time. A schedule will be released the week before with your allocated timeslot in the same way it was in term 1.

Return Date to Students

Review/Exam Week Wednesday (11 Oct 2023)

Results will be released one week later via Moodle.

Weighting

50%

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
- Clinical skills/knowledge - muscle tests, motion palpation, gait analysis and documentation

Referencing Style

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

Submission

Offline

Submission Instructions

Students will be graded by staff during the OSCEs and the Unit Coordinator will submit the grades

Learning Outcomes Assessed

- Demonstrate introductory psychomotor assessment skills and interpret the findings in the areas of joint motion palpation, muscle testing and gait analysis

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