CHIR12006 *Foundations of Chiropractic Practice 4*

Term 2 - 2023

Profile information current as at 12/10/2024 06:05 pm

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 - 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).

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 SUTE

Feedback

The students enjoyed the updated videos and images for setups, although would like more.

Recommendation

It is recommended that additional new videos and images for each weekly topic be recorded.

Feedback from SUTE

Feedback

The students found the subject enjoyable and the staff positive and encouraging.

Recommendation

It is recommended that staff continue to create an engaging and positive learning environment.

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

— N/A Level | ◦ Introductory Level | • Intermediate Level | • Graduate Level | ◦ Professional Level | ◦ Advanced Level

Alignment of Assessment Tasks to Learning Outcomes

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

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

Bianca Zietsman Unit Coordinator
b.zietsman@cqu.edu.au

Schedule

Week 1 - 10 Jul 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lectures: 1. Welcome to Foundations of Chiropractic Practice 4: Introduction 2. Introduction to the biomechanics of wrist and hand manipulative set ups **Practicals:** 1. Wrist and Hand practical	Bergmann, T "Chiropractic Technique; Principles and Procedures, 3rd edition" -evaluation and adjustive procedures (set-ups) for the wrist and hand pages 329-337	

Week 2 - 17 Jul 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lectures: 1. Introduction to the biomechanics of elbow and knee manipulative set ups **Practicals:** 1. Elbow and knee practical	Bergmann, T "Chiropractic Technique; Principles and Procedures, 3rd edition" - evaluation and adjustive procedures (set-ups) for the elbow (pages 319 - 325) and knee (pages 354 - 364)	

Week 3 - 24 Jul 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lectures: 1. Introduction to the biomechanics of shoulder manipulative set ups 2. Burden of Musculoskeletal disease in Australia and beyond **Practicals:** 1. Shoulder practical	Bergmann, T "Chiropractic Technique; Principles and Procedures, 3rd edition" - evaluation and adjustive procedures (set-ups) for the shoulder pages 298 - 315	

Week 4 - 31 Jul 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lectures: 1. Introduction to the biomechanics of cervical spine manipulative set ups **Practicals:** 1. Cervical spine practical	Bergmann, T "Chiropractic Technique; Principles and Procedures, 3rd edition" (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)	**Portfolio : Moodle Quiz 1** Thursday of week 4 and opens at 14:00 AEST and closes at 21:00 AEST

Week 5 - 07 Aug 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lectures: 1. Introduction to the biomechanics of temporomandibular joint (TMJ) assessment and manipulative set ups **Practicals:** 1. TMJ practical	Bergmann, T "Chiropractic Technique; Principles and Procedures, 3rd edition" evaluation and adjustive procedures for the TMJ pages 288 - 294	

Vacation Week - 14 Aug 2023

Module/Topic	Chapter	Events and Submissions/Topic

Week 6 - 21 Aug 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: 1. Culture and health - how they are related **Practical:** 1. Review 2. Mid-term OSCE		**OSCE 1-** Due: week 6 second practical class, individual timeslot will be released on moodle ahead of time. **On-campus activity** Due: Week 6 Friday (25 Aug 2023) 11:45 pm AEST

Week 7 - 28 Aug 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lectures: 1. Introduction to the biomechanics of thoracic and rib manipulative set ups **Practicals:** 1. Thoracic and rib practical	Bergmann, T "Chiropractic Technique; Principles and Procedures, 3rd edition" evaluation and adjustive procedures (set-ups) for the Thoracic spine and ribs pages 195 - 232 (refer to the practical ppts for specific set ups)	

Week 8 - 04 Sep 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lectures: 1. Introduction to the biomechanics of lumbar spine and pelvis manipulative set ups **Practicals:** 1. Lumbar and pelvis practical	Bergmann, T "Chiropractic Technique; Principles and Procedures, 3rd edition" evaluation and adjustive procedures (set-ups) for the lumbar spine pages 238 - 266 and for the pelvis 274 - 280	

Week 9 - 11 Sep 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lectures: 1. Introduction to the biomechanics of hip manipulative set ups **Practicals:** 1. Hip practical	Bergmann, T "Chiropractic Technique; Principles and Procedures, 3rd edition" evaluation and adjustive procedures for the hip pages 344-349	**Portfolio: Infographic Poster** Due: Thursday 17:00 pm of week 9 (14th September)

Week 10 - 18 Sep 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lectures: 1. Health promotion 2. Introduction to the biomechanics of foot and ankle manipulative set ups **Practicals:** 1. Foot and ankle practical	Bergmann, T "Chiropractic Technique; Principles and Procedures, 3rd edition"- evaluation and adjustive procedures for the foot and ankle pages 368- 380	

Week 11 - 25 Sep 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lectures: 1. Culture and health - how health practitioners can play a role **Practicals:** Review		

Week 12 - 02 Oct 2023

Module/Topic	Chapter	Events and Submissions/Topic

Practical: OSCE 2		**OSCE 2-** Due: week 12 first practical class timeslot, individual timeslot will be released on moodle ahead of time. **OSCE week 12** Due: Week 12 Wednesday (4 Oct 2023) 11:45 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 13 Date: 10th October 10:00-12:00 Location: BNE 1/1.06 & 1/1.07 Please note this is an in person test and will be invigilated by a member of the chiropractic team.

Exam Week - 16 Oct 2023

Module/Topic	Chapter	Events and Submissions/Topic

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:
a) Performing chiropractic technique manipulative set ups for the cervical spine and upper extremities
b) Demonstration of patient assessments including recording your findings
c) Appropriate hygiene and consent procedures
Please note; all practical assessments will be video recorded for moderation purposes. Recordings will not be made available for general review but will be accessed by staff to ensure grades are appropriately awarded.

Assessment Due Date
Week 6 Friday (25 Aug 2023) 11:45 pm AEST

This activity will take place in the second class of week 6 with the results released to students by 5pm on Friday.

Return Date to Students
Week 6 Friday (25 Aug 2023)

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
- Ethical practice

Referencing Style

- American Psychological Association 7th Edition (APA 7th edition)

Submission
Offline

Submission Instructions
The unit coordinator will enter grades from the marked rubrics.

assessmentOutcome

- 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

assessmentGradAttribute

- 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 parts, worth 15% each:
a) One online quiz which will occur on Thursday of week 4 (3rd August 2023). It will be open for 6 hours (14:00-20:00 AEST) and you will have 30 minutes to complete it. The quiz will assess your understanding and knowledge of the theoretical content delivered in the lectures this term. The questions will be written to test your comprehension and application of the material.
b) One infographic poster which will be due on Thursday of week 9 (14th September 2023) at 17:00 AEST. The Infographic is a visual (graphic) representation of data and knowledge (info) designed to present complex ideas quickly and clearly while following a narrative set out individually to students. There will be a full marking rubric provided to the students.
These tasks will assess the following:
· Problem solving and critical thinking.
· Information literacy and communication.

Assessment Due Date

Each of the tasks in the portfolio will be due on Thursday of weeks 4 and 9. Please ensure you schedule time to complete this task.

Return Date to Students

a) The results of the quiz will be released via Moodle after all students have completed the task and the quiz is closed; b) the portfolio part b will be individually hand marked and returned within 2 weeks to students.

Weighting
30%

Minimum mark or grade
50%

Assessment Criteria
Part a) The assessment criteria will involve selecting or providing the most accurate and correct answers to the questions posed in the quiz.
Part b) The infographic will be marked against the following domains: content, graphics, design, representation, writing and references. A full detailed marking rubric will be provided to students at the start of term.

Referencing Style

- American Psychological Association 7th Edition (APA 7th edition)

Submission
Online

Submission Instructions
Please ensure you attach a marking rubric with your infographic

assessmentOutcome

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

assessmentGradAttribute

- 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
Please note; all practical assessments will be video recorded for moderation purposes. Recordings will not be made available for general review but will be accessed by staff to ensure grades are appropriately awarded.

Assessment Due Date
Week 12 Wednesday (4 Oct 2023) 11:45 pm AEST

A schedule for timeslots will be distributed via the Moodle forum prior to the week of the OSCEs.

Return Date to Students
Week 12 Friday (6 Oct 2023)

Results will be returned via Moodle

Weighting
Pass/Fail

Minimum mark or grade
65%

Assessment Criteria
The assessment criteria for this task will 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.

assessmentOutcome

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

assessmentGradAttribute

- 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.

Assessment Due Date

The end of term test starts at 10:00 AEST on 10/10/2023 in timetabled computer labs and will be given 90 minutes to complete

Return Date to Students

Results will be released via Moodle within 14 days

Weighting
40%

Minimum mark or grade
50%

Assessment Criteria
This is quiz will assess your comprehension and application of the content delivered across the 12 weeks of term. You will undertake the test in a computer lab and the multiple choice questions will be automatically marked by Moodle while the short answer questions will be marked by the UC. The assessment criteria will involve selecting or providing the correct answers and communicating your answers clearly in written form.

Referencing Style

- American Psychological Association 7th Edition (APA 7th edition)

Submission
Online

Submission Instructions
This test will take place on your CQUni campus in a computer lab, it will be invigilated by a chiropractic staff member and run via Moodle.

assessmentOutcome

- 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.

assessmentGradAttribute

- 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