



CHIR11003 *Foundations of Chiropractic Practice*

2

Term 2 - 2020

Profile information current as at 13/12/2025 03:56 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-requisite: 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 - 2020

- 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: Pass/Fail

2. **Practical Assessment**

Weighting: 50%

3. **Written 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

Some students commented that the audio on a minority of the recordings was of poor quality.

Recommendation

The unit coordinator will record all lectures for the unit in advance, allowing adequate time to check on the quality of the recordings.

Feedback from "Have your say"

Feedback

Feedback from practical supervisors during class could be improved.

Recommendation

A workbook setting out week by week, clear expectations for students and staff will be constructed for use in 2020. This will include a requirement for supervisors to comment on student progress.

Feedback from "Have your say"

Feedback

Students stated they enjoyed the content of the practical classes.

Recommendation

Every effort is made to make practical classes as authentic to the realities of chiropractic practice, as possible. This approach will be maintained in future classes.

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



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			

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 - 0%		•	•	•	•	•	•	•		
2 - Written Assessment - 50%			•	•	•	•				
3 - Practical Assessment - 50%	•	•			•		•	•		

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)
- You must have access to Zoom and a functioning web camera

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 Introduction to FCP2 - 13 Jul 2020

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: Introduction and review of CHIR11001; Introduction to joint anatomy and basic biomechanics Practical: Review of FCP1 material		

Week 2 Cervical Spine - 20 Jul 2020

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: Biomechanics of cervical spine; Occiput and Cervical spine range of motion and muscle testing Practical: Cervical musculature testing and motion palpation skill development of the cervical spine.	Bergmann, T " <i>Chiropractic Technique; Principles and Procedures, 3rd edition</i> " page 145-170 Vizniak, N " <i>Muscle Manual, 2nd Edition</i> " page 90-98; 105-113	Bergmann Videos: 5-110; 5-57; 5.61A - 5.73C Online Quiz #1

Week 3 Thoracic Spine - 27 Jul 2020

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: Biomechanics of thoracic spine ; Thoracic spine range of motion and muscle testing Practical: Thoracic musculature testing and motion palpation skill development of the thoracic spine.	Bergmann, T " <i>Chiropractic Technique; Principles and Procedures, 3rd edition</i> " page 188-195 Vizniak, N " <i>Muscle Manual, 2nd Edition</i> " page 130-142	Bergmann Videos: 5.10 - 5.141

Week 4 Lumbar Spine - 03 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: Biomechanics of lumbar spine; Lumbar spine range of motion and muscle testing Practical: Lumbar musculature testing and motion palpation skill development of the lumbar spine.	Bergmann, T " <i>Chiropractic Technique; Principles and Procedures, 3rd edition</i> " page 233-244 Vizniak, N " <i>Muscle Manual, 2nd Edition</i> " page 168-180	Bergmann Videos: 5.09; 5.218 - 5.228A Online Quiz #2

Week 5 Pelvis - 10 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: Biomechanics of pelvis; Sacroiliac and pelvic range of motion and muscle testing Practical: Motion palpation skill development of the sacroiliac region.	Bergmann, T " <i>Chiropractic Technique; Principles and Procedures, 3rd edition</i> " page 262-274	Bergmann Videos: 5.09; 5.273- 5.280i

Study Week / Vacation Week - 17 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
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Week 6 Mid-Term Practical OSCE - 24 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: Current Contemporary Status and Recognition of Chiropractic in Australia Practical: Mid term OSCE examination		MID -TERM OSCE (as either in class or on video submission) Mid and end of term practical OSCE assessments Due: Week 6 Friday (28 Aug 2020) 5:00 pm AEST

Week 7 Shoulder and Elbow - 31 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: Biomechanics of shoulder and elbow; Shoulder and elbow range of motion and muscle testing Practical: Shoulder and elbow musculature testing and fluid/accessory motion palpation skill development of the shoulder and elbow.	Bergmann, T " <i>Chiropractic Technique; Principles and Procedures, 3rd edition</i> " page 294-300; 315-320 Vizniak, N " <i>Muscle Manual, 2nd Edition</i> " page 202-224	Online Quiz #3

Week 8 Wrist and Hand - 07 Sep 2020

Module/Topic	Chapter	Events and Submissions/Topic
Lectures: Biomechanics of wrist and hand; Wrist and hand range of motion and muscle testing Practical: Wrist and hand musculature testing and fluid/accessory motion palpation skill development of the wrist and hand	Bergmann, T " <i>Chiropractic Technique; Principles and Procedures, 3rd edition</i> " page 326-331 Vizniak, N " <i>Muscle Manual, 2nd Edition</i> " page 240-282	

Week 9 Hip and Knee - 14 Sep 2020

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: Biomechanics of hip and knee; Hip and knee range of motion and muscle testing Practical: Hip and knee musculature testing and fluid/accessory motion palpation skill development of the hip and knee	Bergmann, T " <i>Chiropractic Technique; Principles and Procedures, 3rd edition</i> " page 337-343; 349-356 Vizniak, N " <i>Muscle Manual, 2nd Edition</i> " page 302-344	Online quiz #4

Week 10 Ankle and Foot - 21 Sep 2020

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: Biomechanics of ankle and foot; Ankle and foot range of motion and muscle testing Practical: Ankle and foot musculature testing and fluid/accessory motion palpation skill development of the ankle and foot	Bergmann, T " <i>Chiropractic Technique; Principles and Procedures, 3rd edition</i> " page 365-370 Vizniak, N " <i>Muscle Manual, 2nd Edition</i> " page 360-385	

Week 11 Gait Analysis - 28 Sep 2020

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: Introduction to gait analysis; G.A.L.S. Practical: Gait and GALS assessment tools	Bergmann, T " <i>Chiropractic Technique; Principles and Procedures, 3rd edition</i> " page 55-56 Vizniak, N " <i>Muscle Manual, 2nd Edition</i> " page x-xiv	Online quiz #5 On-Campus Activity and/or Weekly Quizzes Due: Week 11 Friday (2 Oct 2020) 5:00 pm AEST

Week 12 Review week - 05 Oct 2020

Module/Topic	Chapter	Events and Submissions/Topic
Review		FINAL OSCE (in-class associated with intensives or after restrictions lifted)

Review/Exam Week - 12 Oct 2020

Module/Topic	Chapter	Events and Submissions/Topic
		Online Final Test Due: Review/Exam Week Friday (16 Oct 2020) 11:45 pm AEST

Exam Week - 19 Oct 2020

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

Due to COVID-19 impacts at the time of preparing this unit profile, the practical sessions for this unit for Term 2 2020 have been affected and may need to be completed at a later date as an intensive practical session. Further details will be made available on the unit Moodle site in due course.

Assessment Tasks

1 On-Campus Activity and/or Weekly Quizzes

Assessment Type

On-campus Activity

Task Description

Students must complete weekly activities as prescribed in the weekly practical sheets or workbook as you develop your key chiropractic muscle testing and motion palpation skills and learn to appreciate the role of biomechanics in chiropractic assessment. Completion of each task should be confirmed by your practical supervisor each week or when appropriate.

In addition, there will be on-line quizzes in this unit which ultimately are intended to provide you with formative feedback. These will be multiple choice question format, which will vary in expectations, typically with one correct answer only, based on material from previous or current week's lectures. It is essential that you review the material before attempting the quizzes. The date and time will be scheduled **five (5)** times throughout the term with the dates shown on Moodle in due course.

Assessment Due Date

Week 11 Friday (2 Oct 2020) 5:00 pm AEST

There will be multiple online quizzes throughout the term up until the due date at the end of week 11. Return To Students Information

Return Date to Students

Week 12 Friday (9 Oct 2020)

Formative feedback can be available in the subsequent ZOOM session after each quiz (with the exception after quiz #5).

Weighting

Pass/Fail

Minimum mark or grade

Pass/Fail for this activity overall. However, to achieve a 'Pass', you will need to achieve an accumulative minimum grade of 70% overall.

Assessment Criteria

Activities will be reviewed/discussed after the quizzes in the ZOOM sessions thus providing additional formative feedback. You will be assessed on the lecture and theoretical application of the unit material.

Referencing Style

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

Submission

Online

Submission Instructions

You will be able to attempt the quizzes over a specific allocated time period (date) but must be completed within the allocated time limits. Conditions

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.

Graduate Attributes

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

2 Mid and end of term practical OSCE assessments

Assessment Type

Practical Assessment

Task Description

Please note that you must obtain a pass grade (70%) or greater in each section of the practical examination concerned in order to obtain an overall pass grade for each practical examination.

The objective structured clinical exam (OSCE) in CHIR11003, will be made up of mid-Term and Final assessments. You will be expected to perform competently on the material as presented in the practical sessions of this unit. The mid-Term OSCE (20% in week 6 conducted during class time) will assess the material components from weeks 1-5 of the unit; the final OSCE (30% in week 12) will assess predominately weeks 7-11 but will include the entire term.

In practice, the chiropractor is required to combine a variety of clinical skills in which all techniques must be mastered. You will be required to complete or demonstrate appropriate consent, hygiene, professionalism and various technical aspects in a specified time period.

At the time of this writing:

The Mid term practical assessment: 20% of the total unit grade. This will take place in Week 6 of the academic semester. The assessment is expected to take the form of an online video submission of practical skills by each student covering material from Week 1 to Week 5 of the term. The format for assessment may change, as determined by University and Government policy. Students will be advised of changes via the Moodle site for the unit and via student email.

End of term practical assessment: 30% of the total unit grade. This will cover material from Week 1 to Week 11 of the term. The date for this assessment will be announced at a later point but will likely take place as part of an on site practical intensive following completion of the term. Students will be advised of changes via the Moodle site for the unit and via student email.

The assessment for the OSCE will be conducted as indicated above, if restrictions are lifted. If not, then they will be conducted during an intensive training period, as yet TBA.

Assessment Due Date

Week 6 Friday (28 Aug 2020) 5:00 pm AEST

Return Date to Students

Week 7 Friday (4 Sept 2020)

Non-endorsed results can be accessed via Moodle Gradebooks but only until immediately before the commencement of the final written examinations. The OSCE results will be released at the same time as the final written examination.

Weighting

50%

Minimum mark or grade

70%

Assessment Criteria

Students must demonstrate competence in motion palpation, muscle testing, gait and G.A.L.S .

Mid-Term OSCE Assessment Criteria:

You will need to demonstrate competence in performing muscle testing and motion palpation skills of the spine and pelvis. Your performance will be graded, using a marking rubric, according to introduction, hygiene and consent; performance of various tasks to the spinal regions; patient handling; technical performance and the examiner's overall impression of the fluidity of the overall performance.

Final OSCE Assessment Criteria:

You will need to demonstrate competence in performing gait, G.A.L.S., as well as muscle testing and motion palpation skills of the upper, lower limbs, spine and pelvis. Your performance will be graded, using a marking rubric, according to introduction, hygiene and consent; performance of various tasks to the spinal regions; patient handling; technical performance and the examiner's overall impression of the fluidity of the overall performance.

Referencing Style

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

Submission

No submission method provided.

Learning Outcomes Assessed

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

Graduate Attributes

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

3 Online Final Test

Assessment Type

Written Assessment

Task Description

The end of term examination has now be changed to an alternate form of assessment. Further details will be available on the Moodle site.

Assessment Due Date

Review/Exam Week Friday (16 Oct 2020) 11:45 pm AEST

The date is TBA and will be determined by the Examination Unit timetabling team

Return Date to Students

Exam Week Friday (23 Oct 2020)

The date will be determined by the Examination Unit timetabling team and release after endorsement of grades.

Weighting

50%

Minimum mark or grade

50%

Assessment Criteria

The final exam will cover all material presented in the lectures and practical classes as well as general information provided on the eReading list for CHIR11003.

Referencing Style

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

Submission

Online

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.

Graduate Attributes

- Critical Thinking
- Information Literacy
- Team Work
- Information Technology Competence

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