



CHIR11003 *Foundations of Chiropractic Practice*

2

Term 2 - 2018

Profile information current as at 02/05/2024 07:06 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.

Corrections

Unit Profile Correction added on 02-08-18

The end of term examination for CHIR11003 will last for 120 minutes.

General Information

Overview

This unit follows on from Foundations of Chiropractic Practice 1. You will learn the principles and practice of chiropractic within the context of the Australian health care system. You will further develop your muscle testing, in addition to your psychomotor skills in manipulative/adjusting techniques. You will learn basic musculoskeletal assessment protocols, beginning with observation (postural analysis), gait analysis and movement (passive and active range of motion), while continuing to develop your palpation skills. Throughout the unit, you will need to apply your knowledge of related functional anatomy, physics and biomechanics to chiropractic.

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 - 2018

- Brisbane
- Mackay
- Melbourne
- 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. **Examination**

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 Moodle survey and emails

Feedback

Students across the campuses reported a supportive and enjoyable learning environment for the practical sessions.

Recommendation

The faculty across the campuses are very pleased that the students enjoyed the on-campus time and will continue to offer a supportive student centered learning environment.

Feedback from Moodle survey

Feedback

Students reported that the lecture powerpoints and learning resources were clear and useful for study purposes, though some students would have appreciated recordings to go with the lectures. Others suggested further improvement could be achieved by working on the radiography within the unit.

Recommendation

The unit coordinator is pleased that the new material was useful for the students. Lecture recordings are being created and the radiographic anatomy is being reformatted in preparation for the next offering of this unit.

Feedback from Moodle survey

Feedback

Assessments tasks were clearly explained, adequate time was given to prepare and they were run well when delivered. The formative quizzes and activities also helped students to engage with the content.

Recommendation

The unit coordinator is happy that the formative quizzes were helpful and the assessment tasks were appropriately managed for students to engage with them.

Unit Learning Outcomes

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

1. Explain the relevance of the principles and practice of chiropractic.
2. Apply your psychomotor skills to adjusting/manipulative set-ups at an intermediate level.
3. Perform soft tissue therapeutic procedures and non-force techniques at an intermediate level.
4. Test the function of a range of muscles and muscle groups.
5. Analyse findings from musculoskeletal assessment protocols such as observation, range of movement and palpation.
6. Describe the scope of chiropractic practice within the context of the Australian Health care system.

Alignment of Learning Outcomes, Assessment and Graduate Attributes



Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes					
	1	2	3	4	5	6
1 - On-campus Activity - 0%		•	•	•	•	

Assessment Tasks	Learning Outcomes					
	1	2	3	4	5	6
2 - Practical Assessment - 50%		•	•	•	•	
3 - Examination - 50%	•				•	•

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes					
	1	2	3	4	5	6
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 - Practical Assessment - 50%	•	•						•		
3 - Examination - 50%	•	•		•						

Textbooks and Resources

Textbooks

CHIR11003

Prescribed

Chiropractic Technique : Principles and Procedures

Edition: 3rd ed (2010)

Authors: Bergmann , Thomas & Peterson , D

Elsevier

Sydney , NSW , Australia

ISBN: 9780323049696

Binding: Paperback

CHIR11003

Prescribed

Muscle Manual Textbook

Authors: Vizniak, N

Professional Health Systems

Toronto , CA

ISBN: 9780973274226

Binding: Spiral

CHIR11003

Supplementary

Muscle Manual Student Workbook / Lab Manual

Authors: Vizniak,N

Professional Health Systems

Toronto , CA

ISBN: 9780973274233

Binding: Spiral

Additional Textbook Information

If you prefer to personally register and subscribe to prohealth's online program for the duration of the term that is also acceptable (link will be provided on moodle). You will have access to formative activities, videos and the digital version of the muscle manual.

Bergman is the prescribed text book for CHIR11001, CHIR11003, CHIR12005 & CHIR12006.

[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: [American Psychological Association 6th Edition \(APA 6th edition\)](#)

For further information, see the Assessment Tasks.

Teaching Contacts

Dawn Dane Unit Coordinator

d.dane@cqu.edu.au

Schedule

Week 1 - 09 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
Lectures: Introduction to record keeping Introduction to cervical spine muscles Practical: Cervical Spine -Introduction to motion palpation with documentation and muscle testing	Bergmann - Chiropractic Technique pp 152-169 (Cervical Spine) Vizniak - Muscle Manual - pp 74 - 105 (Cervical Spine)	

Week 2 - 16 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: Introduction to biomechanics and functional anatomy - tissues and tissue loading Practical: Cervical spine -introduction to soft tissue work and combined clinical examination including recording observations (*,O, R, P, *, M, *,*,*)	Bergmann - Chiropractic Technique pp 152-169 (Cervical Spine) Vizniak - Muscle Manual - pp 74 - 105 (Cervical Spine) Additional resources available on Moodle	

Week 3 - 23 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
Lectures: Introduction to vitalism and mechanism Introduction to thoracic muscles Practical: Thoracic spine -introduction to motion palpation with documentation and muscle testing	Bergmann - pp 188 - 200 (Thoracic Spine) Vizniak - pp 109 - 151 (Torso and Back) Additional resources will be available on Moodle	

Week 4 - 30 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: Introduction to biomechanics and functional anatomy of the spine Introduction to lumbar muscles Practical: Lumbar spine -introduction to motion palpation with documentation and muscle testing	Bergmann - pp 233- 245 (Lumbar Spine) Vizniak - pp 109 - 151 (Torso and Back) Additional resources will be available on Moodle	

Week 5 - 06 Aug 2018

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: Introduction to contemporary philosophy Practical: Thoracic and lumbar spine - introduction to soft tissue work and combined clinical examination including recording observations (*,O, R, P, *, M, *,*,*)	Bergmann - pp 188 - 200 (Thoracic Spine), pp 233- 245 (Lumbar Spine) Vizniak - pp 109 - 151 (Torso and Back) Additional resources will be available on Moodle	Formative Moodle quiz AND submission of on-campus activities week 1-5

Vacation Week - 13 Aug 2018

Module/Topic	Chapter	Events and Submissions/Topic
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Week 6 - 20 Aug 2018

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: Introduction to the biomechanics of the extremities Practical: Review of spinal motion palpation, muscle testing, soft tissue and combined examination AND 2nd class of the week mid-term OSCE		Week 6 OSCE second class of the week

Week 7 - 27 Aug 2018

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: Introduction to upper limb muscles Practical: Upper limb -introduction to motion palpation with documentation and muscle testing	Bergmann - pp 294-302 (Shoulder), pp 315-321 (Elbow), and pp 326-333 (Wrist and hand) Vizniak - pp 154 - 189 (Upper Arm) and pp 192 - 243 (Forearm and Hand) Additional resources will be available on Moodle	

Week 8 - 03 Sep 2018

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: Introduction to evidence informed healthcare Practical: Upper Limb -introduction to soft tissue work and combined clinical examination including recording observations (*,O, R, P, *, M, *,*,*)	Bergmann - pp 294-302 (Shoulder), pp 315-321 (Elbow), and pp 326-333 (Wrist and hand) Vizniak - pp 154 - 189 (Upper Arm) and pp 192 - 243 (Forearm and Hand) Additional resources will be available on Moodle	

Week 9 - 10 Sep 2018

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: Introduction to lower limb muscles Practical: Lower limb -introduction to motion palpation with documentation and muscle testing	Bergmann - pp 262 - 273 (Pelvis) and pp 337 - 346 (Hip), pp 349 - 358 (Knee), and pp 364 - 371 (Ankle and Foot) Vizniak - pp 246 - 301 (Hip and thigh) and pp 304 - 343 (leg and foot) Additional resources will be available on moodle	

Week 10 - 17 Sep 2018

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: Introduction to manual therapies Practical: Lower Limb -introduction to soft tissue work and combined clinical examination including recording observations (*,O, R, P, *, M, *,*,*)	Bergmann - pp 262 - 273 (Pelvis) and pp 337 - 346 (Hip), pp 349 - 358 (Knee), and pp 364 - 371 (Ankle and Foot) Vizniak - pp 246 - 301 (Hip and thigh) and pp 304 - 343 (leg and foot) Additional resources will be available on Moodle	Formative Moodle quiz AND submission of on-campus activities weeks 6-10 On-campus activities Due: Week 10 Friday (21 Sept 2018) 11:45 pm AEST

Week 11 - 24 Sep 2018

Module/Topic	Chapter	Events and Submissions/Topic
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Practicals:

Review of upper and lower extremity motion palpation, muscle testing, soft tissue and combined examination
Review for OSCE in week 12 -activities to be provided

Week 12 - 01 Oct 2018

Module/Topic	Chapter	Events and Submissions/Topic
OSCE assessments Due: Week 12 Friday (5 Oct 2018) 2:00 pm AEST		

Review/Exam Week - 08 Oct 2018

Module/Topic	Chapter	Events and Submissions/Topic
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Exam Week - 15 Oct 2018

Module/Topic	Chapter	Events and Submissions/Topic
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Assessment Tasks

1 On-campus activities

Assessment Type

On-campus Activity

Task Description

These activities will take place in the first 15 - 20 mins of EACH practical class, expect 2 per week unless otherwise specified. A detailed list of each activity plus a checklist will be provided on Moodle. It is important that you ensure the instructor registers your activity, please print off the on-campus activity check-list and have your instructor sign it after you complete the activity. You will receive formative feedback from your peers and your instructors for these activities. Important to note, an 80% pass rate is required to pass the course. Participation and completion of each activity needs to be recorded and submitted via Moodle in weeks 5 and 10.

Assessment Due Date

Week 10 Friday (21 Sept 2018) 11:45 pm AEST

upload completed on-campus activity checklist to Moodle

Return Date to Students

Week 11 Friday (28 Sept 2018)

Each student will receive confirmation of successful completion of 80% or more of the activities

Weighting

Pass/Fail

Minimum mark or grade

80% of activities must be completed to achieve a passing grade in this unit.

Assessment Criteria

The composition of weekly short activities will be based on the following criteria:

- Can the student demonstrate appropriate patient handling skills?
- Can the student perform, interpret and analyse musculoskeletal assessment findings?
- Can the student competently perform functional muscle tests?
- Can the student competently perform a range of soft tissue therapies?
- Can the student demonstrate their knowledge of the anatomy and biomechanics of the musculoskeletal system?
- Can the student discuss chiropractic philosophy, evidence informed healthcare and the variations of manual therapies in a group setting?

Referencing Style

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

Submission

Online

Submission Instructions

Upload to Moodle in week 5 and week 10

Learning Outcomes Assessed

- Apply your psychomotor skills to adjusting/manipulative set-ups at an intermediate level.
- Perform soft tissue therapeutic procedures and non-force techniques at an intermediate level.
- Test the function of a range of muscles and muscle groups.
- Analyse findings from musculoskeletal assessment protocols such as observation, range of movement and palpation.

Graduate Attributes

- Communication
- Problem Solving
- Team Work
- Ethical practice

2 OSCE assessments

Assessment Type

Practical Assessment

Task Description

There will be two OSCEs over the term, the first in week 6 (weighted at 20% of total 50%) and the second in week 12 (weighted at 30% of total 50%).

Week 6 - will require you to demonstrate competence in the following practical skills:

- Patient handling
- Chiropractic record keeping
- Motion palpation of the spine
- Muscle tests of the spine

Station 1: Regional examination of the spine (cervical, thoracic or lumbar) to include recording active range of motion (AROM), passive range of motion (PROM), motion palpation of assigned segments and two muscle tests

Week 12 - will require you to demonstrate competence in the following practical skills:

- Patient handling
- Chiropractic record keeping
- Motion palpation of the spine and upper and lower limbs
- Muscle tests of the spine and upper and lower limbs

Components:

- Performing and recording postural analysis
- Motion palpation (shoulder, elbow, wrist, hip, knee or ankle)
- Muscle tests (spinal and extremity)
- Performing and recording AROM and PROM (spinal region)
- Motion palpation (spinal region)
- Soft tissue work

Assessment Due Date

Week 12 Friday (5 Oct 2018) 2:00 pm AEST

OSCE will be marked on-campus, time slots will be provided.

Return Date to Students

Review/Exam Week Friday (12 Oct 2018)

results will be returned via moodle

Weighting

50%

Assessment Criteria

- Can you demonstrate appropriate patient handling and chiropractic record keeping?
- Can you demonstrate competence in performing soft tissue techniques?
- Can you demonstrate competence in evaluating the musculoskeletal system (observation, range of motion and motion palpation)?
- Can you demonstrate competence in functional muscle testing?

Referencing Style

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

Submission

Offline

Learning Outcomes Assessed

- Apply your psychomotor skills to adjusting/manipulative set-ups at an intermediate level.
- Perform soft tissue therapeutic procedures and non-force techniques at an intermediate level.
- Test the function of a range of muscles and muscle groups.
- Analyse findings from musculoskeletal assessment protocols such as observation, range of movement and palpation.

Graduate Attributes

- Communication
- Problem Solving
- Ethical practice

Examination**Outline**

Complete an invigilated examination.

Date

During the examination period at a CQUniversity examination centre.

Weighting

50%

Length

120 minutes

Minimum mark or grade

50%

Exam Conditions

Closed Book.

Materials

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