



CHIR11003 *Foundations of Chiropractic Practice*

2

Term 2 - 2017

Profile information current as at 18/04/2024 11:43 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. 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 - 2017

- 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 have your say

Feedback

Weekly task requirements could be clearer

Recommendation

The weekly on-campus activities sheet will be expanded to include further details of the requirements

Feedback from moodle have your say

Feedback

Additional anatomical models would be beneficial. Students enjoyed the field trips.

Recommendation

Additional anatomical models have been ordered and the field trips will continue to be offered

Feedback from moodle have your say

Feedback

Lectures could be more engaging and structured

Recommendation

Formative questions and activities will be provided to increase engagement. Flow of theoretical material will be examined.

Feedback from moodle have your say

Feedback

Mode of delivery of some theory was difficult to follow

Recommendation

Supporting powerpoints will be made available to use with the podcasts

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%		•	•	•	•	
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

Edition: Third (2011)

Authors: Bergman T.F, David Peterson D.H

Elsevier Mosby

St. Louis , United States of America

ISBN: 978-0-323-04969-6

Binding: Hardcover

CHIR11003

Prescribed

Muscle Manual

(2015)

Authors: Vizniak

Prohealth

Canada

ISBN: 978-0-9732742-2-6

Binding: Hardcover

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: [Harvard \(author-date\)](#)

For further information, see the Assessment Tasks.

Teaching Contacts

Dawn Dane Unit Coordinator

d.dane@cqu.edu.au

Schedule

Week 1 - 10 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
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1. Introduction to Foundations of Chiropractic 2
2. Anatomy & Biomechanics of the cervical spine
3. Public Health - Professional conduct and record keeping
4. Practical Skills - Motion palpation and muscle testing of the cervical spine in context (**G**ait, **O**bservation, **R**ange of Motion, **P**alpation, **M**uscle testing -GORP *M**)

See introductory lecture on moodle

Bergmann - Chiropractic

Technique pp 152-169 (Cervical Spine)

Vizniak - Muscle Manual - pp 74 - 105 (Cervical Spine)

Week 2 - 17 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
<ol style="list-style-type: none"> 1. Anatomy & Biomechanics of the shoulder 2. History and Philosophy - History of Chiropractic (N. America) 3. Practical skills - Motion palpation and muscle testing of the shoulder in context (Gait, Observation, Range of Motion, Palpation, Muscle testing - GORP *M**) 	<p>Bergmann - pp 294-302 (Shoulder) Vizniak - pp 154 - 189 (Upper Arm) Additional resources will be available on moodle</p>	

Week 3 - 24 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
<ol style="list-style-type: none"> 1. Anatomy & Biomechanics of the elbow 2. Public Health - Introduction to guidelines 3. Practical skills - Motion palpation and muscle testing of the elbow in context (Gait, Observation, Range of Motion, Palpation, Muscle testing - GORP *M**) 	<p>Bergmann - pp 315-321 (Elbow), Vizniak - pp 154 - 189 (Upper Arm) Additional resources will be available on moodle</p>	

Week 4 - 31 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
<ol style="list-style-type: none"> 1. Anatomy & Biomechanics of the wrist and hand 2. Critical Thinking - Logical fallacies 3. Practical skills - Motion palpation and muscle testing of the wrist and hand in context (Gait, Observation, Range of Motion, Palpation, Muscle testing -GORP *M**) 	<p>Bergmann - pp 326-333 (Wrist and hand) Vizniak - pp 192 - 243 (Forearm and hand) Additional resources will be available on moodle</p>	

Week 5 - 07 Aug 2017

Module/Topic	Chapter	Events and Submissions/Topic
<ol style="list-style-type: none"> 1. Normal radiographic anatomy of the cervical spine 2. History and Philosophy - Chiropractic history - The Searby Saga 3. Practical skills - Review motion palpation and muscle testing of the cervical spine and upper limb in context (Gait, Observation, Range of Motion, Palpation, Muscle testing - GORP *M**) 	<p>All resources for this week available on moodle</p>	

Vacation Week - 14 Aug 2017

Module/Topic	Chapter	Events and Submissions/Topic

Week 6 - 21 Aug 2017

Module/Topic	Chapter	Events and Submissions/Topic

1. Anatomy & Biomechanics of the thoracic and lumbar spine
2. Public Health - Impact of chronic low back pain on the Australian population
3. Practical skills - Motion palpation and muscle testing of the thoracic and lumbar spine in context (**Gait**, **Observation**, **Range of Motion**, **Palpation**, **Muscle testing** -GORP *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

Week 7 - 28 Aug 2017

Module/Topic	Chapter	Events and Submissions/Topic
<ol style="list-style-type: none"> 1. Anatomy & Biomechanics of the pelvis and hip 2. Critical Thinking - Logical fallacies 3. Practical skills - Motion palpation and muscle testing of the pelvis and hip in context (Gait, Observation, Range of Motion, Palpation, Muscle testing -GORP *M**) 	<p>Bergmann - pp 262 - 273 (Pelvis) and pp 337 - 346 (Hip) Vizniak - pp 246 - 301 (Hip and thigh) Additional resources will be available on moodle</p>	

Week 8 - 04 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic
<ol style="list-style-type: none"> 1. Anatomy & Biomechanics of the knee 2. History and Philosophy - History of Chiropractic (Australia) 3. Practical skills - Motion palpation and muscle testing of the knee in context (Gait, Observation, Range of Motion, Palpation, Muscle testing - GORP *M**) 	<p>Bergmann - pp 349 - 358 (Knee) Vizniak - pp 246 - 301 (hip and thigh) and pp 304 - 343 (leg and foot) Additional resources will be available on moodle</p>	

Week 9 - 11 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic
<ol style="list-style-type: none"> 1. Anatomy & Biomechanics of the foot and ankle 2. Public Health - primary prevention in a chiropractic practice 3. Practical skills - Motion palpation and muscle testing of the foot and ankle in context (Gait, Observation, Range of Motion, Palpation, Muscle testing -GORP *M**) 	<p>Bergmann - pp 364 - 371 (Ankle and Foot) Vizniak - pp 304 - 343 (leg and foot) Additional resources will be available on moodle</p>	

Week 10 - 18 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic
<ol style="list-style-type: none"> 1. Normal radiographic anatomy of the thoracic spine 2. Critical Thinking - Logical fallacies 3. Practical skills - Review motion palpation and muscle testing of the thoracic and lumbar spine and lower limb in context (Gait, Observation, Range of Motion, Palpation, Muscle testing -GORP *M**) 	<p>All learning resources for this week will be available on moodle.</p>	

Week 11 - 25 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic

1. Normal radiographic anatomy of the lumbar spine
2. Critical Thinking - online formative quiz of logical fallacies
3. Practical skills - OSCE prep review of spine, upper lower limb motion palpation and muscle tests in context (**Gait, Observation, Range of Motion, Palpation, Muscle testing** -GORP *M**)

All learning materials will be available on moodle for this week.

On-Campus Activities Due: Week 11 Friday (29 Sept 2017) 4:00 pm AEST

Week 12 - 02 Oct 2017

Module/Topic	Chapter	Events and Submissions/Topic
1. OSCE (last class of term)		OSCE - Practical Assessment Due: Week 12 Friday (6 Oct 2017) 8:00 am AEST

Review/Exam Week - 09 Oct 2017

Module/Topic	Chapter	Events and Submissions/Topic
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Exam Week - 16 Oct 2017

Module/Topic	Chapter	Events and Submissions/Topic
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Assessment Tasks

1 On-Campus Activities

Assessment Type

On-campus Activity

Task Description

In order to provide students with on-going feedback on-campus activities will be assessed via a series of short activities (i.e. Quiz, Discussions or Practical Application).

On Campus activities for Foundations 2 (2017)

These activities will take place in the first 15 - 20mins of EACH practical class. It is important that you ensure the instructor registers your 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.

Week 1

2nd class - Demonstrate cervical motion palpation of C2-4 or muscle test the left trapezius

Week 2

1st class - Bring along and present an interesting fact from the Chiropractic History Article

2nd class - Demonstrate muscle tests of the rotator cuff muscles or shoulder motion palpation

Week 3

1st class - Demonstrate the first steps of reflection and upload to mahara (we will be using the CHESE MELT reflection guide)

2nd class - Demonstrate elbow motion palpation or biceps brachii, brachialis and brachioradialis muscle tests

Week 4

1st class - Bring along and present to the group one logical fallacy from this weeks lecture and reading material

2nd class - Demonstrate one muscle tests of the wrist/hand and one of the thumb or perform motion palpation of the wrist and hand

Week 5

1st class - Bring along and present an interesting fact from the Chiropractic History Article

2nd class - Report to the group one new thing you learned about the history and philosophy of Chiropractic from the readings in weeks 2 and 5, please compile a list in your class and send to the unit convenor

Week 6

1st class - Bring along and present an interesting fact from the article Impact on Chronic Low Back Pain on the Australian Population

2nd class - Perform AROM and PROM on either Lumbar or Thoracic (record your findings) and continue to motion palpation of the same region

Week 7

1st class - Demonstrate the final steps of reflection and upload to mahara

2nd class - Perform one muscle test of the hip and one of the pelvis

Week 8

1st class - Bring along and present an interesting fact from the Chiropractic History of Australia Article

2nd class - Perform AROM and PROM of the knee and continue to motion palpation

Week 9

1st class - Bring along and present an interesting fact from the article Impact on Chronic Low Back Pain on the Australian Population

2nd class - Demonstrate two muscle tests of the foot and ankle

Week 10

1st class - Perform *ORP *M** for a spinal region

2nd class - Perform *ORP *M** for an UL joint

Week 11

1st class - Perform *ORP *M** for an LL joint

Assessment Due Date

Week 11 Friday (29 Sept 2017) 4:00 pm AEST

Return Date to Students

Week 12 Friday (6 Oct 2017)

Feedback will be provided to students immediately after each short activity.

Weighting

Pass/Fail

Minimum mark or grade

Yes 80% of activities must be passed to achieve a pass 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 demonstrate their knowledge of the anatomy and biomechanics of the musculoskeletal system?
- Can the student discuss and evaluate historical accounts, evidenced guidelines in a group setting?
- Can the student demonstrate early reflection skills?

Referencing Style

- [Harvard \(author-date\)](#)

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
- Team Work
- Ethical practice

2 OSCE - Practical Assessment

Assessment Type

Practical Assessment

Task Description

An OSCE examination will occur in the final class of week 12.

You will need to demonstrate competence in the following practical skills in an applied context:

- Patient handling
- Chiropractic record keeping

- Evaluation of the musculoskeletal system
- Muscle tests

Station 1 - Upper limb examination with a focus on motion palpation and muscle testing

Station 2 - Lower limb examination with a focus on motion palpation and muscle testing

Station 3 - Spinal examination with a focus on motion palpation and muscle testing

Assessment Due Date

Week 12 Friday (6 Oct 2017) 8:00 am AEST

Return Date to Students

Review/Exam Week Friday (13 Oct 2017)

Weighting

50%

Minimum mark or grade

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, motion and static palpation)?
- Can you perform the relevant muscle tests?

Referencing Style

- [Harvard \(author-date\)](#)

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

No calculators permitted

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