



CHIR11001 Foundations of Chiropractic Practice

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Term 1 - 2020

Profile information current as at 20/04/2024 05:27 am

All details in this unit profile for CHIR11001 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 02-04-20

The end of term examination has now been changed to an alternate form of assessment. Please see your Moodle site for details of the assessment.

Mid term practical assessment will take the form of a video submission or similar mechanism. Please see your Moodle site for details of the assessment.

General Information

Overview

This unit offers you an introduction to the principles and practice of chiropractic, within the context of the Australian health care system. The overall structure of the Foundations of Chiropractic Practice 1 unit covers integrated material on topics to prepare you for progressively more complex health-related units in the course. As such, it commences with etymology (medical terminology); basic musculoskeletal assessment protocols; postural observation and analysis; movement (active and passive ranges of motion); psychomotor palpation skills to spinal and peripheral anatomy landmarks; elementary biomechanics; history of manipulation and founding philosophical principles of 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

Co-requisite: BMSC11001 Human Body Systems 1

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 1 - 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. **Objective Structured Clinical Examinations (OSCEs)**

Weighting: 60%

3. **Examination**

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 Student feedback as per individual response on "Have Your Say".

Feedback

The students generally appreciated the level of material content, class discussions, teacher to student ratio and the opportunity for interaction with hands on learning experience so that they could understand and engage in the various activity tasks.

Recommendation

Continue to engage enthusiastic and pro-active academic and casual staff so that the ratio of student to teacher is maintained at a mutually beneficial level. The number of hours provided for technique related skills acquisition at this level is adequate so no further changes would be deemed necessary.

Feedback from Student feedback as per individual response on "Have Your Say".

Feedback

Teachers were very knowledgeable, always available, supportive, and helpful. The students appreciated being explained not just the 'how' to do things, but 'why' which provided relevance to them.

Recommendation

Acknowledge the professionalism of the casual staff and continue to encourage and support their efforts to continue teaching.

Feedback from Student feedback as per individual response on "Have Your Say".

Feedback

There was some disconnect between tutors as to expectations and interpretation of marking rubrics on OSCE exams, variations in tutors' assessments and the opportunity to receive feedback.

Recommendation

The unit coordinator will endeavour to reinforce communication at the beginning of each term and immediately before the practical OSCE exams to ensure that the tutors are aware of the unit coordinator's expectations etc.

Feedback from Student feedback as per individual response on "Have Your Say".

Feedback

Some concern was expressed as to the style and quality of the recorded lectures. The students also commented on the quizzes and study guide questions requiring more self-directed learning and critical thinking application at this entry level unit.

Recommendation

The opportunity will be taken over the summer term to further update and refine the learning resources.

Unit Learning Outcomes

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

1. Define the principles and practice of chiropractic and discuss how philosophical chiropractic approaches are applied in a modern health paradigm
2. Describe biomechanical principles relevant to chiropractic practice
3. Perform and interpret musculoskeletal assessment tasks using postural observation, range of motion measurements and static palpation of spinal and axial landmarks

Not applicable

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 - 0%	•	•	•
2 - Objective Structured Clinical Examinations (OSCEs) - 60%			•
3 - Examination - 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 - 0%	•	•			•					
2 - Objective Structured Clinical Examinations (OSCEs) - 60%	•	•						•		
3 - Examination - 40%		•	•	•						

Textbooks and Resources

Textbooks

CHIR11001

Prescribed

Chiropractic technique: Principles and procedures

Edition: 3rd (2010)

Authors: Bergmann T, Peterson D

Elsevier

St Louis , USA

ISBN: 9780323049696

Binding: Hardcover

CHIR11001

Prescribed

Evidence Informed Muscle Manual

Edition: 2nd edn (2018)

Authors: Vizniak, N

Professional Health Systems Inc

Canada

ISBN: 978-0-9732742-2-6

Binding: Spiral

Additional Textbook Information

Copies can be purchased at the CQUni Bookshop here: <http://bookshop.cqu.edu.au> (search on the Unit code)

[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

No referencing style set.

Teaching Contacts

David Hannah Unit Coordinator

d.hannah@cqu.edu.au

Schedule

Week 1 - 09 Mar 2020

Module/Topic	Chapter	Events and Submissions/Topic
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Introduction to the unit.
 Etymology
 Body planes, anatomical terms, range of motion
 Introduction to the profession
 Induction to the practical lab

Vizniak, N. *Muscle Manual*, pages 3 – 9, “Anatomical Planes and Body Regions”
 Vizniak, N. *Muscle Manual*, pages 20-24, “Joint Motion”
 Vizniak, N. *Muscle Manual*, page 11, “Bony Landmark Introduction”
 Bergmann, T, *Chiropractic Technique, Principles and Procedures, 3rd Edition (2011)*, pages 1 – 5 “Overview and History”
 Bergmann, T, *Chiropractic Technique, Principles and Procedures, 3rd Edition (2011)*, pages 11 -15 “Body Planes and Joint Motions”
 Bergmann, T, *Chiropractic Technique, Principles and Procedures, 3rd Edition (2011)*, pages 59-65 “Range of Motion Assessment”
 Bergmann, T, *Chiropractic Technique, Principles and Procedures, 3rd Edition (2011)*, pages 65-67, “Bony Palpation”

Week 2 - 16 Mar 2020

Module/Topic	Chapter	Events and Submissions/Topic
Cervical spine and cranium -Superficial landmarks -Static palpation -Range of Motion	Vizniak, N. <i>Muscle Manual</i> , page 84-87, “Cervical Range of Motion” Vizniak, N. <i>Muscle Manual</i> , page 80, “Cervical Bones” Vizniak, N. <i>Muscle Manual</i> , page 33, “Cranium and face”	

Week 3 - 23 Mar 2020

Module/Topic	Chapter	Events and Submissions/Topic
Thoracic spine and chest -Superficial landmarks -Static palpation -Range of Motion History of manipulation	Vizniak, N. <i>Muscle Manual</i> , page 118-119, “Thoracic Bones”	

Week 4 - 30 Mar 2020

Module/Topic	Chapter	Events and Submissions/Topic
Lumbar spine and abdomen -Superficial landmarks -Static palpation -Range of Motion	Vizniak, N. <i>Muscle Manual</i> , page 161-163, “Lumbopelvic Range of Motion” Lumbar spine section of Vizniak, N. <i>Muscle Manual</i> , page 154-157, “Lumbopelvic Bones”	

Week 5 - 06 Apr 2020

Module/Topic	Chapter	Events and Submissions/Topic
Pelvis and hip -Superficial landmarks -Static palpation -Range of Motion	Vizniak, N. <i>Muscle Manual</i> , page 295, “Hip Range of Motion” Hip section of Vizniak, N. <i>Muscle Manual</i> , page 286, “Hip, Thigh and Knee Bones”, pages 348-350 “Ankle and Foot Bones” Pelvis section of Vizniak, N. <i>Muscle Manual</i> , page 154-157, “Lumbopelvic Bones”	

Vacation Week - 13 Apr 2020

Module/Topic	Chapter	Events and Submissions/Topic

Week 6 - 20 Apr 2020

Module/Topic	Chapter	Events and Submissions/Topic
No lectures Mid term practical examination		The practical examination will be in the first practical session. Resit assessment, if required, will take place in the second session along with a post mortem of student performance and tips for improvement.

Week 7 - 27 Apr 2020

Module/Topic	Chapter	Events and Submissions/Topic
Shoulder -Superficial landmarks- Static palpation -Range of Motion Paradigms of Health	Vizniak, N. <i>Muscle Manual</i> , page 195-197, " Shoulder Range of Motion " Vizniak, N. <i>Muscle Manual</i> , page 188, " Shoulder Bones "	

Week 8 - 04 May 2020

Module/Topic	Chapter	Events and Submissions/Topic
Elbow, forearm, wrist and hand -Superficial landmarks -Static palpation -Range of Motion	Vizniak, N. <i>Muscle Manual</i> , page 198-199, " Elbow Range of Motion " Vizniak, N. <i>Muscle Manual</i> , page 237-239, " Wrist/Hand Range of Motion " Vizniak, N. <i>Muscle Manual</i> , page 228, " Elbow, Forearm, Wrist and Hand Bones "	

Week 9 - 11 May 2020

Module/Topic	Chapter	Events and Submissions/Topic
Knee, leg, ankle and foot -Superficial landmarks -Static palpation -Range of Motion The Chiropractic profession in Australia	Vizniak, N. <i>Muscle Manual</i> , page 297, " Knee Range of Motion " Vizniak, N. <i>Muscle Manual</i> , page 356-357, " Ankle and Foot Range of Motion " Vizniak, N. <i>Muscle Manual</i> , page 286, " Hip, Thigh and Knee Bones ", pages 348-350 " Ankle and Foot Bones "	

Week 10 - 18 May 2020

Module/Topic	Chapter	Events and Submissions/Topic
Postural examination	Vizniak, N. <i>Muscle Manual</i> , page vii-ix, " Posture Assessment and Variations " Bergmann, T, <i>Chiropractic Technique, Principles and Procedures, 3rd Edition (2011)</i> , pages 55-56 and Figs 3-14, Table 3-2 " Postural Evaluation "	

Week 11 - 25 May 2020

Module/Topic	Chapter	Events and Submissions/Topic
Review week		On Campus activity. Due: Week 11 Friday (29 May 2020) 11:45 pm AEST

Week 12 - 01 Jun 2020

Module/Topic	Chapter	Events and Submissions/Topic

Final practical examination

The practical examination will be in the first practical session. Resit assessment, if required, will take place at a time determined between supervisor and student that week. There is no scheduled practical session this week.

OSCE/Practical assessments Due: Week 12 Friday (5 June 2020) 11:45 pm AEST

Exam Week - 15 Jun 2020

Module/Topic

Chapter

Events and Submissions/Topic

Assessment Tasks

1 On Campus activity.

Assessment Type

On-campus Activity

Task Description

You must complete the on campus activities as listed in your Workbook. These must be signed off after each practical session as listed in the workbook. Both you and your supervisor must sign off. At some point during Week 11 you must present your Workbook to your practical class supervisor who will check that a sufficient number of classes have been attended and activities completed. You must attend at least 80% of all classes and have completed and signed off on 80% of the activities listed in order to pass this unit.

Assessment Due Date

Week 11 Friday (29 May 2020) 11:45 pm AEST

Return Date to Students

Week 11 Friday (29 May 2020)

Weighting

Pass/Fail

Assessment Criteria

Pass/Fail only. Failure to complete the required number of activities and to have these checked and signed off by your practical class supervisor in Week 11 will result in a Fail grade for the unit.

Submission

No submission method provided.

Submission Instructions

Your practical class supervisor must view and check your Workbook during Week 11 of the term.

Learning Outcomes Assessed

- Define the principles and practice of chiropractic and discuss how philosophical chiropractic approaches are applied in a modern health paradigm
- Describe biomechanical principles relevant to chiropractic practice
- Perform and interpret musculoskeletal assessment tasks using postural observation, range of motion measurements and static palpation of spinal and axial landmarks

Graduate Attributes

- Communication
- Problem Solving
- Team Work

2 OSCE/Practical assessments

Assessment Type

Objective Structured Clinical Examinations (OSCEs)

Task Description

There is a practical examination in the first practical session of Week 6 and another in the first practical session of week 12.

Each is worth 30% of the total grade for this unit.

Each practical examination will consist of several components. Students must obtain a pass grade in each component of each practical examination in order to pass that examination.

Week 6 examination components may consist of:

- a) Identification of superficial landmarks of the cranium, cervical spine, thoracic spine, chest, lumbar spine, abdomen, pelvis and hip
- b) Range of motion assessment of the cervical spine, lumbar spine and hip.
- c) Appropriate hygiene and consent procedures

Week 12 examination components may consist of:

- a) Identification of superficial landmarks of the cervical spine, thoracic spine, lumbar spine, pelvis, shoulder, elbow, wrist, hand, knee, ankle and foot.
- b) Range of motion assessment of the cervical spine, lumbar spine, shoulder, elbow, wrist, hand, knee, ankle and foot.
- c) Appropriate consent and hygiene procedures.

Failure to obtain a pass grade for any or all of the components at an examination will result in the student being required to complete a resit assessment in that component. Resits will be conducted in the second practical session of week 6 and for week 12, at a time determined between supervisor and student.

Assessment Due Date

Week 12 Friday (5 June 2020) 11:45 pm AEST

Examinations will be conducted in the first practical sessions of Weeks 6 and 12. Should a resit assessment be required this will take place in the second practical session of week 6 and at a time to be determined by the supervisor in week 12.

Return Date to Students

Week 12 Friday (5 June 2020)

Weighting

60%

Assessment Criteria

Students must obtain a pass grade for each of the listed components of the examinations. If this is not achieved, a resit assessment in the component/s not passed at the first sitting will be offered in the second practical session of the week concerned. Failure to obtain a pass grade at the resit session will result in the student being awarded a Fail grade for the unit (subject to possible supplementary assessment being offered).

Submission

No submission method provided.

Learning Outcomes Assessed

- Perform and interpret musculoskeletal assessment tasks using postural observation, range of motion measurements and static palpation of spinal and axial landmarks

Graduate Attributes

- Communication
- Problem Solving
- Ethical practice

Examination

Outline

Complete an invigilated examination.

Date

During the examination period at a CQUniversity examination centre.

Weighting

40%

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