



CHIR13006 *Clinical Assessment and Diagnosis 2*

Term 2 - 2023

Profile information current as at 29/04/2024 08:01 am

All details in this unit profile for CHIR13006 have been officially approved by CQUniversity and represent a learning partnership between the University and you (our student). The information will not be changed unless absolutely necessary and any change will be clearly indicated by an approved correction included in the profile.

General Information

Overview

In this unit you will learn about the important features of complex and multifaceted clinical conditions which are encountered in chiropractic practice. In learning the etiology, incidence, pathophysiology and clinical presentation of these conditions, you will integrate this theoretical knowledge with the the assessment, diagnosis and management skills acquired in Professional Chiropractic Practice 2 (CHIR13009). This unit builds upon the knowledge and skills you have obtained in Professional Chiropractic Practice 1 (CHIR13008) and Clinical Assessment and Diagnosis 1 (CHIR12007).

Details

Career Level: *Undergraduate*

Unit Level: *Level 3*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

Pre-requisite: CHIR12007 and CHIR13008 Co-requisite: CHIR13009

Important note: Students enrolled in a subsequent unit who failed their pre-requisite unit, should drop the subsequent unit before the census date or within 10 working days of Fail grade notification. Students who do not drop the unit in this timeframe cannot later drop the unit without academic and financial liability. See details in the [Assessment Policy and Procedure \(Higher Education Coursework\)](#).

Offerings For Term 2 - 2023

- Brisbane
- Mackay

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. **Portfolio**

Weighting: 20%

2. **In-class Test(s)**

Weighting: 30%

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 SUTE

Feedback

Students enjoyed the introduction of clinical cases to apply their developing diagnostic skills.

Recommendation

It is recommended that clinical cases continue to be included in the content.

Feedback from SUTE

Feedback

Some students felt there was content and assessment overlap between CHIR13006 and CHIR13009.

Recommendation

It is recommended the discipline consider options for streamlining the content and assessments to avoid overlap.

Unit Learning Outcomes

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

1. Discuss and describe the etiology, incidence, pathophysiology and clinical presentations of complex and multifaceted conditions of the spine and extremities seen in chiropractic practice
2. Using provided clinical presentations of complex and multifaceted conditions of the spine and extremities develop differential and working diagnoses
3. Demonstrate appropriate clinical reasoning in the selection of procedures used in the assessment and management of complex and multifaceted conditions seen in chiropractic practice.

Learning outcome 1 - competency 3 (3.4)

Learning outcome 2 - competency 3 (3.4)

Learning outcome 3 - competency 1 (1.2, 1.3), 3 (3.3, 3.4, 3.5). 4 (4.1, 4.2)

Alignment of Learning Outcomes, Assessment and Graduate Attributes



Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes		
	1	2	3
1 - Portfolio - 20%			•
2 - In-class Test(s) - 30%	•	•	
3 - Written 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 - Portfolio - 20%	•	•	•	•		•	•	•	•	
2 - In-class Test(s) - 30%	•	•	•	•		•		•		
3 - Written Assessment - 50%	•	•	•	•		•	•	•	•	

Textbooks and Resources

Textbooks

CHIR13006

Prescribed

Differential Diagnosis for the Chiropractor Protocols and Algorithms.

Edition: 5th (2014)

Authors: Thomas A. Souza

Jones and Bartlett Learning

Burlington , MA , USA

ISBN: 978-1-284-02230-8

Binding: Hardcover

CHIR13006

Prescribed

Neurological Examination Made Easy

Edition: 5th (2013)

Authors: Geraint Fuller

Churchill Livingstone Elsevier Ltd
Gloucester, UK
ISBN: 978-0-7020-5177-7
Binding: Paperback
CHIR13006

Prescribed

Orthopedic Physical Assessment 6th (2014)

Edition: 6th (2014)
Authors: David J. Magee
Elsevier
St Louis, Missouri, USA
ISBN: 978-1-4557-0977-9
Binding: Hardcover
CHIR13006

Supplementary

Cecil Essentials of Medicine

Edition: 10th (2021)
Authors: Wing, Edward & Schiffman, Fred
Elsevier
Ogden, UT, USA
ISBN: 9780323722728
Binding: eBook
CHIR13006

Supplementary

Neurology: A Clinical Handbook

Edition: 1st (2022)
Authors: Clarke, Charles
John Wiley and Sons
US
ISBN: 9781119235729
Binding: eBook
CHIR13006

Supplementary

Neuroscience for Rehabilitation

Edition: 1st (2018)
Authors: Mosconi, Tony & Graham, Victoria
McGraw Hill
US
ISBN: 978-0-07-182888-8
Binding: eBook

[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 7th Edition \(APA 7th edition\)](#)

For further information, see the Assessment Tasks.

Teaching Contacts

Felipe Coutinho Kullmann Duarte Unit Coordinator

f.duarte@cqu.edu.au

Dawn Dane Unit Coordinator

d.dane@cqu.edu.au

Schedule

Week 1 - 10 Jul 2023

Module/Topic	Chapter	Events and Submissions/Topic
1.1 Review Hip Tissue and Anatomy	Orthopedic Physical Assessment 6th (2014); Author: David J. Magee; Chapter 11, Hip, 689-695 Differential Diagnosis for the Chiropractor Protocols and Algorithms 5th (2016); Authors: Souza T.A; 391-397, 401-414, 419-421 Refer to eReading for assigned readings	
1.2 Bursitis, Synovitis		
1.3 Childhood Conditions		
1.4 AVN/Osteonecrosis		
1.5 Trauma Fractures and Tumors		
1.6 Common Hip Conditions in Clinical Practice Overview		
Tutorial: Case history simulation and discussion related to lecture		

Week 2 - 17 Jul 2023

Module/Topic	Chapter	Events and Submissions/Topic
2.1 Review Knee Anatomy	Orthopedic Physical Assessment 6th (2014); Author: David J. Magee; Chapter 12, Knee, 765-770; Differential Diagnosis for the Chiropractor Protocols and Algorithms 5th (2016); Authors: Souza T.A; 423-433, 448-470, 478-506, 514-530, 534-538 Refer to eReading for assigned readings	
2.2A Meniscal and Knee Ligament Injuries		
2.2B Knee Muscle/Tendon		
2.3 Knee Trauma		
2.4 Common Knee Conditions in Clinical Practice Overview		
Tutorial: Case history simulation and discussion related to lecture		

Week 3 - 24 Jul 2023

Module/Topic	Chapter	Events and Submissions/Topic
3.1 Ankle Sprain and Common Disorders	Orthopedic Physical Assessment 6th (2014); Author: David J. Magee; Chapter 12, Leg, Ankle & Foot, 888-895 Differential Diagnosis for the Chiropractor Protocols and Algorithms 5th (2016); Authors: Souza T.A; 478-506, 514-530, 534-538 Refer to eReading for assigned readings	
3.2 Ankle and Foot Misc. Conditions		
3.3 Ankle and Foot Trauma (Fracture/Dislocation)		
3.4 Misc. Conditions of the Leg		
3.5 Heel Pain		
3.6 Common Ankle and Foot Conditions in Clinical Practice Overview		
Tutorial: Case history simulation and discussion related to lecture		

Week 4 - 31 Jul 2023

Module/Topic	Chapter	Events and Submissions/Topic
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Lecture:
 4.1 Joint Disease - Arthropathies
 (Degenerative, Inflammatory, and
 Crystalline)
 4.2 Spondylolysis & Spondylolisthesis
 Tutorial
 4.1B Arthropathies in Clinical Practice
 Overview
 4.2B Spondylolysis & Spondylolisthesis
 in Clinical Practice Overview
 Case history simulation and discussion
 related to lecture

Refer to eReading for assigned
 readings

Week 5 - 07 Aug 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: 5.1 Scoliosis		
Tutorial: Case history simulation and discussion related to lecture	Refer to eReading for assigned readings	

Vacation Week - 14 Aug 2023

Module/Topic	Chapter	Events and Submissions/Topic
N/A	N/A	

Week 6 - 21 Aug 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: 6.1 Headaches		
Tutorial: Case history simulation and discussion related to lecture	Refer to eReading for assigned readings	

Week 7 - 28 Aug 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: 7.1 Dizziness		
Tutorial: Case history simulation and discussion related to lecture	Refer to eReading for assigned readings	

Week 8 - 04 Sep 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: 8.1 TMJ		
8.2 Facial Pain		
Tutorial: Case history simulation and discussion related to lecture	Refer to eReading for assigned readings	

Week 9 - 11 Sep 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: 9.1A Primary Spinal Cord Tumours		
9.1B Tumours and Metastatic Disease		
9.2 Primary Bone Tumours		
Tutorial: 9.3 Overview of Tumours in Clinical Practice	Refer to eReading for assigned readings	
Case history simulation and discussion related to lecture		

Week 10 - 18 Sep 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: 10.1 Infection 10.2 Cellulitis/ Meningitis Tutorial: Case history simulation and discussion related to lecture	Refer to eReading for assigned readings	Portfolio Essay/ Reflections Due: Week 10 Friday (22 Sept 2023) 4:00 pm AEST

Week 11 - 25 Sep 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lecture 11.1 Trauma and Falls Lecture Tutorial: Case history simulation and discussion related to lecture	Refer to eReading for assigned readings Please read key points in Falls by Adam Darowski for each chapter pages: 1-3,6,14,21,17,30,33,39,44,45,48,54,58,65,77,82,90,99,109,125,134,143,144 and Chapter 17 pages 125-132	

Week 12 - 02 Oct 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: Regional DDx and Review Cases Tutorial: Regional DDx Cases Case history simulation and discussion related to cases over the term	Refer to eReading for assigned readings	

Review/Exam Week - 09 Oct 2023

Module/Topic	Chapter	Events and Submissions/Topic
End of Term test - date and time to be confirmed through the timetable and Moodle forum		End of Term On-Line Assessment Due: Review/Exam Week Tuesday (10 Oct 2023) 9:00 am AEST

Exam Week - 16 Oct 2023

Module/Topic	Chapter	Events and Submissions/Topic
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Assessment Tasks

1 Portfolio Essay/ Reflections

Assessment Type

Portfolio

Task Description

There will be one (1) essay type assessment pieces through the term. The essay will be around clinical cases and concepts that you have studied over the term. You will be assigned a case or condition to discuss in detail. Elements such as the introduction and review of the scientific literature about the assigned disorder are expected to be described. A scientific appraisal of clinical management of the disorder within the context and the scope of the chiropractic profession is expected. Similarly, the interprofessional management of the disorder is expected to be discussed. The assessment will be a paper of 750+/- 10% words.

You are reminded that this is considered to be an individual assessment where you submit your own original work.

Assessment Due Date

Week 10 Friday (22 Sept 2023) 4:00 pm AEST
Upload to Moodle

Return Date to Students

Week 12 Friday (6 Oct 2023)
Via Moodle. Submissions will be open earlier in the term for those who prefer to submit early

Weighting

20%

Minimum mark or grade

50%

Assessment Criteria

Assessment criteria will be based on grammar, knowledge of the condition and its diagnosis, critical thinking and logic, referencing (including external material), and overall composition. A rubric will be provided.

Referencing Style

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

Submission

Online

Submission Instructions

Via Moodle

Learning Outcomes Assessed

- Demonstrate appropriate clinical reasoning in the selection of procedures used in the assessment and management of complex and multifaceted conditions seen in chiropractic practice.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice
- Social Innovation

2 In-Class Quizzes (30%)

Assessment Type

In-class Test(s)

Task Description

You will perform two (2) online quizzes during the term. These quizzes occur in weeks **4 and 7** and will assist with review for the end of term on-line assessment. The quizzes will be based on the material presented during the term (weeks 1-3 and 4-6). The quizzes will involve a mix of multiple choice, true and false, matching questions. The quiz will be a 30 minutes. The quiz will be available for an 8 hour window. These quizzes should be treated as an individual assessment task and are considered closed book.

Assessment Due Date

Monday of week 4 and week 7, open from 8am-4pm

Return Date to Students

Results will be released one week after completing the task.

Weighting

30%

Minimum mark or grade

50%

Assessment Criteria

The assessment will test your comprehension, assimilation, clinical reasoning and communication of general knowledge, incidence, etiology, pathophysiology, clinical presentation, diagnostic means and some care options for the range of more complex and multifaceted conditions encountered in Chiropractic practice. The assessments will cover the material presented in the term. All quizzes will be graded. .

Referencing Style

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

Submission

Online

Submission Instructions

Via Moodle

Learning Outcomes Assessed

- Discuss and describe the etiology, incidence, pathophysiology and clinical presentations of complex and multifaceted conditions of the spine and extremities seen in chiropractic practice
- Using provided clinical presentations of complex and multifaceted conditions of the spine and extremities develop differential and working diagnoses

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence
- Ethical practice

3 End of Term On-Line Assessment

Assessment Type

Written Assessment

Task Description

The End of Term Assessment will be a test that will take place in a computer lab under supervision of a staff member. The test will be delivered via Moodle and will involve a range of question types including matching, multiple choice, true/false, short answer, and essay/ cases. These questions will assess the content delivered between weeks 1-12.

Assessment Due Date

Review/Exam Week Tuesday (10 Oct 2023) 9:00 am AEST

This test starts at 9am

Return Date to Students

Results will be released via Moodle within two weeks of the end of term test closing.

Weighting

50%

Minimum mark or grade

50%

Assessment Criteria

The assessment will test your comprehension, assimilation, clinical reasoning and communication of general knowledge, incidence, etiology, pathophysiology, clinical presentation, diagnostic means and some care options for the range of more complex and multifaceted conditions encountered in Chiropractic practice and presented in all formats throughout the term.

The End of Term Test will be based on a score out of 100 points. You will need a minimum of 50% to pass this test. A grade of less than 50% may receive a supplementary test based on CQU policy.

Referencing Style

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

Submission

Online

Submission Instructions

Via Moodle

Learning Outcomes Assessed

- Discuss and describe the etiology, incidence, pathophysiology and clinical presentations of complex and multifaceted conditions of the spine and extremities seen in chiropractic practice
- Using provided clinical presentations of complex and multifaceted conditions of the spine and extremities develop differential and working diagnoses
- Demonstrate appropriate clinical reasoning in the selection of procedures used in the assessment and management of complex and multifaceted conditions seen in chiropractic practice.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice
- Social Innovation

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