



# CHIR12007 *Clinical Assessment and Diagnosis 1*

## Term 1 - 2021

Profile information current as at 07/05/2024 11:21 pm

All details in this unit profile for CHIR12007 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 important features of clinical conditions which are commonly 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 and management skills acquired in Professional Chiropractic Practice 1 (CHIR13008).

### Details

Career Level: *Undergraduate*

Unit Level: *Level 2*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

### Pre-requisites or Co-requisites

Prerequisites: MPAT12001 Medical Pathophysiology Co-requisite: CHIR13008 Professional Chiropractic Practice 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 - 2021

- 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. **Portfolio**

Weighting: 20%

#### 2. **Online Quiz(zes)**

Weighting: 30%

#### 3. **In-class Test(s)**

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**

The students appreciated and enjoyed the content and quality of information.

##### **Recommendation**

It is recommended that the content be continued and expanded for future offerings.

#### Feedback from Have your Say and Verbal feedback

##### **Feedback**

Students felt the lecturer was engaging and supportive, assisting them to apply the information and develop their clinical understanding and application.

##### **Recommendation**

It is recommended that the tutorial continue to provide an opportunity to demonstrate clinical application of the lecture, reading and resource materials.

#### Feedback from Have your Say and Class discussion

##### **Feedback**

Students would have preferred the pre-recorded lectures to be more timely and delivered in a manner that was more engaging and entertaining.

##### **Recommendation**

It is recommended that lecturers receive training and skills in the art of lecture recording. It is recommended these are done in a more timely manner.

#### Feedback from Have your say

##### **Feedback**

Students felt the assessment tasks were appropriate, helpful for learning the material, returned in a time frame that supported learning and feedback was supportive.

##### **Recommendation**

It is recommended that assessment tasks continue to be of an appropriate standing to be helpful for learning the material and support learning.

## Unit Learning Outcomes

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

1. Discuss the etiology, incidence and pathophysiology of commonly encountered conditions of the spine and extremities in chiropractic practice
2. Describe the clinical presentation of commonly encountered conditions of the spine and extremities in chiropractic practice
3. Demonstrate an introductory level of clinical reasoning in relation to the selection and application of commonly used assessment and management procedures.

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 - Online Quiz(zes) - 30%	•	•	
3 - In-class Test(s) - 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 - Online Quiz(zes) - 30%		•	•	•		•				
3 - In-class Test(s) - 50%		•	•	•						

## Textbooks and Resources

### Textbooks

CHIR12007

#### Prescribed

##### **Differential Diagnosis for the Chiropractor**

Edition: 5th (2018)

Authors: TA Souza

Jones and Bartlett

USA

ISBN: 9781284457001

Binding: Paperback

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#### Supplementary

##### **Orthopaedic Neurology A Diagnostic Guide to Neurologic Levels A Diagnostic Guide to Neurologic Levels**

Edition: 2 (2018)

Authors: JD Hoppenfeld and Stanley Hoppenfeld

Lippincott Williams & Wilkins USA

USA

ISBN: 9781496323033

Binding: Hardcover

[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

**Kenneth Lorme** Unit Coordinator

[k.lorme@cqu.edu.au](mailto:k.lorme@cqu.edu.au)

## Schedule

### **Week 1 - Introduction and Cervical Spine - 08 Mar 2021**

Module/Topic

Chapter

Events and Submissions/Topic

1.1 Unit profile, expectations, assessments and portfolio.	Orthopedic Physical Assessment 6th (2014); Authors: David J. Magee; Chapter 1	
1.2 Developing a Diagnosis, Differential Diagnosis, Clinical Reasoning & Guideline based management	AOSpine Masters Series, Volume 5: Cervical Spine Trauma. Stuttgart: Thieme Medical, Incorporated, 2015. Web.; Chapter 1	Portfolio Questions to be submitted no later than Sunday 6PM after the weekly material presented.
1.3 Red and Yellow Flags		Weekly Test
1.4 Pain		
1.5 Cervical Spine: Tissue & Anatomy, Facet Sprain vs. Dysfunction; Cervical Muscle strain; Subluxation/ Cervical Manipulable lesions	Differential Diagnosis for the Chiropractor Protocols and Algorithms 5th (2016); Authors: Souza T.A; 59-72	

## Week 2 - Cervical Spine Continued - 15 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
	Orthopedic Physical Assessment 6th (2014); Authors: David J. Magee; Chapter 3 - Cervical Spine 148-162, 180-183	
2.1 OA - Spondylosis, Uncovertebral and Facet arthrosis; Stenosis	Differential Diagnosis for the Chiropractor Protocols and Algorithms 5th (2016); Authors: Souza T.A; 79-96, 103-104	Portfolio Questions to be submitted no later than Sunday 6PM after the weekly material presented.
2.2	AOSpine Masters Series, Volume 5: Cervical Spine Trauma. Stuttgart: Thieme Medical, Incorporated, 2015. Web.; Chapters 2-16	Weekly Test
A. Whiplash/ WAD		
B. Cervical Spine Trauma	Kasch, Helge, Dennis Turk, and Troels S. Jensen. Whiplash Injury : Perspectives on the Development of Chronic Pain. 2016. Web.; Chapters 3 & 8	
2.3 Cervical Disc Lesions, Radiculopathy and Myelopathy		
2.4 Torticollis		

## Week 3 - Thoracic Spine - 22 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
3.1 Thoracic Spine - Tissue and Anatomy; Mechanical Pain	Orthopedic Physical Assessment 6th (2014); Author: David J. Magee; Chapter 8, Thoracic Spine; 508-515, 536 (Tables)	
3.2 Costochondritis, Scapulocostal Bursitis/ Tendonitis, Herpes Zoster; Thoracic Disc lesions	Differential Diagnosis for the Chiropractor Protocols and Algorithms 5th (2016); Authors: Souza T.A; 119-123, 127-133	Portfolio Questions to be submitted no later than Sunday 6PM after the weekly material presented.
3.3 Compression fracture; Rib - Subluxation vs Fracture	Merck Manual of Diagnosis and Therapy 20th; Authors: Merck Editor; 1624-1625	Weekly Test
3.4 Thoracic Spine OA and other common Arthropathies; Facet Syndrome		
3.5 Scheuermann's disease; Postural Syndromes		

## Week 4 - Lumbar Spine - 29 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
4.1 Lumbar Spine - Tissue and Anatomy	Orthopedic Physical Assessment 6th (2014); Author: David J. Magee; Chapter 9, Lumbar Spine; 550-562, 563 & 566 (Tables), 588-594; Chapter 10, Pelvis; 649-654	Portfolio Questions to be submitted no later than Sunday 6PM after the weekly material presented.
4.2 Chronic LBP. Disc Disease and OA	Differential Diagnosis for the Chiropractor Protocols and Algorithms 5th (2016); Authors: Souza T.A; 163-180, 190-221, 233-235	Weekly Test
4.3 Lumbar Radiculopathy, Spinal Stenosis, Sciatica, Piriformis S		
4.4 Lumbar Strain/Sprain; SI syndrome; Coccyx		

## Week 5 - Lumbar Sacral Spine - 05 Apr 2021

Module/Topic	Chapter	Events and Submissions/Topic
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5.1 Special Groups & Cauda Equina  
 5.2 Spinal Myofascial Pain Disorders  
 (incl dysfunction/ subluxation);  
 Postural Dysfunctions  
 5.3 Other Conditions  
 Infection, Herpes Zoster (Shingles),  
 Neuropathy (DM, Alcoholic); AAA

No additional Reading

Portfolio Questions to be submitted no  
 later than Sunday 6PM after the  
 weekly material presented.  
 Weekly Test

### Vacation Week - 12 Apr 2021

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

### Week 6 - Review Spinal Cervical, Thoracic and Lumbar Sacral/ Script Concordance - 19 Apr 2021

Module/Topic	Chapter	Events and Submissions/Topic
6.1 Script Concordance Review Cases Full Spine	Readings per e-Reading list Script Concordance	Portfolio Questions to be submitted no later than Sunday 6PM after the weekly material presented. Weekly Test

### Week 7 - Neuropathies & Entrapments/ Gait - 26 Apr 2021

Module/Topic	Chapter	Events and Submissions/Topic
7.1 Overview of Nerve Entrapment/ Nerve Compression/ Compression Neuropathy 7.2 Upper Limb a. Pronator Teres S b. CTS - Carpal Tunnel S c. Ulnar Nerve S d. Cubital Tunnel Entrapment 7.3 Lower Limb a. Meralgia Paresthetica b. Tibial and Deep Peroneal Nerve Entrapment c. TTS - Tarsal Tunnel S d. Morton's neuroma 7.4 Gait	Patten, John. Neurological Differential Diagnosis. 2nd ed. London ; New York: Springer, 1996. Print; Chapters 16 & 17 Orthopedic Physical Assessment 6th (2014); Author: David J. Magee; Chapter 6, Elbow; 399, 412-416, 426 (Table); Chapter 7, Wrist/ Hand, 483 (+Table); Chapter 11, 731-732, 734 (Table), Chapter 12, 852-854; Chapter 13, 942-947	Portfolio Questions to be submitted no later than Sunday 6PM after the weekly material presented. Weekly Test

### Week 8 - Myofascial/ Gait (continued) - 03 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
7.4 Gait (cont) 8.1 Myofascial 8.2 Misc.	Readings per e-reading list	Portfolio Questions to be submitted no later than Sunday 6PM after the weekly material presented. Weekly Test

### Week 9 - Shoulder - 10 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
9.1 Review Shoulder Anatomy and Tissue 9.2 Subacromial Bursitis, Adhesive Capsulitis 9.3 Rotator Cuff S , Impingement, Labral Tears, 9.4 Misc a. Shoulder Trauma (Fracture/ Dislocation) & Instability b. Shoulder Arthropathies	Orthopedic Physical Assessment 6th (2014); Author: David J. Magee; Chapter 5, Shoulder; 252-264; 349 Differential Diagnosis for the Chiropractor Protocols and Algorithms 5th (2016); Authors: Souza T.A; 237-245, 272-288, 298-300	Portfolio Questions to be submitted no later than Sunday 6PM after the weekly material presented. Weekly Test

### Week 10 - Elbow, Wrist, Hand - 17 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
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10.1 Review Elbow, Wrist and Hand Tissue and Anatomy  
 10.2 Tennis/ Golfer's Elbow  
 10.3 Elbow Bursitis/ Tendonitis  
 10.4 Wrist Intersection  
 10.5 Misc  
 a. Elbow, Wrist and Hand trauma Fracture/ Dislocation)  
 b. Elbow, Wrist and Hand Arthropathies

Orthopedic Physical Assessment 6th (2014); Author: David J. Magee; Chapter 6, Elbow; 388-90; Chapter 7, Wrist/ Hand, 429-433  
 Differential Diagnosis for the Chiropractor Protocols and Algorithms 5th (2016); Authors: Souza T.A; 303-308, 311-321, 326-336, 342-356

Final Portfolio Questions to be submitted no later than Friday 11:45 PM AEST (21/5/2021)  
 Weekly Test  
**weekly portfolio submission** Due: Week 10 Friday (21 May 2021) 11:45 pm AEST

#### Week 11 - Review of Term and Practical Cases - 24 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
Review Week 11.1 Series of Practice Cases that Incorporate this Terms Learning Objectives	No specific reading	No submissions

#### Week 12 - Practice Cases - 31 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
12.1 Series of Practice Cases that Incorporate this Terms Learning Objectives	None specific	None for CAD

#### Review/Exam Week - 07 Jun 2021

Module/Topic	Chapter	Events and Submissions/Topic
		End of Term Test (Thursday 9-11)  <b>End of Term Test</b> Due: Review/Exam Week Thursday (10 June 2021) 11:00 am AEST

#### Exam Week - 14 Jun 2021

Module/Topic	Chapter	Events and Submissions/Topic
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## Assessment Tasks

### 1 weekly portfolio submission

#### Assessment Type

Portfolio

#### Task Description

Portfolio Questions

Each week you will be expected to upload to Moodle the portfolio questions with answers found weekly in Moodle. These questions will be discussed in tutorial the following week. You will be expected to correct any answers that are not correct in your portfolio. This will commence week 1 and will assist with review for the final assessment.

#### Assessment Due Date

Week 10 Friday (21 May 2021) 11:45 pm AEST

Every Sunday by 6 PM after the material is presented. Final submission the Friday of Week 10 by 11:45 PM.

#### Return Date to Students

Week 11 Friday (28 May 2021)

Feedback in tutorial in the following week.

#### Weighting

20%

#### Minimum mark or grade

50%



**Assessment Criteria**

All weekly portfolio questions are to be uploaded with attempted answers by Sunday 6 PM after the material has been presented . If there is no weekly submission by the student, a zero will be allotted for that week. Marking rubric will be posted on Moodle. It is expected that by the end of the term, the portfolio will be complete with correct answers

**Referencing Style**

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

**Submission**

Online

**Submission Instructions**

Turnitin

**Learning Outcomes Assessed**

- Demonstrate an introductory level of clinical reasoning in relation to the selection and application of commonly used assessment and management procedures.

**Graduate Attributes**

- Communication
- Problem Solving
- Critical Thinking
- Ethical practice

## 2 Weekly Quiz

**Assessment Type**

Online Quiz(zes)

**Task Description**

Each week you will be expected to perform an online quiz This will commence week 1 and will assist with review for the final assessment. The quiz will be based on the current weeks material. It will involve multiple choice / True and False and Matching questions. It will be a 15 minute quiz. The quiz will be available during a 24 hour window.

**Number of Quizzes****Frequency of Quizzes**

Weekly

**Assessment Due Date****Return Date to Students****Weighting**

30%

**Minimum mark or grade**

50%

**Assessment Criteria**

All weekly quizzes will be graded. If there is no weekly submission by the student a grade of zero will be given.

**Referencing Style**

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

**Submission**

Online

**Learning Outcomes Assessed**

- Discuss the etiology, incidence and pathophysiology of commonly encountered conditions of the spine and extremities in chiropractic practice
- Describe the clinical presentation of commonly encountered conditions of the spine and extremities in chiropractic practice

**Graduate Attributes**

- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence

### 3 End of Term Test

**Assessment Type**

In-class Test(s)

**Task Description**

You will be able to recall important and clinically relevant concepts of diseases presented as they relate to conditions presented. You will be able to demonstrate diagnosis and differential diagnosis skills based on clinical history and clinical findings. You will be able to formulate a reasonable management strategy for the diagnosis of the conditions presented. The examination will cover all material presented throughout the term.

**Assessment Due Date**

Review/Exam Week Thursday (10 June 2021) 11:00 am AEST

End of Term Test starts at 9AM as per time table.

**Return Date to Students**

Exam Week Friday (18 June 2021)

via Moodle

**Weighting**

50%

**Minimum mark or grade**

50%

**Assessment Criteria**

A grade of 50% is required for a Pass.

**Referencing Style**

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

**Submission**

Online

**Learning Outcomes Assessed**

- Discuss the etiology, incidence and pathophysiology of commonly encountered conditions of the spine and extremities in chiropractic practice
- Describe the clinical presentation of commonly encountered conditions of the spine and extremities in chiropractic practice
- Demonstrate an introductory level of clinical reasoning in relation to the selection and application of commonly used assessment and management procedures.

**Graduate Attributes**

- Problem Solving
- Critical Thinking
- Information Literacy

## 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