



CHIR12007 Clinical Assessment and Diagnosis 1

Term 1 - 2017

Profile information current as at 05/05/2024 05:08 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

Following on from the basic assessment routines taught and practiced in the Foundations of Chiropractic Practice units, this unit prepares you to assess and test for neurological conditions. It focuses on clinical neuroanatomy and its basic application to professional chiropractic practice. You will learn neurophysiology of pain, neuropathology and neuroanatomy. You will be introduced to common conditions and their basic neurological assessment. Simple case studies will be used to assist you with learning the diagnostic process.

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: CHIR12008 Neuromusculoskeletal Anatomy 2 and BMSC12007 Neurological Physiology and Measurement and MPAT12001 Medical Pathophysiology and CHIR12006 Foundations of Chiropractic Practice 4

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 - 2017

- 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. **Practical Assessment**

Weighting: 60%

2. **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 Students

Feedback

Lecture approach

Recommendation

Increased pre-recording of core content, with enhanced discussion for integration of knowledge within the lecture time.

Action

All lectures were recorded and made available through moodle asap.

Feedback from Students

Feedback

Tutorial organisation

Recommendation

Enhanced structure and direction for optimal use of tutorial time

Action

Practical manuals and structured exam procedures developed.

Feedback from Students

Feedback

Access to Draw It To Know It website

Recommendation

Rolling yearly university subscription to this website so students have a return reference point while completing the subject. This site can be utilised by other courses within the program, and university.

Action

Access to Draw It was developed through the library with ongoing access and utilisation.

Feedback from Students

Feedback

Weighting of assessment pieces

Recommendation

Increased weighting of portfolio, decreased weighting of practical assessment.

Action

Assessment tasks were changed with a new unit coordinator.

Unit Learning Outcomes

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

1. Apply knowledge of neuroanatomy and neurophysiology to clinical scenarios.
2. Explain the neurophysiology of pain
3. Explain how pathological processes affect neurological structure and function
4. Conduct basic neurological examinations and interpret case history in order to develop a diagnosis as it pertains to a neurological presentation.

Alignment of Learning Outcomes, Assessment and Graduate Attributes

 N/A Level	 Introductory Level	 Intermediate Level	 Graduate Level	 Professional Level	 Advanced Level
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Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes			
	1	2	3	4
1 - Practical Assessment - 60%	•			•
2 - Examination - 40%	•	•	•	•

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes			
	1	2	3	4
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 - Practical Assessment - 60%	•	•	•					•		
2 - Examination - 40%		•	•	•						

Textbooks and Resources

Textbooks

CHIR12007

Prescribed

Clinical Anatomy of the spine, spinal cord and ANS.

Edition: 3rd (2013)

Authors: Cramer G.D and Darby S.A

Elsevier

St. Louis , MI , USA

ISBN: 13: 000-0323079547

Binding: Hardcover

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Prescribed

Neurological Differential Diagnosis

Edition: 2nd (1996)

Authors: John Patten

Springer Science & Business Media

Berlin , Berlin , Germany

ISBN: 9783540662846 ebook; 9788181281777 print

Binding: Hardcover

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Supplementary

Quick Clinical Reference Physical Assessment Manual

Edition: 3rd (2010)

Authors: Vizniak N.A

Professional Health Systems

Box Hill , Victoria , Australia

ISBN: 978-0-9732742-0-2

Binding: Hardcover

Additional Textbook Information

1. Paper copies of Neurological Differential Diagnosis can be ordered in at the CQUni Bookshop here:

<http://bookshop.cqu.edu.au>

However the ebook copy is freely available online.

2. The remaining texts are also available in paper form at the CQUni Bookshop.

[View textbooks at the CQUniversity Bookshop](#)

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)

Referencing Style

All submissions for this unit must use the referencing style: [American Psychological Association 6th Edition \(APA 6th edition\)](#)

For further information, see the Assessment Tasks.

Teaching Contacts

Michael Edgley Unit Coordinator

m.edgley@cqu.edu.au

Schedule

Week 1 - 06 Mar 2017

Module/Topic	Chapter	Events and Submissions/Topic
Review Unit Profile History Taking Neuron Theory & Anatomy	All relevant introductory material will be made available on Moodle	

Week 2 - 13 Mar 2017

Module/Topic	Chapter	Events and Submissions/Topic
Neurotransmitters and their Receptors	All relevant Neurotransmitters material will be made available on Moodle	

Week 3 - 20 Mar 2017

Module/Topic	Chapter	Events and Submissions/Topic
Motor System: Lower Motor Neuron	All relevant Motor System material will be made available on Moodle	

Week 4 - 27 Mar 2017

Module/Topic	Chapter	Events and Submissions/Topic
Motor System: Upper Motor Neuron	All relevant Motor System material will be made available on Moodle	

Week 5 - 03 Apr 2017

Module/Topic	Chapter	Events and Submissions/Topic
Sensory System: Tactile & Proprioception	All relevant Sensory System material will be made available on Moodle	

Vacation Week - 10 Apr 2017

Module/Topic	Chapter	Events and Submissions/Topic
Mid-term break	Mid-term break	

Week 6 - 17 Apr 2017

Module/Topic	Chapter	Events and Submissions/Topic
Review Upper and Lower limb examination	All relevant UL & LL Review material will be made available on Moodle	In Class Practical Assessment

Week 7 - 24 Apr 2017

Module/Topic	Chapter	Events and Submissions/Topic
Sensory System: Temperature & Nociception	All relevant Sensory System material will be made available on Moodle	

Week 8 - 01 May 2017

Module/Topic	Chapter	Events and Submissions/Topic
Cerebellum	All relevant Cerebellum material will be made available on Moodle	

Week 9 - 08 May 2017

Module/Topic	Chapter	Events and Submissions/Topic
Pain	All relevant Pain material will be made available on Moodle	

Week 10 - 15 May 2017

Module/Topic	Chapter	Events and Submissions/Topic
Neuropathology	All relevant Neuropathology material will be made available on Moodle	

Week 11 - 22 May 2017

Module/Topic	Chapter	Events and Submissions/Topic
Neuropathology	All relevant Neuropathology material will be made available on Moodle	

Week 12 - 29 May 2017

Module/Topic	Chapter	Events and Submissions/Topic
Neuropathology	All relevant Neuropathology material will be made available on Moodle	In Class Practical Assessment

Review/Exam Week - 05 Jun 2017

Module/Topic	Chapter	Events and Submissions/Topic
Review for theory and practical exams	All relevant review material will be made available on Moodle	

Exam Week - 12 Jun 2017

Module/Topic	Chapter	Events and Submissions/Topic
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Term Specific Information

The course coordinator is Andy Dane, and can be contacted by email at a.dane@cqu.edu.au.

Mike Edgley (mike.edgley@cqu.edu.au) will be delivering all the lectures via ISL. You are highly encouraged to attend the live and interactive session as this will greatly assist you in you not only passing but excelling in this unit. We would encourage you to contact us via the discussion forums on the Moodle page, or at a last resort via our attached email addresses.

Your attendance at on-campus tutorials is required. Content that will be assessed will be covered in each tutorial session.

Assessment Tasks

1 Practical Assessment

Assessment Type

Practical Assessment

Task Description

You will be required to perform region appropriate neurological assessments. The practical assessment is worth a total of 60% divided between two in class assessments. The assessments are weighted as follows;

Please refer to the "Assessment Criteria" below for further details.

Assessment Due Date

Assessment time will be around the tutorial time in each location (MKY, BNE, SYD) and will be specified for individuals in Week 11

Return Date to Students

Exam Week Friday (16 June 2017)

Weighting

60%

Minimum mark or grade

65%

Assessment Criteria

You will be required to perform region appropriate neurological assessments. These will include nerve tension tests, myotomal assessment, dermatomal assessment, and muscle stretch reflex assessment. The practical assessment is worth a total of 60% divided between two in class assessments. The assessments are weighted as follows;

- Upper Limb (UL) 20% (week 6)
- Lower Limb (LL) 20% & integrated cases 20% (UL 10% & LL 10%) = 40% total (week

12)¿

Referencing Style

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

Submission

Offline

Learning Outcomes Assessed

- Apply knowledge of neuroanatomy and neurophysiology to clinical scenarios.
- Conduct basic neurological examinations and interpret case history in order to develop a diagnosis as it pertains to a neurological presentation.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Ethical practice

Examination**Outline**

Complete an invigilated examination.

Date

During the examination period at a CQUniversity examination centre.

Weighting

40%

Length

180 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