# CHIR8101

## Clinical Chiropractic 1

Session 1, In person-scheduled-weekday, North Ryde 2023

*Department of Chiropractic*

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## General Information

<table>
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<th>Unit convenor and teaching staff</th>
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<tr>
<td>Unit convenor and lecturer</td>
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<tr>
<td>Christopher Burrell</td>
<td></td>
</tr>
<tr>
<td><a href="mailto:christopher.burrell@mq.edu.au">christopher.burrell@mq.edu.au</a></td>
<td></td>
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<tr>
<td>Contact via Email</td>
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**Lead Tutor - Tuesday tutorials**

<table>
<thead>
<tr>
<th>Tutor</th>
<th>Email</th>
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<tbody>
<tr>
<td>Stephen Esposito</td>
<td><a href="mailto:stephen.esposito@mq.edu.au">stephen.esposito@mq.edu.au</a></td>
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<td>Contact via Email</td>
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**Credit points**

- 10

**Prerequisites**

- Admission to MChiroprac and (CHIR3106 or CHIR316) or (CHIR6110 or CHIR602) and (CHIR6111 or CHIR603) and (CHIR6302 or CHIR604) and (CHIR6303 or CHIR605) and (CHIR6410 or CHIR606) and (CHIR6510 or CHIR608)

**Corequisites**

- Co-badged status

**Unit description**

This unit provides a thorough coverage of chiropractic technique including spinal and peripheral joint manipulative procedures, as well as physical assessment procedures such as static and motion palpation. The unit covers one technique in detail; Diversified, as well as peripheral joint mobilisation and manipulation. By the completion of this unit you will be well grounded in a range of spinal manipulative techniques. Major themes relating to evidence-based practice (EBP) and clinical chiropractic continue to be developed across the chiropractic skills units.

## Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at [https://www.mq.edu.au/study/calendar-of-dates](https://www.mq.edu.au/study/calendar-of-dates)

## Learning Outcomes

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

**ULO1:** Perform spinal adjustments and/or mobilisations with the appropriate associated...
skills; i.e. Demonstrate advanced tactile/palpation skills and hand/body/eye co-ordination of movements approaching practitioner level.

**ULO2:** Demonstrate control of adjustment/mobilisation procedures with regard to patient body type, patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive.

**ULO3:** Perform advanced static and motion palpation of spinal and peripheral joint systems.

**ULO4:** Apply knowledge of spinal joint biomechanics and pathomechanics in a clinical context.

**ULO5:** Assess and treat a variety of basic musculo-skeletal complaints at the proficiency of "clinician".

**ULO6:** Apply research skills at the level of open inquiry within structured guidelines as part of a research skills development (RSD) progression.

## Assessment Tasks

<table>
<thead>
<tr>
<th>Name</th>
<th>Weighting</th>
<th>Hurdle</th>
<th>Due</th>
</tr>
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<tbody>
<tr>
<td>iLearn Quiz 1</td>
<td>5%</td>
<td>No</td>
<td>Week 7</td>
</tr>
<tr>
<td>Feedback on Chiropractic Application 1</td>
<td>10%</td>
<td>No</td>
<td>Week 8</td>
</tr>
<tr>
<td>(FoCA)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>iLearn Quiz 2</td>
<td>5%</td>
<td>No</td>
<td>Week 12</td>
</tr>
<tr>
<td>Objective Structured Clinical Exam (OSCE)</td>
<td>40%</td>
<td>Yes</td>
<td>Week 12</td>
</tr>
<tr>
<td>End of semester written examination</td>
<td>40%</td>
<td>No</td>
<td>University exam period</td>
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### iLearn Quiz 1

**Assessment Type:** Quiz/Test  
**Indicative Time on Task:** 3 hours  
**Due:** *Week 7*  
**Weighting:** 5%

Online quiz covering material from weeks 1 to 6

On successful completion you will be able to:
• Apply knowledge of spinal joint biomechanics and pathomechanics in a clinical context.
• Assess and treat a variety of basic musculo-skeletal complaints at the proficiency of "clinician".
• Apply research skills at the level of open inquiry within structured guidelines as part of a research skills development (RSD) progression.

Feedback on Chiropractic Application 1 (FoCA)

Assessment Type: Clinical performance evaluation
Indicative Time on Task: 4 hours
Due: Week 8
Weighting: 10%

Feedback on Chiropractic Application (FoCA): You will perform a chiropractic practical exam within normal tutorial time. Immediately afterward (i.e. during the same class), you will be given feedback on your performance. The layout of the exam will help prepare you for the OSCE.

On successful completion you will be able to:
• Perform spinal adjustments and/or mobilisations with the appropriate associated skills; i.e. Demonstrate advanced tactile/palpation skills and hand/body/eye co-ordination of movements approaching practitioner level.
• Demonstrate control of adjustment/mobilisation procedures with regard to patient body type, patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive.
• Perform advanced static and motion palpation of spinal and peripheral joint systems.

iLearn Quiz 2

Assessment Type: Quiz/Test
Indicative Time on Task: 3 hours
Due: Week 12
Weighting: 5%

Online quiz covering material from weeks 7 to 11

On successful completion you will be able to:
• Apply knowledge of spinal joint biomechanics and pathomechanics in a clinical context.
Assess and treat a variety of basic musculo-skeletal complaints at the proficiency of "clinician".

Apply research skills at the level of open inquiry within structured guidelines as part of a research skills development (RSD) progression.

Objective Structured Clinical Exam (OSCE)
Assessment Type 1: Clinical performance evaluation
Indicative Time on Task 2: 9 hours
Due: Week 12
Weighting: 40%

This is a hurdle assessment task (see assessment policy for more information on hurdle assessment tasks)

Objective Structural Clinical Exam (OSCE): You will perform a practical exam over a number of stations during the end of semester practical examination period

On successful completion you will be able to:
- Perform spinal adjustments and/or mobilisations with the appropriate associated skills; i.e. Demonstrate advanced tactile/palpation skills and hand/body/eye co-ordination of movements approaching practitioner level.
- Demonstrate control of adjustment/mobilisation procedures with regard to patient body type, patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive.
- Perform advanced static and motion palpation of spinal and peripheral joint systems.

End of semester written examination
Assessment Type 1: Examination
Indicative Time on Task 2: 10 hours
Due: University exam period
Weighting: 40%

The end of semester written exam is a closed book examination of all the material covered in the unit.

On successful completion you will be able to:
• Apply knowledge of spinal joint biomechanics and pathomechanics in a clinical context.
• Assess and treat a variety of basic musculo-skeletal complaints at the proficiency of "clinician".
• Apply research skills at the level of open inquiry within structured guidelines as part of a research skills development (RSD) progression.

1 If you need help with your assignment, please contact:

• the academic teaching staff in your unit for guidance in understanding or completing this type of assessment
• the Writing Centre for academic skills support.

2 Indicative time-on-task is an estimate of the time required for completion of the assessment task and is subject to individual variation

Delivery and Resources

Classes

• The timetable for classes can be found on the University web site at:
  http://www.timetables.mq.edu.au/
• As this is a technique unit it is vital to maintain student:tutor ratios. You MUST attend your allocated tutorial time.
• Tutorials begin on Monday of Week 2.
• Tutorial attendance/participation is necessary to fulfill the learning objectives of this unit. 80% attendance is the minimum acceptable standard to ensure safe participation in practical assessments.
• 3 x 100-minute tutorials per week (2-hour time slot, minus time for lab cleaning and class changeover) Monday, Tuesday & Thursday.
• 2 x 1-hour lectures per week in a mix of pre-recorded lectures and live lectures delivered in the theatre.

Policies and Procedures

Macquarie University policies and procedures are accessible from Policy Central (https://policies.mq.edu.au). Students should be aware of the following policies in particular with regard to Learning and Teaching:

• Academic Appeals Policy
Academic Integrity Policy
Academic Progression Policy
Assessment Policy
Fitness to Practice Procedure
Assessment Procedure
Complaints Resolution Procedure for Students and Members of the Public
Special Consideration Policy

Students seeking more policy resources can visit Student Policies (https://students.mq.edu.au/support/study/policies). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

To find other policies relating to Teaching and Learning, visit Policy Central (https://policies.mq.edu.au) and use the search tool.

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: https://students.mq.edu.au/admin/other-resources/student-conduct

Results

Results published on platform other than eStudent, (eg. iLearn, Coursera etc.) or released directly by your Unit Convenor, are not confirmed as they are subject to final approval by the University. Once approved, final results will be sent to your student email address and will be made available in eStudent. For more information visit ask.mq.edu.au or if you are a Global MBA student contact globalmba.support@mq.edu.au

Academic Integrity

At Macquarie, we believe academic integrity – honesty, respect, trust, responsibility, fairness and courage – is at the core of learning, teaching and research. We recognise that meeting the expectations required to complete your assessments can be challenging. So, we offer you a range of resources and services to help you reach your potential, including free online writing and maths support, academic skills development and wellbeing consultations.

Student Support

Macquarie University provides a range of support services for students. For details, visit http://students.mq.edu.au/support/

The Writing Centre

The Writing Centre provides resources to develop your English language proficiency, academic writing, and communication skills.

- Workshops
- Chat with a WriteWISE peer writing leader
- Access StudyWISE
Student Services and Support

Macquarie University offers a range of **Student Support Services** including:

- **IT Support**
- **Accessibility and disability support** with study
- **Mental health support**
- **Safety support** to respond to bullying, harassment, sexual harassment and sexual assault
- **Social support including information about finances, tenancy and legal issues**
- **Student Advocacy** provides independent advice on MQ policies, procedures, and processes

**Student Enquiries**

Got a question? Ask us via [AskMQ](https://www.mq.edu.au/about_us/offices_and_units/information_technology/help/), or contact [Service Connect](https://www.mq.edu.au/about_us/offices_and_units/information_technology/help/).

**IT Help**

For help with University computer systems and technology, visit [http://www.mq.edu.au/about_us/offices_and_units/information_technology/help/](http://www.mq.edu.au/about_us/offices_and_units/information_technology/help/).

When using the University's IT, you must adhere to the [Acceptable Use of IT Resources Policy](https://www.mq.edu.au/about_us/offices_and_units/information_technology/help/). The policy applies to all who connect to the MQ network including students.