



# PHTY8107

## Physiotherapy Practice C

Session 1, Special circumstances, North Ryde 2021

*Department of Health Professions*

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#### **Notice**

As part of [Phase 3 of our return to campus plan](#), most units will now run tutorials, seminars and other small group activities on campus, and most will keep an online version available to those students unable to return or those who choose to continue their studies online.

To check the availability of face-to-face activities for your unit, please go to [timetable viewer](#). To check detailed information on unit assessments visit your unit's iLearn space or consult your unit convenor.

# General Information

Unit convenor and teaching staff

Unit Convenor, Lecturer, Tutor

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Credit points

10

Prerequisites

(PHTY800 or PHTY8100) and (PHTY801 or PHTY8101) and (PHTY802 or PHTY8102) and (MEDI915 or MEDI8105 or PHTY803 or PHTY8103)

Corequisites

Co-badged status

Unit description

This unit will develop your knowledge and skills to assess and treat individuals of all ages with disorders of the cardiorespiratory and neurological systems. Delivered in two modules - a neurological physiotherapy module and a cardiorespiratory physiotherapy module, you will engage in a focused exploration of the common conditions affecting each of these specific body systems, whilst considering these in the context of holistic person-centred care. You will develop the ability to select and implement evidence-based interventions based on advanced clinical reasoning and skill application, and considering the individual's social and cultural background, preferences and expectations. At the completion of the unit you will be expected to have demonstrated sufficient evidence that you meet the unit learning outcomes for both modules independently.

## Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at <https://students.mq.edu.au/important-dates>

## Learning Outcomes

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

**ULO1:** Describe common disorders of the cardiorespiratory and neurological systems and the principles of, and efficacy for, medical and physiotherapy treatment of these conditions, as well as the role of other health professionals involved in the assessment and/or management of individuals with these conditions. (Scientist and Scholar)

**ULO3:** Analyse assessment findings to form a diagnosis and a prioritised list of impairments, activity limitations and participation restrictions. (Clinical Practitioner)

**ULO2:** Apply the biopsychosocial model to effectively and efficiently assess people with cardiorespiratory and neurological disorders including a comprehensive history and physical examination. (Clinical Practitioner)

**ULO4:** Communicate effectively with people with cardiorespiratory and neurological

disorders to provide appropriate information about their diagnosis and prognosis, and to select a treatment which considers the individual's social and cultural background, preferences and expectations. (Clinical Practitioner)

**ULO5:** Competently develop and implement a culturally sensitive, person-centred physiotherapy plan that addresses the individual's goals, utilises evidence-based treatment and is evaluated using appropriate outcome measures. (Clinical Practitioner)

## General Assessment Information

Information concerning Macquarie University's assessment policy is available at <https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policies/assessment>. Grade descriptors and other information concerning grading requirements are contained in Schedule 1 of the Macquarie University Assessment Policy.

Further details for each assessment task will be available on iLearn, including marking rubrics.

All final grades in the Department of Health Professions are determined by the Faculty of Medicine, Health and Human Sciences Assessment Committee, and are approved by the Faculty Board. They are not the sole responsibility of the Unit Convenor. Students will be awarded an Assessment Grade plus a Standardised Numerical Grade (SNG). The SNG is not necessarily a summation of the individual assessment components. The final grade and SNG that are awarded reflect the corresponding grade descriptor in Schedule 1 of the Assessment Policy.

This unit consists of two distinct modules: cardiorespiratory physiotherapy and neurological physiotherapy. To pass this unit, students must demonstrate sufficient evidence of achievement of learning outcomes for both the neurological physiotherapy and cardiorespiratory physiotherapy modules. If there is a lack of sufficient evidence demonstrating that a student has met the required level of achievement in all learning outcomes in one or both of the modules, they will be awarded a Fail grading with an assigned mark of 49 or less.

### Extensions for Assessment Tasks

Applications for assessment task extensions may be considered for short-term, unexpected, serious, and unavoidable circumstances affecting assessment. Applications must be submitted via [www.ask.mq.edu.au](http://www.ask.mq.edu.au). For further details please refer to the Special Considerations Policy available at <https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policies/special-consideration>

### Mastery - Hurdle Requirement

In this unit mastery is a hurdle requirement. A hurdle requirement is an assessment task mandating a minimum level of performance as a condition of passing a unit of study. The mastery register for PHTY8107 PPC is a list of 10 skills in which competence is considered to be a requirement for the assurance of quality physiotherapy practice for registration. Students must demonstrate a minimum level of competence in these skills as a condition of passing this unit by achieving **60% completion** of the mastery register (that is to achieve completion of **6/10 items**) by the date stipulated by 5pm on Friday in week 13 in order to successfully complete the unit.

For PHTY8107 PPC there are 5 mastery items related to the neurological module and 5 items related to the cardiorespiratory module. Students are required to achieve **60% completion of the mastery register within each of these modules** (that is to achieve completion of a minimum of **3/5 items for each module**) in order to successfully complete the unit.

## Assessment Tasks

Name	Weighting	Hurdle	Due
<a href="#">Clinical Simulation Exam 1</a>	25%	No	Week 7
<a href="#">Clinical Simulation Exam 2</a>	25%	No	Week 14-16
<a href="#">Open-book Written Examination</a>	50%	No	Week 14-16
<a href="#">Mastery register</a>	0%	Yes	Ongoing

### Clinical Simulation Exam 1

Assessment Type <sup>1</sup>: Clinical performance evaluation

Indicative Time on Task <sup>2</sup>: 15 hours

Due: **Week 7**

Weighting: **25%**

You will perform a practical examination which involves a simulated assessment and treatment of a person with a condition covered in the first half of the session using a case-based scenario.

On successful completion you will be able to:

- Describe common disorders of the cardiorespiratory and neurological systems and the principles of, and efficacy for, medical and physiotherapy treatment of these conditions, as well as the role of other health professionals involved in the assessment and/or management of individuals with these conditions. (Scientist and Scholar)
- Analyse assessment findings to form a diagnosis and a prioritised list of impairments, activity limitations and participation restrictions. (Clinical Practitioner)
- Apply the biopsychosocial model to effectively and efficiently assess people with cardiorespiratory and neurological disorders including a comprehensive history and physical examination. (Clinical Practitioner)
- Communicate effectively with people with cardiorespiratory and neurological disorders to provide appropriate information about their diagnosis and prognosis, and to select a treatment which considers the individual's social and cultural background, preferences

and expectations. (Clinical Practitioner)

- Competently develop and implement a culturally sensitive, person-centred physiotherapy plan that addresses the individual's goals, utilises evidence-based treatment and is evaluated using appropriate outcome measures. (Clinical Practitioner)

## Clinical Simulation Exam 2

Assessment Type <sup>1</sup>: Clinical performance evaluation

Indicative Time on Task <sup>2</sup>: 15 hours

Due: **Week 14-16**

Weighting: **25%**

You will perform a practical examination which involves a simulated assessment and treatment of a person with a condition covered in the second half of the session using a case-based scenario.

On successful completion you will be able to:

- Describe common disorders of the cardiorespiratory and neurological systems and the principles of, and efficacy for, medical and physiotherapy treatment of these conditions, as well as the role of other health professionals involved in the assessment and/or management of individuals with these conditions. (Scientist and Scholar)
- Analyse assessment findings to form a diagnosis and a prioritised list of impairments, activity limitations and participation restrictions. (Clinical Practitioner)
- Apply the biopsychosocial model to effectively and efficiently assess people with cardiorespiratory and neurological disorders including a comprehensive history and physical examination. (Clinical Practitioner)
- Communicate effectively with people with cardiorespiratory and neurological disorders to provide appropriate information about their diagnosis and prognosis, and to select a treatment which considers the individual's social and cultural background, preferences and expectations. (Clinical Practitioner)
- Competently develop and implement a culturally sensitive, person-centred physiotherapy plan that addresses the individual's goals, utilises evidence-based treatment and is evaluated using appropriate outcome measures. (Clinical Practitioner)

## Open-book Written Examination

Assessment Type <sup>1</sup>: Examination

Indicative Time on Task <sup>2</sup>: 26 hours

Due: **Week 14-16**

Weighting: **50%**

Final written examination covering all content from this unit. Half of the exam will be devoted to cardiorespiratory physiotherapy (25% of total unit weighting) and half to neurological physiotherapy (25% of total unit weighting). The examination will be a time-limited, open book and focussed on the application of information contained in the unit. The examination questions released on iLearn at a specified time with completed answers needing to be submitted in a document via Turnitin by a pre-specified time.

On successful completion you will be able to:

- Describe common disorders of the cardiorespiratory and neurological systems and the principles of, and efficacy for, medical and physiotherapy treatment of these conditions, as well as the role of other health professionals involved in the assessment and/or management of individuals with these conditions. (Scientist and Scholar)
- Analyse assessment findings to form a diagnosis and a prioritised list of impairments, activity limitations and participation restrictions. (Clinical Practitioner)
- Apply the biopsychosocial model to effectively and efficiently assess people with cardiorespiratory and neurological disorders including a comprehensive history and physical examination. (Clinical Practitioner)
- Communicate effectively with people with cardiorespiratory and neurological disorders to provide appropriate information about their diagnosis and prognosis, and to select a treatment which considers the individual's social and cultural background, preferences and expectations. (Clinical Practitioner)
- Competently develop and implement a culturally sensitive, person-centred physiotherapy plan that addresses the individual's goals, utilises evidence-based treatment and is evaluated using appropriate outcome measures. (Clinical Practitioner)

## Mastery register

Assessment Type <sup>1</sup>: Clinical performance evaluation

Indicative Time on Task <sup>2</sup>: 10 hours

Due: **Ongoing**

Weighting: **0%**

**This is a hurdle assessment task (see [assessment policy](#) for more information on hurdle assessment tasks)**



The mastery register for PHTY8107 is a list of key skills in which competence is considered to be a requirement for the assurance of quality physiotherapy practice for registration. You must demonstrate a minimum level of competence in these skills as a condition of passing this unit by achieving 60% completion of the mastery register for each of the specific unit modules (i.e. neurological and cardiorespiratory modules) in order to successfully complete the unit.

On successful completion you will be able to:

- Apply the biopsychosocial model to effectively and efficiently assess people with cardiorespiratory and neurological disorders including a comprehensive history and physical examination. (Clinical Practitioner)
- Competently develop and implement a culturally sensitive, person-centred physiotherapy plan that addresses the individual's goals, utilises evidence-based treatment and is evaluated using appropriate outcome measures. (Clinical Practitioner)

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<sup>1</sup> 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 [Learning Skills Unit](#) for academic skills support.

<sup>2</sup> 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

### Textbooks and Readings

The following texts are essential resources and available in the library reserve and via Leganto.

- Carr and Shepherd (2010) Neurological rehabilitation: Optimizing motor performance (2nd ed). Elsevier Health Sciences
- Main and Denehey (2016) Cardiorespiratory Physiotherapy: Adults and Paediatrics (5th Edition). Elsevier Health Sciences

Recommendations about specific readings from these and other resources (such as research papers, books, websites and videos) will be listed on iLearn and available through Leganto or the library reserve.

### Technology and Equipment

Teaching rooms are equipped with state of art audio-visual and ICT equipment including iPads, internet connection, high quality video cameras and multiple LCD screens. Students will use a range of physiotherapy specific equipment typically used in the assessment and management of

neurological and cardiorespiratory conditions. Videos of many of the assessment and treatment skills will be available on the iLearn site.

### **Consultation with staff**

All staff will be available for individual consultations, please see iLearn site for information on staff availability for consultation.

### **Teaching and Learning Strategy**

This unit will deliver content in the following manner:

- One pre-recorded online lecture per week,
- One 2 hr face to face practical class per week
- One 1.5 hour online tutorial per fortnight throughout the semester.
- One 1 hour online Q&A session on three occasions in the semester.

Online pre-recorded lectures will provide foundation knowledge and may include embedded consolidation activities, enabling students to use tutorial time efficiently to develop technical clinical skills and clinical decision making. Tutorials and practical classes will rely heavily on the use of case studies and authentic learning environments to assist student engagement and preparation for clinical placements in the following semester.

### **Attendance**

In the Faculty of Medicine, Health and Human Sciences, professionalism is a key capability embedded in all our programs. As part of developing professionalism, Faculty of Medicine and Health Sciences students are expected to attend all small group interactive sessions including tutorials, clinical and laboratory practical sessions.

All lectures are pre-recorded and will be available for viewing prior to associated practical and tutorial classes. Practical classes and online tutorials are scheduled in your individual timetable. The timetable for classes can be found on the University web site at: <http://www.timetables.mq.edu.au/>. You may make a request to your tutor to attend a different tutorial or practical on a one-off basis for extenuating circumstances.

Failure to attend/complete any learning and teaching activities, including lectures and tutorials, may impact your final results. It is the responsibility of the student to contact their tutor or the unit convenor by email to inform tutors if they are going to be absent.

### **iLearn**

This unit's iLearn site will provide weekly resources for students, including:

- lecture notes
- tutorial worksheets
- preparation and consolidation material
- videos
- other teaching resources

- [assessment details](#)

## Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central \(https://policies.mq.edu.au\)](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](#)
- [Grade Appeal Policy](#)
- [Complaint Management Procedure for Students and Members of the Public](#)
- [Special Consideration Policy](#)

Students seeking more policy resources can visit [Student Policies \(https://students.mq.edu.au/support/study/policies\)](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 \(https://policies.mq.edu.au\)](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](https://ask.mq.edu.au) or if you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto:globalmba.support@mq.edu.au)

## Student Support

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

## Learning Skills

Learning Skills ([mq.edu.au/learningskills](https://mq.edu.au/learningskills)) provides academic writing resources and study strategies to help you improve your marks and take control of your study.

- [Getting help with your assignment](#)
- [Workshops](#)

- [StudyWise](#)
- [Academic Integrity Module](#)

The Library provides online and face to face support to help you find and use relevant information resources.

- [Subject and Research Guides](#)
- [Ask a Librarian](#)

## Student Enquiry Service

For all student enquiries, visit Student Connect at [ask.mq.edu.au](http://ask.mq.edu.au)

If you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto:globalmba.support@mq.edu.au)

## Equity Support

Students with a disability are encouraged to contact the [Disability Service](#) who can provide appropriate help with any issues that arise during their studies.

## 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](#). The policy applies to all who connect to the MQ network including students.

## Changes from Previous Offering

The Unit Code for Physiotherapy Practice C was changed to PHTY8107 in 2020. The previous unit code was PHTY807. Please consider this when searching for past examination papers.

This is the first Special Circumstances offering of this unit. However, no substantial changes have been made to the content of the unit from the 2020 weekday offering. Lecture, tutorial and practical class content has been updated from previous offerings as appropriate to reflect changes in evidence and practice.

## Changes since First Published

Date	Description
27/01/2021	Updated staff details