



# PHTY8102

## Fundamentals of Physiotherapy Practice

Session 2, Special circumstance, North Ryde 2020

*Department of Health Professions*

### Contents

<a href="#">General Information</a>	2
<a href="#">Learning Outcomes</a>	3
<a href="#">General Assessment Information</a>	3
<a href="#">Assessment Tasks</a>	4
<a href="#">Delivery and Resources</a>	8
<a href="#">Policies and Procedures</a>	10
<a href="#">Changes from Previous Offering</a>	11

#### Disclaimer

Macquarie University has taken all reasonable measures to ensure the information in this publication is accurate and up-to-date. However, the information may change or become out-dated as a result of change in University policies, procedures or rules. The University reserves the right to make changes to any information in this publication without notice. Users of this publication are advised to check the website version of this publication [or the relevant faculty or department] before acting on any information in this publication.

#### Notice

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

To check the availability of face-to-face and online 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

Joel Fuller

[joel.fuller@mq.edu.au](mailto:joel.fuller@mq.edu.au)

Lecturer

Tim Foulcher

[tim.foulcher@mq.edu.au](mailto:tim.foulcher@mq.edu.au)

Course Director

Taryn Jones

[taryn.jones@mq.edu.au](mailto:taryn.jones@mq.edu.au)

Taryn Jones

[taryn.jones@mq.edu.au](mailto:taryn.jones@mq.edu.au)

Credit points

10

Prerequisites

Admission to DPT

Corequisites

Co-badged status

Unit description

This unit will provide a theoretical framework and build fundamental skills for physiotherapy practice. You will gain an overview of the scope of physiotherapy as a science and evidenced-based health profession providing high quality person-centred health care within a biopsychosocial framework. You will develop fundamental physiotherapy assessment and evidenced-based management skills through the application of the World Health Organisation's International Classification of Functioning, Disability and Health as a model of clinical reasoning.

## 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>

## Learning Outcomes

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

**ULO1:** Explain the contemporary scientific understanding and epidemiology of pain and other common impairments addressed by physiotherapists, including weakness and loss of range of motion that result from soft-tissue or bony injuries. (Scientist & Scholar)

**ULO2:** Apply a model of biopsychosocial physiotherapy clinical reasoning based on The World Health Organization's, International Classification of Functioning, Disability and Health to facilitate physiotherapy assessment and treatment. (Scientist & Scholar)

**ULO3:** Competently perform a physiotherapy assessment, including history and physical examination, and interpret the findings within the context of cultural and social factors. (Clinical Practitioner)

**ULO4:** Competently apply common clinical tools used in physiotherapy practice to measure impairments, activity limitations and participation restrictions. (Clinical Practitioner)

**ULO5:** Describe the key principles and demonstrate skill in selecting and applying appropriate interventions to address different impairments, activity limitations and participation restrictions, including education and manual therapies. (Clinical Practitioner)

**ULO6:** Explain the rationale for use of selected physiotherapy interventions that incorporates an understanding of the physiological effects and current evidence of efficacy, as well as an individual's impairments, preferences and goals. (Scientist & Scholar)

**ULO7:** Work effectively both independently and collaboratively to facilitate skill development in assessment and management. (Professional)

## General Assessment Information

Information concerning Macquarie University's assessment policy is available at [http://mq.edu.au/policy/docs/assessment/policy\\_2016.html](http://mq.edu.au/policy/docs/assessment/policy_2016.html). Grade descriptors and other information concerning grading requirements are contained in Schedule 1 of the Macquarie University Assessment Policy.

To pass this unit, students must demonstrate sufficient evidence of achievement of the learning outcomes. Further details for each assessment task will be available on iLearn, including marking rubrics.

All final grades in the Faculty of Medicine, Health and Human Sciences 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.

Students will be awarded one of these grades 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. If there is a lack of sufficient evidence demonstrating that a student has met the required level of achievement in all learning outcomes 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 Disruption to Studies Policy available at <https://students.mq.edu.au/study/my-study-program/special-consideration/disruption-to-studies>

### Late Submission of Work

All assignments which are officially received after the due date, and where no extension has been granted by the Unit Convenor, will incur a deduction of 10% of the overall assessment weighting for the first day, and 10% for each subsequent day, including the actual day on which the work is received. Assessments received 5 days or more beyond the due date, without an approved extension, will be awarded a maximum of 50% of the overall assessment marks. Weekends and public holidays are included. For example:

Due Date	Received	Days Late	Deduction	Raw Mark	Final Mark
Friday, 14th	Monday 17th	3	30%	75	45

### Hurdle Assessment

The PHTY8102 Mastery Register is a hurdle assessment task. A hurdle requirement is an activity for which a minimum level of performance or participation is a condition of passing the unit in which it occurs. **Students are required to achieve 60% completion of the Mastery Register for both the 5 physiotherapy assessment and 5 physiotherapy management items (i.e. 3/5 items completed for assessment and management content) by the due date to successfully complete the unit.** A student who has obtained a SNG over 50, yet failed the hurdle assessment, fails the unit. Please see Macquarie University's [assessment policy](#) for more information about hurdle assessment tasks.

## Assessment Tasks

Name	Weighting	Hurdle	Due
<a href="#">Viva Exam</a>	30%	No	Week 14-16

Name	Weighting	Hurdle	Due
Quiz	20%	No	Week 10
Pain Assignment	20%	No	Week 7
Mastery register	0%	Yes	Week 14
Clinical Simulation Exam	30%	No	Week 14-16

## Viva Exam

Assessment Type <sup>1</sup>: Viva/oral examination

Indicative Time on Task <sup>2</sup>: 18 hours

Due: **Week 14-16**

Weighting: **30%**

During the viva exam you will be asked questions about your understanding and application of the fundamental knowledge related to physiotherapy assessment and management that has been covered in this unit.

On successful completion you will be able to:

- Explain the contemporary scientific understanding and epidemiology of pain and other common impairments addressed by physiotherapists, including weakness and loss of range of motion that result from soft-tissue or bony injuries. (Scientist & Scholar)
- Apply a model of biopsychosocial physiotherapy clinical reasoning based on The World Health Organization's, International Classification of Functioning, Disability and Health to facilitate physiotherapy assessment and treatment. (Scientist & Scholar)
- Competently perform a physiotherapy assessment, including history and physical examination, and interpret the findings within the context of cultural and social factors. (Clinical Practitioner)
- Describe the key principles and demonstrate skill in selecting and applying appropriate interventions to address different impairments, activity limitations and participation restrictions, including education and manual therapies. (Clinical Practitioner)
- Explain the rationale for use of selected physiotherapy interventions that incorporates an understanding of the physiological effects and current evidence of efficacy, as well as an individual's impairments, preferences and goals. (Scientist & Scholar)
- Work effectively both independently and collaboratively to facilitate skill development in

assessment and management. (Professional)

## Quiz

Assessment Type <sup>1</sup>: Quiz/Test

Indicative Time on Task <sup>2</sup>: 12 hours

Due: **Week 10**

Weighting: **20%**

The quiz will include short-answer questions on unit content delivered up to the end of the week prior to the quiz.

On successful completion you will be able to:

- Explain the contemporary scientific understanding and epidemiology of pain and other common impairments addressed by physiotherapists, including weakness and loss of range of motion that result from soft-tissue or bony injuries. (Scientist & Scholar)
- Apply a model of biopsychosocial physiotherapy clinical reasoning based on The World Health Organization's, International Classification of Functioning, Disability and Health to facilitate physiotherapy assessment and treatment. (Scientist & Scholar)
- Competently perform a physiotherapy assessment, including history and physical examination, and interpret the findings within the context of cultural and social factors. (Clinical Practitioner)

## Pain Assignment

Assessment Type <sup>1</sup>: Case study/analysis

Indicative Time on Task <sup>2</sup>: 12 hours

Due: **Week 7**

Weighting: **20%**

You will complete a written interpretation of a case scenario that relates to a patient's pain experience.

On successful completion you will be able to:

- Explain the contemporary scientific understanding and epidemiology of pain and other common impairments addressed by physiotherapists, including weakness and loss of range of motion that result from soft-tissue or bony injuries. (Scientist & Scholar)

- Apply a model of biopsychosocial physiotherapy clinical reasoning based on The World Health Organization's, International Classification of Functioning, Disability and Health to facilitate physiotherapy assessment and treatment. (Scientist & Scholar)
- Competently perform a physiotherapy assessment, including history and physical examination, and interpret the findings within the context of cultural and social factors. (Clinical Practitioner)

## Mastery register

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

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

Due: **Week 14**

Weighting: **0%**

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

The mastery register for PHTY8102 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 in order to successfully complete the unit.

On successful completion you will be able to:

- Competently perform a physiotherapy assessment, including history and physical examination, and interpret the findings within the context of cultural and social factors. (Clinical Practitioner)
- Competently apply common clinical tools used in physiotherapy practice to measure impairments, activity limitations and participation restrictions. (Clinical Practitioner)
- Describe the key principles and demonstrate skill in selecting and applying appropriate interventions to address different impairments, activity limitations and participation restrictions, including education and manual therapies. (Clinical Practitioner)
- Work effectively both independently and collaboratively to facilitate skill development in assessment and management. (Professional)

## Clinical Simulation Exam

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

Indicative Time on Task <sup>2</sup>: 20 hours

Due: **Week 14-16**

Weighting: **30%**

You will demonstrate selected practical skills and clinical reasoning based on case scenarios.

On successful completion you will be able to:

- Explain the contemporary scientific understanding and epidemiology of pain and other common impairments addressed by physiotherapists, including weakness and loss of range of motion that result from soft-tissue or bony injuries. (Scientist & Scholar)
- Apply a model of biopsychosocial physiotherapy clinical reasoning based on The World Health Organization's, International Classification of Functioning, Disability and Health to facilitate physiotherapy assessment and treatment. (Scientist & Scholar)
- Competently perform a physiotherapy assessment, including history and physical examination, and interpret the findings within the context of cultural and social factors. (Clinical Practitioner)
- Competently apply common clinical tools used in physiotherapy practice to measure impairments, activity limitations and participation restrictions. (Clinical Practitioner)
- Describe the key principles and demonstrate skill in selecting and applying appropriate interventions to address different impairments, activity limitations and participation restrictions, including education and manual therapies. (Clinical Practitioner)
- Explain the rationale for use of selected physiotherapy interventions that incorporates an understanding of the physiological effects and current evidence of efficacy, as well as an individual's impairments, preferences and goals. (Scientist & Scholar)
- Work effectively both independently and collaboratively to facilitate skill development in assessment and management. (Professional)

---

<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 [Writing Centre](#) 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

In the Faculty of Medicine, Health and Human Sciences professionalism is a key capability embedded in all our courses. As part of developing professionalism, Faculty of Medicine,



Health and Human Sciences students are expected to participate in all learning and teaching activities.

All learning and teaching activities 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 unit convener to attend a different tutorial on a one-off basis for extenuating circumstances.

Failure to participate in any learning and teaching activities may impact your final results. It is the responsibility of the student to contact their unit convenor and tutor by email to inform them if they are going to be absent.

### **Assumed knowledge**

This unit assumes that you have comprehensive knowledge of anatomy and physiology.

### **Teaching and Learning Strategy**

The teaching approach will be based on students developing a deep understanding of principles and the ability to independently solve problems, with the expectation that students can then translate this knowledge to different clinical scenarios (e.g. patients with similar impairments but different diagnoses).

Lectures will provide foundation knowledge for this unit. They will be pre-recorded and complimented by online large group discussions.

Tutorials will consolidate, extend and apply the content covered in lectures. They will take place in small groups via an online video conferencing platform.

Practicals will focus on the development of technical skills and clinical reasoning. Tutorial content will be based on case studies and situated in authentic learning environments to optimally prepare students for their future clinical placements.

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

- lecture notes
- tutorial and practical worksheets
- preparation and consolidation material
- videos
- assessment details

### **Textbooks & Readings**

Essential: This unit does not have any textbooks that are essential for you to purchase.

Recommended: The following texts will be useful resources and are available in the library. Recommendations about specific readings from these and other resources (such as research papers, books, websites and videos) will be listed on iLearn.

- The Physiotherapist's Pocketbook: Essential Facts at Your Fingertips. 3rd Edition. Kenyon K and Kenyon J. 2009 Elsevier.

- Electrotherapy Explained: Principles and Practice. 4th Edition. Robertson V, Ward A, Low J and Reed A. 2006 Elsevier.
- Orthopedic Physical Examination. 6th Edition. Magee D. 2014 Elsevier.

## Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central](https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central) (<https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central>). 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](#) (**Note:** *The Special Consideration Policy is effective from 4 December 2017 and replaces the Disruption to Studies Policy.*)

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

If you would like to see all the policies relevant to Learning and Teaching visit [Policy Central](https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central) (<https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central>).

## Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: <https://students.mq.edu.au/study/getting-started/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](http://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 Services and 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.

## Student Enquiries

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)

## 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 and unit name has changed from PHTY802 Foundations of Physiotherapy Practice to PHTY8102 Fundamentals of Physiotherapy Practice.

The current offering of this unit will include online tutorials to help consolidate, extend and apply the fundamental content covered in lectures. These online tutorials will enable efficient use of class time during practicals for practicing fundamental skills in assessment and management of patients. Lectures will now be pre-recorded to facilitate flexible learning hours for students. Online group discussions facilitated by the unit convenor will be included in this offering to help students consolidate the content covered in the lecture recordings.

The Pain Assignment no longer includes a group assessment component and the weighting of this assessment was increased from 15% to 20%. A mid-semester Quiz assessment with 20% weighting was added to this offering in place of 1 of the 2 end of semester written exam papers.

These changes helped to more evenly distribute the assessment weighting across the semester. The weighting of the Clinical Simulation Exam was decreased from 45% to 30% and the second end of semester written exam paper with 20% weighting was replaced with a Viva Exam with 30% weighting. These changes helped to more evenly distribute the assessment weighting between the end of semester assessments.