

PHTY1020: Physiotherapy II

Callaghan

Semester 2 - 2023



THE UNIVERSITY OF
NEWCASTLE
AUSTRALIA

OVERVIEW

Course Description	This course provides basic assessment, treatment, clinical reasoning and health intervention skills and related knowledge needed for general physiotherapy practice and safe, ethical and culturally sensitive care of patients. This course will further develop students' foundational skills for physiotherapy practice by building on the knowledge acquired in previous courses.
Review of Progress Requirements	<p>This course is a compulsory program requirement for students in the following program(s):</p> <ul style="list-style-type: none">- Bachelor of Physiotherapy (Honours) <p>In addition to meeting the University's overall requirements for academic progression, students enrolled in these program(s) must satisfactorily complete this course in order to progress in their program.</p>
Requisites	Must be enrolled in the Bachelor of Physiotherapy (Honours) Program 12337 and must have successfully completed HLSC1000, PHTY1040, HUBS1105
Contact Hours	<p>Callaghan</p> <p>Lecture Face to Face On Campus 2 hour(s) per Week for Full Term</p> <p>Practical Face to Face On Campus 4 hours(s) per Week for Full Term</p>
Unit Weighting Workload	<p>20</p> <p>Students are required to spend on average 120-140 hours of effort (contact and non-contact) including assessments per 10-unit course.</p>

COURSE OUTLINE

CONTACTS

Course Coordinator	Callaghan Professor Suzanne Snodgrass Suzanne.Snodgrass@newcastle.edu.au (02) 4921 2089 Consultation: By appointment
Teaching Staff	Lucia Chambers Lucia.Chambers@newcastle.edu.au Sharon Czerneic Sharon.Czerneic@newcastle.edu.au Additional casual staff
School Office	School of Health Sciences Room 302, ICT Building Callaghan SchoolHealthSciences@newcastle.edu.au +61 2 4921 7053

SYLLABUS

Course Content	<p>Ethical, age, gender and cultural considerations for physiotherapy assessment, treatment and intervention procedures</p> <p>Basic biomedical concepts of kinematics and kinetics, and the application of these concepts to the physiotherapy analysis of human movement</p> <p>Basic evaluation and measurement procedures used for the physiotherapy assessment of gait, including kinematics, kinetics, and temporal and spatial measurement</p> <p>Basic evaluation and measurement procedures used for the physiotherapy assessment of balance, including the concepts of base of support, centre of mass and ground reaction forces</p> <p>Basic evaluation and measurement procedures used for the physiotherapy assessment of muscle length and muscle strength including reliability of measures</p> <p>Hydrotherapy: hydrostatic principles, techniques, and indications/contraindications</p> <p>Motor learning: components of a motor skill, learning criteria, practice and feedback</p> <p>Introduction to the physiotherapy patient assessment including history taking and physical assessment</p> <p>Introduction to the multidimensional concept of pain and how it relates to physiotherapy assessment and management</p> <p>Introduction to electrophysical agents and the safe and effective practical application of commonly applied thermotherapy and cryotherapy for physiotherapy practice</p> <p>Sensorimotor development in children: developmental milestones</p> <p>Therapeutic exercise prescription in physiotherapy practice to improve physical functional deficits</p>
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Clinical reasoning theory and concepts for physiotherapy practice. Application of problem-solving strategies for simple clinical situations in physiotherapy practice.

Evidence based practice and critical appraisal of the literature for physiotherapy practice

Course Learning Outcomes

On successful completion of this course, students will be able to:

1. Apply basic biomedical and behavioural knowledge to the evaluation and treatment of physical dysfunction in physiotherapy practice
2. Appropriately select and safely demonstrate basic assessment and treatment procedures commonly used in physiotherapy practice including outcome measurement
3. Describe the theory and concepts of clinical reasoning for physiotherapy practice
4. Discuss the biological basis and evidence for the physiotherapy assessment and treatment of people with physical dysfunction
5. Demonstrate an understanding of age, gender, cultural, legal and ethical considerations for basic assessment, treatment and health intervention procedures in physiotherapy practice

Course Materials

Essential texts:

Clarkson, H. (2020). *Musculoskeletal assessment: Joint motion and muscle testing* (4th ed.). Philadelphia: Lippincott Williams and Wilkins.

Oatis, C.A. (2017). *Kinesiology: The mechanics and pathomechanics of human movement* (3rd ed.). Philadelphia: Lippincott Williams and Wilkins.

Kisner C, Colby LA. (2018). *Therapeutic exercise: foundations and techniques* (7th ed.). Philadelphia: FA Davis. *This text is now available to students online through [UoN library](#)*

Carr, J., Shepherd, R. (2003). *Stroke rehabilitation: guidelines for exercise and training to optimize motor skill*. Edinburgh: Butterworth-Heinemann. *This text is available to students online through [UoN library](#)*

Recommended Texts:

Lippert, L. (2017). *Clinical kinesiology and anatomy* (6th ed.). Philadelphia: F.A. Davis.

Attendance/Class requirements

Most practical/tutorial sessions will contain a practical hands-on component and require students to act as models for each other. In some cases, this may mean disrobing. It is important that you come to each session appropriately attired to disrobe during the semester.

Should you be unwilling or unable to act as a model for any particular session (e.g. due to medical problems) you are asked to notify the tutor responsible for your practical/tutorial session as soon as possible so that other arrangements can be made. If you are in doubt whether it is advisable for you to act as a model because of medical considerations please discuss the issue with the Course Coordinator.

You are reminded that carelessness in the laboratory can have serious results. All hazards, accidents and injuries must be reported to a lecturer immediately.

To be prepared for lectures and especially laboratory sessions, it is important that you have read the reading material listed in your Course Manual prior to the appropriate session.

COMPULSORY REQUIREMENTS

In order to pass this course, each student must complete ALL of the following compulsory requirements:

Course Assessment Requirements:

- Assessment 2 (Prac Viva exam) - students must pass this assessment item to pass the course.

ASSESSMENTS

This course has 4 assessments. Each assessment is described in more detail in the sections below.

Assessment Name	Due Date	Involvement	Weighting	Learning Outcomes
Written Assignment	Week 9, Friday, 15 Sept 2023	Individual	20%	1,4,5
Prac viva examination*	Week 13	Individual	30%	1,2,3,4,5
Formal Examination	Examination period	Individual	50%	1,2,3,4,5

*This assessment has a compulsory requirement:

Prac Viva: Students are required to achieve at least 50% and pass the safety requirement of the prac viva examination to pass the assessment. Students who fail the prac viva, by achieving a mark < 50% in the assessment or fail the safety requirement, may be granted a supplementary assessment. A supplementary assessment will only be granted if the student will pass the course by achieving a minimum mark of 50% in the supplementary prac viva assessment. Students who pass the compulsory course component via the supplementary assessment will have a mark capped at 50% for this assessment item. Students who achieve < 50% in the supplementary or fail the safety requirement will not meet the compulsory course component requirements for the assessment item and will be allocated a fail grade (FF) for the course.

Late Submissions The mark for an assessment item submitted after the designated time on the due date, without an approved extension of time, will be reduced by 10% of the possible maximum mark for that assessment item for each day or part day that the assessment item is late. Note: this applies equally to week and weekend days.

Reminder It is a breach of Academic Integrity Policy to submit work or part thereof previously submitted for academic credit in this or any other course without permission from the course coordinator. This information is located in the policy [glossary](#), the [Academic Integrity Module](#) and/or details in HLSC1000 content on Academic Integrity for more information.

Assessment 1 – Written Assignment

Assessment Type	Written Assignment
Description	Written assignment
Weighting	20%
Due Date	Week 9, Friday, 15 Sept 2023
Submission Method	Turnitin Canvas
Assessment Criteria	Provided on Canvas
Return Method	Marks and feedback provided on Canvas
Feedback Provided	Provided via Canvas

Assessment 2 - Prac Viva examination

Assessment Type	Practical Demonstration – Prac Viva
Description	Students are examined at Stations, where they are required to perform practical skills using another student as a model. These practical skills include assessment procedures and techniques. Students must be prepared to act as a model for another student following their own Practical/Viva assessment, and if a student is unable to act as a model, then they must notify the Course Coordinator at least 2 weeks prior to the assessment, or as soon as is practicable. Stations may include an online activity or additional competency assessment.
Weighting	30%
Due Date	Week 13 – see Canvas for details
Submission Method	Practical/Viva Exams are completed on campus on the examination date.
Assessment Criteria	Practical/Viva exams are marked on a student's performance in: professional behaviour, communication, technical skills and response to questioning. Full assessment details and marking rubrics are provided on CANVAS and in the course manuals.
Return Method	Non-returnable due to the nature of the assessment.
Feedback Provided	Individual feedback may be provided in electronic format via email. Additional individual feedback is available from the Course Coordinator by appointment.

Assessment 3 – Formal Examination

Assessment Type	Formal examination
Description	Written examination
Weighting	50%
Due Date	Examination period
Submission Method	Written face to face examination
Return Method	NIL
Feedback Provided	NIL

ADDITIONAL INFORMATION

Grading Scheme

This course is graded as follows:

Range of Marks	Grade	Description
85-100	High Distinction (HD)	Outstanding standard indicating comprehensive knowledge and understanding of the relevant materials; demonstration of an outstanding level of academic achievement; mastery of skills*; and achievement of all assessment objectives.
75-84	Distinction (D)	Excellent standard indicating a very high level of knowledge and understanding of the relevant materials; demonstration of a very high level of academic ability; sound development of skills*; and achievement of all assessment objectives.
65-74	Credit (C)	Good standard indicating a high level of knowledge and understanding of the relevant materials; demonstration of a high level of academic achievement; reasonable development of skills*; and achievement of all learning outcomes.

50-64	Pass (P)	Satisfactory standard indicating an adequate knowledge and understanding of the relevant materials; demonstration of an adequate level of academic achievement; satisfactory development of skills*; and achievement of all learning outcomes.
0-49	Fail (FF)	Failure to satisfactorily achieve learning outcomes. If all compulsory course components are not completed the mark will be zero. A fail grade may also be awarded following disciplinary action.

*Skills are those identified for the purposes of assessment task(s).

Communication Methods

Communication methods used in this course include: Email, CANVAS

Course Evaluation

Each year feedback is sought from students and other stakeholders about the courses offered in the University for the purposes of identifying areas of excellence and potential improvement.

Oral Interviews

As part of the evaluation process of any assessment item in this course an oral examination (viva) may be conducted. The purpose of the oral examination is to verify the authorship of the material submitted in response to the assessment task. The oral examination will be conducted in accordance with the principles set out in the [Oral Examination \(viva\) Procedure](#). In cases where the oral examination reveals the assessment item may not be the student's own work the case will be dealt with under the [Student Conduct Rule](#).

Academic Misconduct

All students are required to meet the academic integrity standards of the University. These standards reinforce the importance of integrity and honesty in an academic environment. Academic Integrity policies apply to all students of the University in all modes of study and in all locations. For the Student Academic Integrity Policy, refer to <https://policies.newcastle.edu.au/document/view-current.php?id=35>.

Adverse Circumstances

The University acknowledges the right of students to seek consideration for the impact of allowable adverse circumstances that may affect their performance in assessment item(s). Applications for special consideration due to adverse circumstances will be made using the online Adverse Circumstances system where:

1. the assessment item is a major assessment item; or
2. the assessment item is a minor assessment item and the Course Co-ordinator has specified in the Course Outline that students may apply the online Adverse Circumstances system;
3. you are requesting a change of placement; or
4. the course has a compulsory attendance requirement.

Before applying you must refer to the Adverse Circumstance Affecting Assessment Items Procedure available at:

<https://policies.newcastle.edu.au/document/view-current.php?id=236>

Important Policy Information

The Help button in the Canvas Navigation menu contains helpful information for using the Learning Management System. Students should familiarise themselves with the policies and procedures at <https://www.newcastle.edu.au/current-students/no-room-for/policies-and-procedures> that support a safe and respectful environment at the University.

This course outline was approved by the Head of School. No alteration of this course outline is permitted without Head of School approval. If a change is approved, students will be notified and an amended course outline will be provided in the same manner as the original.

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