

PDTY2101: Introduction to Podiatry Clinical Skills

Ourimbah

Semester 1 - 2024



THE UNIVERSITY OF
NEWCASTLE
AUSTRALIA

OVERVIEW

Course Description This course provides an introduction to clinical skills commonly required in podiatry and the manufacture of foot orthoses. The clinical component includes sterilization and infection control, basic podiatric treatments, such as nail cutting and scalpel techniques. Students are introduced to common podiatric assessments including biomechanical assessment, clinical gait analysis and neurovascular assessments. The use of medical records including the legal obligations of podiatrists, making entries and writing referral letters is also covered. The orthoses component develops student understanding of orthotic therapy and the manufacture of basic orthotic devices.

Academic Progress Requirements This course is a compulsory program requirement and is monitored for academic progress purposes. The course must be completed to progress in the program or meet other program requirements.

Failure or withdrawal from this course will result in students being considered under the Student Academic Progress Procedure.

Requisites This course is only available to students enrolled in the Bachelor of Podiatry program.
Pre-requisite - successful completion of PDTY1202, HUBS1108 and HUBS1404

Assumed Knowledge Musculoskeletal and functional anatomy of the lower limb.

Contact Hours

Ourimbah

Clinical *

Face to Face Off Campus

40 hour(s) per term starting Week 1

Laboratory *

Face to Face On Campus

2 hour(s) per week(s) for 11 weeks

Skills lab

Lecture

Face to Face On Campus

1 hour(s) per week(s) for 12 weeks

Practical *

Face to Face On Campus

2 hour(s) per week(s) for 11 weeks

Orthoses lab

* This contact type has a compulsory requirement.

Unit Weighting Workload

10

Students are required to spend on average 120-140 hours of effort (contact and non-contact) including assessments per 10 unit course.

COURSE OUTLINE

www.newcastle.edu.au

CRICOS Provider 00109J

CONTACTS

Course Coordinator	Ourimbah Mr John Niemotko John.Niemotko@newcastle.edu.au Consultation: please email John for an appointment
Teaching Staff	Other teaching staff will be advised on the course Canvas site.
School Office	School of Health Sciences Room 302, ICT Building Callaghan SchoolHealthSciences@newcastle.edu.au +61 2 4921 7053

SYLLABUS

Course Content	Clinical <ol style="list-style-type: none">1. Infection control and sterilization.2. Clinical history taking and patient examination.3. Clinical skills including nail cutting, scalpel technique, padding and strapping, biomechanical assessments Orthoses <ol style="list-style-type: none">4. History of orthotic therapy.5. Negative casting.6. Materials, principles and manufacture of simple insoles and basic cast orthoses.7. Introduction to orthotic specifications.
Course Learning Outcomes	On successful completion of this course, students will be able to: <ol style="list-style-type: none">1. Demonstrate adherence to appropriate infection control procedures.2. Take a basic patient history and conduct a podiatric physical examination.3. Perform routine podiatric treatments and biomechanical, musculoskeletal and basic neurovascular assessments.4. Apply padding and strapping to the foot and ankle.5. Describe and demonstrate appropriate professional behaviour and communication.6. Describe evidence based practice and how it can be applied to the clinical setting.7. Describe the history of orthotic therapy.8. Demonstrate and adhere to the OH and S requirement of an orthoses lab.9. Satisfactorily perform the prescription and manufacture of simple insoles and cast orthoses.10. Take accurate negative impression plaster casts
Course Materials	Recommended Reading: <ul style="list-style-type: none">- This course is supported by the Canvas site: PDTY2101 INTRO TO POD CLINIC SKILLS (S1 2024 CENTRALCST) https://canvas.newcastle.edu.au/courses/22022 <p>There is no compulsory reading for PDTY2101 however the following recommended texts may assist you with your learning:</p> <ul style="list-style-type: none">- Frowen P, O'Donnell M, Burrow G, Lorimer DL (Eds). (2010) Neale's disorders of the foot (8th edition) Churchill Livingstone Elsevier. Edinburgh.- Turner W, Merrimen L (Eds). (2005) Clinical Skills in treating the foot (2nd edition). Churchill Livingstone ElsevierYates B (Ed). (2009) Merriman's Assessment of the Lower Limb (3rd Edition). Elsevier. Edinburgh; New York

COMPULSORY REQUIREMENTS

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

Contact Hour Requirements:

- Clinical Has compulsory attendance
- Practical Has compulsory attendance
- Laboratory Has compulsory attendance

Course Assessment Requirements:

- Assessment 3 - Attendance and OH and S: Pass requirement - Must pass this assessment item to pass the course.

Compulsory Placement and WHS Requirements:

- First Aid Certificate - students must complete a First Aid Certificate issued by an approved provider.
- NSW Health Verification Requirements - Mandatory NSW Health Verification Requirements must be met.
- WHS Requirement - Students must complete a Workplace Safety Induction or Risk Assessment. Completion of orthotic lab induction which will occur in the first week of semester.

SCHEDULE

ASSESSMENTS

This course has 3 assessments. Each assessment is described in more detail in the sections below.

	Assessment Name	Due Date	Involvement	Weighting	Learning Outcomes
1	Observed Structured Clinical Exam (OSCE)	Thursday 6 th of June (Week 13) Individual timetable is outlined on Canvas	Individual	50%	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
2	Formal Written Exam	Formal examination period.	Individual	50%	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
3	Attendance and OH and S*	Ongoing	Individual	Formative	5, 8

* This assessment has a compulsory requirement.

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.

Assessment 1 - Observed Structured Clinical Exam (OSCE)

Assessment Type	In Term Test
Description	Your practical and theoretical clinical knowledge will be assessed via an OSCE (Objective Structured Clinical Examination). This assessment will consist of written and practical components and assess all aspects of the course material. No memory aids or other print, course or internet-accessible materials are permitted.
Weighting	50%
Length	25 minutes
Due Date	Thursday 6 th of June 2024 (Week 13)
Submission Method	In class school exam, at Wyong Clinic
Assessment Criteria	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Return Method	Not returned
Feedback Provided	In Person - Individual feedback sessions will be available on request
Opportunity to Reattempt	Students WILL NOT be given the opportunity to reattempt this assessment.

Assessment 2 - Formal Written Exam

Assessment Type	Formal Examination
Description	This is a combined multiple choice and short answer examination which will examine all aspects of the course material.
Weighting	50%
Length	2 hours
Due Date	Formal examination period
Submission Method	Formal Exam
Assessment Criteria	Assesses objectives 1,2,3,4,5,6,7,9,10
Return Method	Not Returned
Feedback Provided	In Person - Individual feedback sessions will be available on request
Opportunity to Reattempt	Students WILL NOT be given the opportunity to reattempt this assessment.

Assessment 3 - Attendance and OH and S

Assessment Type	Participation
Description	Students are expected to meet the attendance requirements for clinical, skills and orthoses sessions. During these sessions, a clinical log book will need to be fully completed by the end of week 12 and handed directly to the course coordinator. These requirements are attendance at all scheduled clinical, skills and orthoses sessions as per individual student timetables. Students not meeting the attendance requirements for all sessions will not meet the compulsory course component requirements for the assessment item and will be given a failed grade (FF) for the course.
Weighting	This is a formative assessment and will not contribute to your final grade.
Compulsory Requirements	Pass requirement - Must pass this assessment item to pass the course..
Due Date	
Submission Method	Ongoing Assessment
Assessment Criteria	
Return Method	Not Returned
Feedback Provided	
Opportunity to Reattempt	Students WILL NOT be given the opportunity to reattempt this assessment. First attempt is final

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:
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. There are no recommended changes since previous offerings.
Oral Interviews (Vivas)	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	<p>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:</p> <ol style="list-style-type: none">1. the assessment item is a major assessment item; or2. 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; or4. the course has a compulsory attendance requirement. <p>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</p>
Important Policy Information	<p>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/respect-at-uni/policies-and-procedures that support a safe and respectful environment at the University.</p>

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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SCHEDULE

SCHEDULE for PDTY2101 in 2024

Week	Week Begins	Lecture	Skills Lab	Orthoses Lab	Clinic
1	26 Feb	Overview of NCIs/NCRs & orthotic materials; OHS	Negative casting: digital & plaster casting techniques	OHS, materials, taking templates	Group A: Orientation, computer system for clinical notes, sterilisation
2	4 Mar	Overview of Modified Root orthoses	Negative casting: digital & plaster casting techniques	Manufacture of NCI templates	Group B: Orientation, computer system for clinical notes, sterilisation
3	11 Mar	Orthoses prescription basics & modifications	Padding, strapping & orthodigital devices	Manufacture of NCI/NCR	Group 1: Conservative cryptosis management, simple dressings
4	18 Mar	Infection control & common clinical products	Workspace management / manual skills	Manufacture of NCI/NCR	Group 2: Conservative cryptosis management, simple dressings
5	25 Mar	Developing a diagnosis, effective history taking & cultural empathy	Manual skills & history taking	Positive cast manufacture (expansions)	Group 3: Conservative cryptosis management, simple dressings
6	1 Apr	Neurological assessment	Easter Monday		Group 1: Neurovascular assessment / patient treatment
7	8 Apr	Vascular assessment	Neurological assessment	Positive cast manufacture (expansions)	Group 2: Neurovascular assessment / patient treatment
Mid-Semester Break					
Mid-Semester Break					
8	29 Apr	Risk status classification	Vascular assessment	Positive cast manufacture (expansions)	No Clinic
9	6 May	Disorders of keratinisation	Risk status classification	Mod Root manufacture (polypropylene shell)	Group 3: Neurovascular assessment / patient treatment
10	13 May	Origins of foot pain	Manual skills & clinical note writing	Mod Root manufacture (shape & top cover)	Group 1: MSK, strapping, clinic technology: gait analysis, scanner, goniometer
11	20 May	MSK assessment	Footwear	Finishing / grinding skills	Group 1: MSK, strapping, clinic technology: gait analysis, scanner, goniometer
12	27 May	Orthoses prescription in clinical practice: case studies	Musculoskeletal (MSK) examination / gait analysis	Grinding skills / review	Group 1: MSK, strapping, clinic technology: gait analysis, scanner, goniometer
13	3 Jun				OSCE Thursday 6 Jun
Examination Period					
Examination Period					