School of Health Sciences

PDTY3104: Podiatric Specialisations

Ourimbah
Semester 1 - 2024

OVERVIEW

Course Description	This course provides an evidence-based introduction to specialist areas of podiatric practice. This includes a gerontology component introducing the student to the sub-specialty of care in the elderly and issues relating to successful case management which is a significant part of practice in podiatry.
	Podopaediatrics covers pre and post-natal growth and development of the child's foot and lower limb in detail. This component of the course provides comprehensive theoretical knowledge and experience in the assessment, diagnosis and management of a wide range of paediatric disorders affecting the lower limb.
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 (11692). Pre-requisite - successful completion of PDTY2103, PDTY2204 and PDTY2205
Assumed Knowledge	Musculoskeletal anatomy, Pharmacology, Human physiology
Contact Hours	**Clinical Wyong Clinic*** Face to Face 8 hours per week for 4 weeks **Lecture live, live online and recorded** 2 hours in weeks 1-6, 8, 9, 11, 12 Wednesdays 10am to 12pm CN211 **Online self-directed activity (lecture time)** 2 hours week 7 **Tutorial on campus Ourimbah*** Face to Face On Campus 2 hours per week, weeks 1-9, 11 Wednesday 1-3pm or 3-5pm PODLAB * This contact type has a compulsory requirement.
Unit Weighting	10
Workload	Students are required to spend on average 120-140 hours of effort (contact and non-contact) including assessments per 10 unit course.

CONTACTS

Course Coordinator	**Ourimbah** Dr Fiona Hawke Fiona.Hawke@newcastle.edu.au (02) 4349 4549 Consultation: Wednesday 12pm to 1pm. Please email me to book an appointment. You may also talk to me in tutorial time about non-confidential matters.
Teaching Staff	Fiona Hawke will take lectures and tutorials. Your Gerontology and Paediatrics Clinics will be staffed by clinical supervisors.
School Office	**School of Health Sciences** Room 302, ICT Building, Callaghan SchoolHealthSciences@newcastle.edu.au +61 2 4921 7053

SYLLABUS

Course Content

Gerontology
- Introduction to gerontology
- Theories of ageing
- Issues in ageing and health
- Physiological and pathophysiological aspects of ageing
- Biomechanics, gait cycle and ageing
- Common age related medical problems and psychgeriatrics
- Pharmacology and the elderly
- Falls prevention

Podopaediatrics
- Developmental milestones and ontogeny
- Clinical examination, case-management and medico-legal issues
- Congenital disorders
- Structural abnormalities
- Growing pains
- Paediatric radiology
- Paediatric pharmacology

Course Learning Outcomes

On successful completion of this course, students will be able to:
1. Evaluate the impact of an ageing society on health care resources and policies.
2. Critically appraise current theories of aging including application of current knowledge of physiological principles.
3. Describe a wide range of pathologies which commonly occur in children and older people including aetiology, pathology, clinical features and evidence based management.
4. Describe pre and post natal growth and development of the child's foot and lower limb, recognise age-related gait changes and differentiate them from gait changes of orthopaedic or systemic pathologies.
5. Integrate an understanding of changes in pharmacokinetics, pharmacodynamics and polypharmacy seen in paediatric and older people and the impact of age related changes on the prescription of drugs to these groups.
6. Practice competently and professionally in the clinical environment of paediatrics and gerontology demonstrating understanding of specific assessment and management issues relevant to these patient populations.
7. Choose appropriate strategies to accurately examine (physical, historical and psychosocial) children and older people.
8. Prepare appropriate records recognising the legal and podiatric implications of documentation of the paediatric patient.
9. Demonstrate skills in preparation and evaluation of goal-oriented, evidence based management strategies for a wide range of pathologies which commonly occur in children and older people.
10. Demonstrate skills in information retrieval and critical appraisal of literature.
11. Demonstrate the ability to work in a group setting.

Course Materials   This course has no required texts. I strongly encourage you to access the following recommended texts to support your learning. Both are written by Australian podiatrists who are experts in the field and have much wisdom to share. You can access e versions of these books through the Library website or through Course Readings – textbooks in Canvas.

Recommended texts
Menz, Foot problems in older people, Elsevier Churchill Livingstone 2008. An e-version of this book is available through the library website – see link in Canvas Course readings. Hard copies are available for borrowing at the library (call no. 617.58500846 MENZ).
Evans, The Pocket Podiatry Guide: Pediatrics, Churchill Livingstone, 2010. An e-version of this book is available through the library website – see link in Canvas Course readings. Hard copies are available for borrowing at the library (call no. 618.827 EVAN).

Resources This course is supported by the CANVAS site PDTY3104 PODIATRIC SPECIALISATIONS (S1 2024 CENTRALCST). Important information will be posted on the Canvas Announcements page.

COMPULSORY REQUIREMENTS

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

Contact Hour Requirements:
- Tutorial for 2 hours per week for 9 Weeks. Tutorial attendance is compulsory and all tutorial content is examinable. See course schedule on the last page of this Course Outline.
- Clinic for 8 hours per week for 4 weeks. Clinic attendance is compulsory. See clinic roster on Canvas
- Lecture attendance is not compulsory.
- You are required to spend 120-140 hours of effort or total load on this 10 unit course.

Course Assessment Requirements: -
- Assessment 4 - Log / Workbook: Pass Requirement - Students must pass this assessment item to pass the course.
- Assessment 5 - Attendance: Pass Requirement - Students must pass this assessment item to pass the course
- Assessment 6 – Professional behaviour: Pass Requirement - Students must pass this assessment item to pass the course –
- Assessment 7 – Documentation for Internal Clinical Placement: Pass Requirement - Students must pass this assessment item to pass the course

Important Placement Information (including internal clinical placement)
- Placement (including internal placement) is a mandatory component of your degree.
- You will not graduate if you cannot satisfactorily complete placement.
- You will not be able to undertake a placement unless you have completed the pre-placement requirements.
- You will not be able to enter a NSW Health facility unless you have completed the pre-placement requirements.
- All pre-placement requirements are listed below.

Compulsory Placement and WHS Requirements:
- National Police Certificate - Students must complete a National Police Check.
- 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.
- Prohibited Employment Declaration - Declaration that student is not a prohibited person in terms of the Child Protection (Prohibited Employment) Act 1998.

Ourimbah Timetable

PDTY3104 Podiatric Specialisations
Enquiries: School of Health Sciences Semester 1 – 2024

Lecture	Wednesday	10am-12pm	EN211	weeks 1-6, 8-9, 11-12 (week 7 is self-directed learning, week 10 is in class test)
And Tutorial	Wednesday	1-3pm	PO101 Skills lab	weeks 1-9, 11
or	Wednesday	3-5pm	PO101 Skills lab	weeks 1-9, 11
And drop in Q&A	Wednesday	2-4pm	PO101 Skills lab	Week 12
And Clinical	Monday	9.00am to 5.30pm	Wyong hospital	See roster on Canvas*

* Each student will attend four gerontology and paediatrics clinic days throughout the semester. Please see the roster on Blackboard.

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	Mid-Semester Exam	Week 10, 10am, 10th May	Individual CLOSED BOOK*	20%	1, 2, 3, 4, 5, 6
2	Observed Structured Clinical Examination (OSCE)	Week 13, Wyong clinic, timetable to be advised	Individual CLOSED BOOK*	40%	1, 2, 3, 4, 5, 6, 7, 9, 10
3	Final Exam	Formal exam period	Individual CLOSED BOOK*	40%	1, 2, 3, 4, 5, 6
4	Log Book**	Due Date: All log book items must be signed off by the end of week 12	Individual	Pass/fail	3, 4, 5, 6, 7, 8, 9, 10, 11
5	Attendance**	2 hours per week, weeks 1-9, 11	Individual	Pass/fail	3, 4, 5, 6, 7, 8, 9, 10
6	Professional behaviour**	Each clinic	Individual	Pass/fail	6, 7, 8, 9, 11
7	Documentation for internal clinical placement*	Before first clinic	Individual	Pass/fail	6

* Closed Book, i.e., no memory aids or other print, course or internet-accessible materials permitted unless explicitly stated. ** This assessment has a compulsory requirement.

Reminder: 1) Reusing one's own work, or part thereof, that has been submitted previously and counted towards another course without permission from the relevant Course Coordinator and 2) making contact or colluding with another person, contrary to instructions, during an examination, in-term test, quiz or other individual assessment item are considered forms of Academic Fraud within the Student Academic Integrity Policy. This information is located in the policy glossary under *academic fraud*, the Academic Integrity Module and/or details in HLSC1000 content on Academic Integrity.

Assessment 1 - Mid-Semester Exam

Assessment Type	In Term Test
Description	Written exam consisting mostly of short to medium length answer questions. Approximately 40% gerontology, 60% paediatrics. This is a closed book exam.
Weighting	20%
Due Date	Week 10, in lecture time
Assessment Criteria	Assesses objectives 1 to 6 and content of weeks 1-9 inclusive
Return Method	Not returned
Feedback Provided	You will be given opportunity to view your exam and the answers

Assessment 2 - Observed Structured Clinical Examination (OSCE) - Paediatrics and Gerontology

Assessment Type	OSCE
Description	OSCE consisting of stations for paediatrics and gerontology to test integration of practical skills with content knowledge
Weighting	40%
Due Date	Week 13, Wyong clinic, timetable to be advised
Submission Method	In Class
Assessment Criteria	Assesses objectives 1-7, 9 and 10 and content of weeks 1-12
Return Method	Not returned
Feedback Provided	You may request to view your marking sheets

Assessment 3 - Final Exam

Assessment Type	Formal Examination
Description	Multiple choice examination. Approximately 60% paediatrics, 40% gerontology. This is a closed book exam
Weighting	40%
Due Date	Formal exam period
Submission Method	To be submitted at the end of the exam
Assessment Criteria	Assesses objectives 1-6 and content of weeks 1-12
Return Method	Not Returned
Feedback Provided	You will be able to view your exam paper on request. To defer or reattempt this assessment item you must successfully apply for consideration of Adverse Circumstances.

Assessment 4 - Log Book (Compulsory Course Component; pass/fail)

Assessment Type	Logbook
Description	The clinical competencies log book is an individual assessment item that demonstrates a student's knowledge and skill to practice safely, effectively and ethically on internal placement.
Weighting	Pass/fail.
Compulsory Requirements	Students who do not successfully complete this log book by the end of the semester will not meet the compulsory course component requirements for this course and will be given a fail grade (FF) for the course. One attempt at remediation for this assessment item will be provided.
Due Date	All log book items must be signed off by the end of week 12
Submission Method	You will need to complete a reflection at the end of each clinical session for both gerontology and paediatrics, and you will need to notify your clinical supervisor at the end of each clinical session if you feel clinical competencies have been demonstrated in that day's clinics.
Assessment Criteria	It is your responsibility to: (1) notify your supervisor before presenting a patient if you wish to use the consultation for your logbook; and (2) discuss the clinical competency with your supervisor at the end of the clinical session. Supervisors will only sign off an item online if you demonstrated competency in the logbook criterion
Return Method	Completed log books will not be returned to students
Feedback Provided	Supervising clinicians provide feedback to students during clinical sessions. If a student wishes to receive feedback on a particular aspect of their clinical practice they should directly request this feedback from their supervisor.
Opportunity to Reattempt	Students WILL be given the opportunity to reattempt this assessment. If a student does not complete their logbook by the end of week 12, a compulsory alternative assessment item will be administered. As this assessment item is administered over the course of the semester an opportunity for remediation will only be offered if accompanied by a successful application for Adverse circumstances. In this instance one opportunity at an alternative assessment item will be offered.

Assessment 5 – Attendance (Compulsory Course Component; pass/fail)

Assessment Type	Participation
Description	Attendance to tutorials is compulsory
Weighting	Pass/fail. This is a formative assessment and will not contribute to your final grade.
Compulsory Requirements	Pass Requirement - Students must pass this assessment item to pass the course..
Due Date	2 hours per week, weeks 1-9, 11
Opportunity to Reattempt	Students WILL be given the opportunity to reattempt this assessment. As attendance is assessed over the course of the semester remediation for this assessmer item will only be offered if accompanied by a successful Adverse circumstances application

Assessment 6 - Professional Behaviour (Compulsory Course Component; pass/fail)

Assessment Type	Participation
Description	Students must pass the professional behaviour assessment in each clinical session. Assessment is based on the University Placement Policy (Policy 000768) with specific reference to actions deemed as "misconduct" and "unprofessional" as defined by this policy and including observation of all policies and procedures set out by the University Podiatry Clinic in regard to all aspects of clinical practice. This assessment ensures students have appropriate knowledge and skills to behave in a professional and ethical manner on subsequent internal and external placement. This assessment ensures students have appropriate knowledge and skills to behave in a professional and ethical manner on subsequent internal and external placement. Students not meeting the professional behaviour requirements for all clinical 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	Pass/fail.
Compulsory Requirements	Professional behaviour at all times in clinical sessions is compulsory
Clinic Dates	Please see clinic roster on Blackboard for clinic dates
Assessment criteria	Assesses objective 11
Opportunity to Reattempt	Students will NOT be given the opportunity to reattempt this assessment.

Assessment 7 – Documentation for internal clinical placement (Compulsory Course Component; pass/fail)

Assessment Type	Required documentation for clinic
Description	To attend placement and pass this course students will need to demonstrate prior to placement: National Police Certificate (from NSW or Australian Federal Police) Signed NSW Health Code of Conduct Agreement Signed NSW Health Student Declaration All specified immunisations and evidence of immunity (from a GP) Completed NSW Health Form 2. – Tuberculosis (TB) assessment tool Completed NSW Health Form 3. – Student Undertaking/Declaration Senior First Aid certificate
Compulsory Requirements	Students will be allocated a clinical placement. Any student excluded from placement because they are unable to demonstrate the above requirements will not be able to pass this course and will be given a failed grade (FF) for the course. Any student not able to fulfil these above requirements, or who are unwilling to meet these requirements, need to make an appointment with the course coordinator to discuss their progress in this course and the degree.

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).

Placement Requirements	This is a placement course covered by the Student Placement Policy. Refer to http://newcastle.edu.au/policy/000768.html for further information.
Communication Methods	Communication methods used in this course include: Face to face communication in lectures, tutorials and clinical sessions Email: Fiona.Hawke@newcastle.edu.au Canvas By appointment: Please email to arrange an appointment. Please only use your student email for course communication.
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. As a result of student feedback, the following changes have been made to this offering of the course: - The timing of the Gerontology and Paediatrics clinics have been changed so that students start half hour earlier and finish one hour earlier than in 2023.
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	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/respect-at-uni/policies-and-procedures that support a safe and respectful environment at the University.
Workplace Health and Safety	You are required to attend and complete your clinical induction session. You must comply with WH&S requirements of the Podiatry Clinic Handbook and of University Policy (http://www.newcastle.edu.au/policy/000972.html).
Contribution to ANZPAC competency standards	following competency standards of the Australian and New Zealand Podiatry Accreditation Council: 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 2.1, 2.2, 2.3, 2.4, 3.1, 3.2, 3.3, 4.1, 4.2, 4.3, 5.1, 5.2, 5.3, 6.1, 6.2, 6.3, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 8.2, 8.3, 8.4, 8.5, 8.6.

SCHEDULE

Week	Lecture (2hrs) Fiona Hawke	Tutorial in class (2hrs)
1	**PAEDS: EN211 10am to 12pm** Introduction to paediatrics and normal development	**PODLAB** Cases based on week 1 lecture History taking, assessment and stretching
2	**PAEDS: EN211 10am to 12pm** Screening, growing pains, talipes, vertical talus, met adductus, tarsal coalitions	**PODLAB** Cases based on week 2 lecture
3	**GERO: EN211 10am to 12pm** Introduction to Gerontology Foot problems in older people Pharmacology and aging	**PODLAB** Theories of aging Footwear assessment
4	**GERO: EN211 10am to 12pm** Falls in older people	**PODLAB** Falls exercise program Falls quickscreen assessment and falls education
5	**GERO: EN211 10am to 12pm** Age-related physiological changes	**PODLAB** Skin and nail pathology
6	**PAEDS: EN211 10am to 12pm** Osteochondroses, digital deformities, juvenile HAV, hip and knee disorders	**PODLAB** Case studies based on week 6 lecture
7	**Self-directed PAEDS** Down syndrome, autism, leukaemia, rickets, osteogenesis imperfecta	**PODLAB** **Bring a laptop or phone with Wifi.** Autism spectrum disorder
	MIDSEMESTER BREAK (April 7th to 21st)	
8	**GERO: EN211 10am to 12pm** Changes in posture and gait Ageism and abuse of older people	**PODLAB** HAV/Hallux limitus Case studies – physiological changes
9	**GERO: EN211 10am to 12pm** Dementia Parkinson's disease	**Mid semester exam revision**
10	**In class exam on campus 15th May**	**No tutorial**
11	**PAEDS: EN211 10am to 12pm** Gait problems, cerebral palsy, JIA, spina bifida, muscular dystrophy	**PODLAB** Student-led practise OSCEs
12	**PAEDS and GERO: EN211 10am to 12pm** Child protection and child abuse, skin cancer, night time lower limb problems	No formal tutorial. Drop in to the PodLab anytime on Wednesday 2 to 4pm to ask questions. Attendance is not compulsory