

ORHL2103: Oral Health Therapy Clinical Skills IV - Dental Therapy

Ourimbah

Semester 1 - 2024



THE UNIVERSITY OF
NEWCASTLE
AUSTRALIA

OVERVIEW

Course Description ORHL2103 integrates knowledge of intra and extra-oral radiography, cavity preparation for permanent and primary teeth, including pulpotomy procedures, stainless steel crown application, emergency restorative procedures for dental trauma and extraction of deciduous teeth. This course builds on existing clinical skills to enable students to provide clinical treatment to children and adolescents. Clinical skills laboratory sessions provide opportunities for students to develop the necessary clinical skills in relation to pulpotomy procedures, stainless steel crown application, emergency restorative procedures for dental trauma and extraction of deciduous teeth.

This course is a compulsory program component and students must pass in order to demonstrate clinical safety and to progress in the Bachelor of Oral Health Therapy program. Students are unable to enrol in Year 2 Semester 2 and Year 3 clinical courses until they have passed this course.

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 active in the B Oral Health Therapy (12390) program and have successfully completed ORHL1104, ORHL1105, HUBS1106 and HLSC1000.

Assumed Knowledge This course builds directly on, and requires that you have passed ORHL1104 and ORHL1105.

Contact Hours

Ourimbah Laboratory *
Face to Face On Campus
3 hour(s) per week(s) for 13 week(s) starting Week 1
Internal Simulation

Lectorial *
Face to Face On Campus
1 hour(s) per week(s) for 13 week(s) starting Week 1

Workshop *
Face to Face On Campus
8 hour(s) per week(s) for 2 week(s)
Clinical Workshop

* This contact type has a compulsory requirement.
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Unit Weighting

COURSE OUTLINE

www.newcastle.edu.au
CRICOS Provider 00109J

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

Course Coordinator	Ourimbah Kelly-Jean Burden Kellyjean.burden@newcastle.edu.au (02) 4348 4671 Consultation:
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Please notify me that you require a consultation via the above email address.

Teaching Staff	Other teaching staff will be advised on the course Canvas site.
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School Office	School of Health Sciences Room 302, ICT Building Callaghan SchoolHealthSciences@newcastle.edu.au +61 2 4921 7053
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SYLLABUS

Course Content	<ol style="list-style-type: none">1. Clinical radiology and interpretation of radiographs2. Pulpal physiology and management of pulpal pathology3. Infection control and moisture control4. Hand and rotary instrumentation5. Management of the carious lesion6. Dental material knowledge7. Treatment planning8. Management of dental trauma
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Course Learning Outcomes	<p>On successful completion of this course, students will be able to:</p> <ol style="list-style-type: none">1. Apply diagnostic methods, including intra- and extra-oral radiography, to identify individual anatomical features and detect hard and soft tissue pathology.2. Recognise active caries and understand the factors involved with provision of clinical restorative care for children and adolescents.3. Demonstrate an understanding of the principles and techniques for assessing pulp vitality, pulpal responses to deep carious lesions and the management of pulpal exposures in the primary and permanent dentition.4. Apply knowledge and skills required to undertake pulp therapy in primary teeth and the placement of stainless steel crowns.5. Demonstrate competent extraction of primary teeth and primary tooth fragments, including the establishment of haemostasis.6. Recognise and explain the management of common dental emergencies and trauma in the primary and permanent dentition.7. Apply the skills and knowledge necessary to employ an evidence based approach to decision making in the clinical setting.8. Demonstrate competency in the clinical care of patients, including appropriate infection control and the safe and effective administration of local anaesthetic.
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9. Reflect, evaluate and critique personal performance during clinical sessions.

Course Materials

COMPULSORY REQUIREMENTS

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

Contact Hour Requirements:

- Laboratory Attend 100% of sessions
- Workshop Attend 100% of sessions
- Lectorial Attend 80% of sessions

Course Assessment Requirements:

- **Assessment 2** - Objective Structured Clinical Examination: Pass requirement - Must pass this assessment item to pass the course.
- **Assessment 3** - Ongoing Clinical assessment: 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.

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	Exam: Formal	Formal exam period	Individual	40%	1, 2, 3, 4, 5, 6, 7
2	Objective Structured Clinical Examination*	Week 5	Individual	30%	1, 2, 3, 4, 5, 6, 7
3	Ongoing Clinical assessment*	Ongoing throughout the semester. Submitted Week 13	Individual	30%	1, 2, 3, 4, 5, 6, 7, 8, 9

* 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.

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 - Exam: Formal

Assessment Type Formal Examination

Description	This assessment is designed to assess acquisition of knowledge at an intermediate level to ensure students have adequate underlying knowledge of concepts and theories to support safe and ethical clinical practice. Students answer multiple-choice questions. They are required to recall and integrate a broad domain of knowledge relating to the competent clinical management of the child and adolescent patient, including cavity preparation for permanent and primary teeth, pulpotomy procedures, stainless steel crown application, emergency restorative procedures for dental trauma and extraction of primary teeth. Students are assessed on their ability to describe, analyse and hypothesize from this material. They demonstrate information literacy by effectively identifying, critically evaluating and applying that information to clinical practice
Weighting	40%
Due Date	Formal examination period
Submission Method	Online
Assessment Criteria	This assessment addresses course objectives 1 to 7.
Return Method	This assessment item is NOT available for return.
Feedback Provided	Individual feedback will not be provided

Assessment 2 - Objective Structured Clinical Examination

Assessment Type	Practical Demonstration
Description	This is a 1-hour assessment that will involve practical aspects of clinical tasks and examine underpinning knowledge to support technical skills and safe practice. This assessment item ensures that you are clinically competent and able to meet the requirements to progress to the University of Newcastle Oral Health Clinic. <u>This is a closed-book assessment.</u>
Weighting	30%
Compulsory Requirements	Pass requirement - Must pass this assessment item to pass the course.
Due Date	Week 5
Submission Method	Practical assessment in the Simulation Clinic. A roster will be made available on Canvas in Week 4.
Assessment Criteria	The OSCA assessment is designed to assess the students' ability to perform specific practical tasks at an intermediate level. Students are provided with a scenario at their 'station' and are required to problem-solve and perform practical tasks using specialist equipment. They are assessed on their capacity to perform the task by competently applying evidence-based knowledge in a diverse and unpredictable situation to an acceptable standard. This assesses learning outcomes 1 -7.
Return Method	Not returned
Feedback Provided	Individual feedback will be provided.
Opportunity to Reattempt	Students WILL be given the opportunity to reattempt this assessment. Students will be given the opportunity for 1 redemption attempt only. If a redemption attempt is provided, the maximum mark that can be obtained for this assessment item is 50%.

Assessment 3 - Ongoing Clinical assessment

Assessment Type	Professional Task
Description	This assessment is designed to determine students' intermediate ability to perform specific practical clinical tasks. The intent of this assessment item is to ensure that students are making satisfactory progress with their clinical skills development and that these skills are based on a broad and coherent body of knowledge. Students must demonstrate information literacy, clinical reasoning, problem-solving and technical skills and ability to retrieve and critically evaluate knowledge to enable them to provide safe, preventive and restorative clinical practice in the simulation environment. The Ongoing Clinical Skills Laboratory Assessment reviews the student's abilities in cavity design, preparation and restoration, pulpotomy procedures on, and extraction of, primary teeth.
Weighting	30%
Compulsory Requirements	Pass requirement - Must pass this assessment item to pass the course.
Due Date	Week 13
Submission Method	The ongoing clinical skills laboratory assessment logbook is to be submitted in Week 13.
Assessment Criteria	The ongoing clinical skills laboratory assessment logbook contains marking criteria for this

Return Method	assessment task. This assessment item addresses learning outcomes 1-9.
Feedback Provided	Not returned
Opportunity to Reattempt	Written and verbal feedback will be provided after each weekly laboratory session. Students WILL NOT be given the opportunity to reattempt this assessment. As this is an on-going assessment there is no opportunity for remediation.

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.

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

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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.

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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