

ORHL2101: Oral Health Sciences II

Ourimbah

Semester 1 - 2024



THE UNIVERSITY OF
NEWCASTLE
AUSTRALIA

OVERVIEW

Course Description ORHL2101 builds on communication skills learnt in first year and introduces theories and approaches used in patient management. Strategies for pain control and local anaesthesia, anatomy for local anaesthesia, and pharmacology will be introduced. The course will provide students with the necessary knowledge and skills to provide patient care including the administration of local anaesthetics and taking of radiographs. Clinical sessions will introduce students to the management of patients with simple care needs.

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 Nil

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 and HUBS1106.

Contact Hours

Ourimbah Clinical *
Face to Face On Campus
3 hour(s) per week(s) for 13 week(s) starting Week 1
Clinical - 40 hours Internal Clinic

Lecture
Online
1 hour(s) per week(s) for 13 week(s) starting Week 1

Placement *
Face to Face On Campus
6 hour(s) per term
Peer Mentoring placement with final year students at Ourimbah Clinic - Placement allocated by placement officer

Practical *
Face to Face On Campus
3 hour(s) per week(s) for 4 week(s) starting Week 5
Local Anaesthetic Simulation Activities

Unit Weighting Workload * This contact type has a compulsory requirement.
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 Dr Jayne Jones Jayne.Jones@newcastle.edu.au (02) 43494931 Consultation: by email to make 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	<ol style="list-style-type: none">1. Child and adult psychology and patient management2. Dental anatomy for local anaesthesia3. Nerve physiology4. Pain control5. L.A equipment6. Local anaesthetic dosage knowledge7. Management of emergency complications8. Patient care9. Infection Control and OHS
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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. Demonstrate appropriate and effective communication with social and cultural sensitivity, with patients, carers and team members2. Apply diagnostic methods, including intra- and extra-oral radiography, to identify individual anatomical features and detect hard and soft tissue pathology3. Identify dental anatomy for local anaesthetic placement4. Explain nerve physiology5. Explain the principles of management of infiltration injections6. Explain the principles of management of mandibular block injections7. Demonstrate effective pain control procedures8. Explain the pharmacology for local anaesthetic use9. Use safe operating methods for local anaesthetic procedures10. Understand emergency procedures for local anaesthetic complications11. Apply the skills and knowledge necessary to employ an evidence based approach to decision making in the clinical setting12. Demonstrate competence in the clinical care of patients, including appropriate infection control13. Demonstrate reflective practice within and during the clinical session.
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Course Materials	Higgs J, Ajjawi R, McAllister L, Trede F, Loftus S. Communicating in the Health Sciences. Malamed SK. Handbook of Local Anaesthesia, 7th Edition
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COMPULSORY REQUIREMENTS

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

Contact Hour Requirements:

- Clinical - There is a compulsory attendance requirement in this course. 100% Clinical Attendance to meet Australian Dental Council accreditation requirements
- Placement - There is a compulsory attendance requirement in this course. 100% Clinical Attendance to meet Australian Dental Council accreditation requirements
- Practical - There is a compulsory attendance requirement in this course. 100% Clinical Attendance to meet Australian Dental Council accreditation requirements

Course Assessment Requirements:

- Assessment 1 - Professional Task: Pass Requirement - Students must pass this assessment item to pass the course.
- Assessment 2 - Professional Task: Pass Requirement - Students must pass this assessment item to pass the course. This assessment item is a compulsory course component and must be passed to pass the course. Students who do not pass this assessment item may be given the opportunity for remediation. Students who do not pass this CCC and do not achieve an aggregate mark of 50% for the course will not be given the opportunity for remediation. If a remediation opportunity is provided, the maximum mark that can be obtained for this assessment item will be 50%.

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

Refer to Canvas.

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	Ongoing Clinical assessment*	Ongoing throughout the semester	Individual	30%	1, 2, 3, 7, 9, 11, 12, 13
2	Objective Structured Clinical Assessment (OSCA)*	Week 12	Individual	40%	3, 4, 5, 6, 7, 8, 9, 10
3	Exam MCQ	Week 13	Individual	30%	2, 3, 4, 5, 6, 8, 10, 11

* 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

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 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 - Ongoing Clinical assessment

Assessment Type	Professional Task
Description	<p>This assessment is designed to determine students' intermediate ability to perform specific practical clinical tasks and demonstrate a broad and coherent body of knowledge to a safe level in the clinical setting.</p> <p>The assessment is carried out throughout the semester and includes completion of tutor assessment and the student's self-assessment and reflection of their overall performance. Recognition is given to the students' cognitive skills shown through their ability to problem solve, to perceive and manage the big picture as well as demonstrating growth as a clinical operator. The assessment criteria include professionalism, communication skills, ethics, knowledge of infection control, WH&S, history taking, examination skills, diagnosis, treatment planning, provision of appropriate and safe clinical care, relationship between general health and oral disease and the overall management of patients.</p> <p>The student needs to demonstrate professional behaviour and effective communication with the patient in the promotion of oral health. This involves the formulation, implementation and monitoring of plans. This is a cumulative assessment item, with each patient interaction being individually assessed, and feedback provided. This requires that the students reflect on current skills, knowledge and attitudes. The final clinical mark will also include a component of the students overall performance over the semester, giving recognition to the students ability to perceive and manage the big picture, based on an overall review of knowledge, skills and attitudes as a whole, looking at the areas of infection control, team work and confidence, professional standards, communication skills, knowledge levels, ability to use technology, clinical skills, problem solving, clinical reasoning and self- assessment skills</p>
Weighting	30%.
Compulsory Requirements	Pass Requirement - Students must pass this assessment item to pass the course.
Due Date	Ongoing throughout the semester
Submission Method	Marking Rubric in the Student Continuous Clinical Assessment Record.
Assessment Criteria	Continuous Clinical Assessment Record to be submitted at the end of semester
Return Method	This assessment item will NOT be returned
Feedback Provided	Students are provided with feedback during and at the completion of each clinical session
Opportunity to Reattempt	Students WILL NOT be given the opportunity to reattempt this assessment. As this is an ongoing assessment item it cannot be reattempted.

Assessment 2 - Objective Structured Clinical Assessment (OSCA)

Assessment Type	Professional Task
Description	<p>The purpose of this assessment is to assess the students' ability to perform specific practical clinical tasks at an intermediate level.</p> <p>A 1-hour practical and theoretical OSCA test will be held in Week 13. This will involve practical aspects of local anaesthetic technique and appropriate theoretical knowledge to support this technique. This assessment item examines your ability to safely apply local anaesthetic theory to technique, to ensure that you are able to use these appropriately and safely in the clinical environment.</p>
Weighting	40%.
Compulsory Requirements	Pass Requirement - Students must pass this assessment item to pass the course.
Due Date	Week 12
Submission Method	This is a practical assessment. A roster will be made available on Canvas before week 13.
Assessment Criteria	This assessment addresses course objectives 2, 3, 4, 5, 6, 7, 8, 9, 10. Students transition through a number of 'stations' 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.
Return Method	This assessment item will NOT be returned.
Feedback Provided	General feedback provided on Canvas, individual feedback will NOT be provided.

Opportunity to Reattempt	Students WILL be given the opportunity to reattempt this assessment. This assessment item is a compulsory course component and must be passed to pass the course. Students who do not pass this assessment item may be given the opportunity for remediation. Students who do not pass this CCC and do not achieve an aggregate mark of 50% for the course will not be given the opportunity for remediation. If a remediation opportunity is provided, the maximum mark that can be obtained for this assessment item will be 50%.
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Assessment 3 – MCQ Examination

Assessment Type	MCQ 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 will be required to answer 50 randomly generated MCQ questions. They are required to recall and integrate a broad domain of knowledge relating to communication skills in the management of child and adult patients, and the provision of pain control and local anaesthesia for patients and are assessed on their ability to answer MCQ questions from this material. Students demonstrate information literacy by effectively identifying, critically evaluating and using that information as it relates to health education and practice. This is a closed book examination.
Weighting	30%
Due Date	Week 13
Submission Method	This is an online assessment
Assessment Criteria	This assessment addresses course objectives 1 to 11
Return Method	This assessment item is NOT available for return
Feedback Provided	General feedback provided on Canvas; individual feedback will NOT be provided.

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 and face to face
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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	<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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