

ORHL1101: Oral Health Sciences I

Ourimbah

Semester 1 - 2024



THE UNIVERSITY OF
NEWCASTLE
AUSTRALIA

OVERVIEW

Course Description

ORHL1101 introduces students to the development, structure and function of the dental hard and soft tissues. The aetiology, pathology, clinical presentation and principles of management of the plaque related dental diseases (dental caries and periodontal disease) will be described. The social, cultural and environmental factors that contribute to oral health or ill health will also be addressed.

This course is a compulsory program component and students must pass in order to progress in the Bachelor of Oral Health Therapy program. Students are unable to enrol in Year 1 Semester 2 and Year 2 and 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 enrolled in the [12390] B Oral Health Therapy program.

Contact Hours

Ourimbah

Lecture

Online

2 hour(s) per week(s) for 13 week(s) starting Week 1

Tutorial *

Face to Face On Campus

2 hour(s) per week(s) for 13 week(s) starting Week 1

Unit Weighting Workload

* This contact type has a compulsory requirement.

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

COURSE OUTLINE

CONTACTS

Course Coordinator	Ourimbah Dr Jayne Jones jayne.jones@newcastle.edu.au (02) 43494931 Consultation: by email
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	1. Orofacial embryology
	2. Dental development
	3. Dental anatomy
	4. Oral biology
	5. Oral microbiology
	6. Oral pathology
	7. Dental Caries
	8. Periodontal diseases

Course Learning Outcomes	On successful completion of this course, students will be able to:
	1. Describe the macroscopic and microscopic appearance of the teeth, periodontal tissues and alveolar bone and relate these to composition and function;
	2. Describe the developmental stages from zygote to birth with specific reference to the development of the nasal cavity and the oral cavity and its contents;
	3. Describe the development of the teeth, periodontal tissues, mucous membrane and alveolar bone;
	4. Identify developmental abnormalities of the dental hard and soft tissues;
	5. Identify abnormalities of appearance and structure of the teeth, periodontal tissues, mucous membrane and alveolar bone;
	6. Describe the aetiology and pathology of dental caries and periodontal disease;
	7. Describe how dental caries and periodontal disease can present and identify such disease;
	8. Describe the underlying principles of the management of dental caries and periodontal disease;
	9. Discuss the social, cultural and environmental factors that contribute to oral health or ill health.

Course Materials	Recommended Text: This course is based on the text and accompanying workbook: Illustrated Dental Embryology, Histology and Anatomy by Margaret J Fehrenbach & Tracy Popowics. This text is supported by various on-line resources and details of how to access these are provided within the textbook. While other similar books are likely to have the same content, ORHL1101 course material makes specific reference to chapters and pages in the recommended text
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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:

- Tutorial - There is a compulsory attendance requirement in this course. 80% Attendance Required.

Course Assessment Requirements:

- Assessment 1 - Exam: MCQ: Pass requirement - 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	Exam MCQ	Week 13	Individual	40%	1, 2, 3, 4, 5, 6, 7, 8, 9
2	Quiz	Week 5	Individual	30%	1
3	Written Assignment	Week 10	Individual	30%	4

* 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 - Exam

Assessment Type

Formal Examination

Description

This assessment will comprise of multiple-choice questions. The purpose of this assessment is to test acquisition of current and in-depth knowledge. Students complete a number of multiple choice questions that requires them to recall, analyse, evaluate, describe and explain aspects of the development, structure and function of the dental hard and soft tissues; the aetiology, pathology, clinical presentation and principles of management of dental caries and periodontal disease and the social, cultural and environmental factors that contribute to oral or ill health.

Weighting

40%

Compulsory Requirements

Pass Requirement - Students must pass this assessment item to pass the course.

Due Date

Week 13

Submission Method	To be submitted at the completion of the assessment.
Assessment Criteria	Multiple-choice question quiz. This assessment item addresses learning outcomes 1-9.
Return Method	This assessment item is NOT available for return.
Feedback Provided	Individual feedback will not be offered.
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%.

Assessment 2 - Quiz

Assessment Type	Quiz
Description	Students complete an online quiz including short answer and fill the blanks. The purpose of this quiz is to test acquisition of contemporary practice-based knowledge and provide formative feedback
Weighting	30%
Due Date	Week 5
Submission Method	The assessment to be submitted online at the end of the allocated quiz time.
Assessment Criteria	This assessment addresses learning outcome 1
Return Method	This assessment is NOT available for return.
Feedback Provided	Ideal answers will be discussed in class

Assessment 3 - Written Assignment

Assessment Type	Written Assignment
Description	Students prepare a referenced report on a developmental disorder. The Written Assignment provides the opportunity for students to demonstrate their written communication skills and capacity to discuss, critically evaluate and apply current developing knowledge in a specific context. This assessment develops students' capacity to gather, reflect on and present information in a formal, structured way.
Weighting	30%
Due Date	Week 10
Submission Method	The assessment will be submitted via the Turnitin link on Canvas.
Assessment Criteria	Marking rubric can be found on Canvas. This assessment item addresses learning outcome 4.
Return Method	The item will be returned via Canvas.
Feedback Provided	The report will be returned with the marking rubric and feedback.

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: Canvas modules, Announcements, student emails

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
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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