

Profile information current as at 20/04/2024 05:51 am

All details in this unit profile for ORAL11005 have been officially approved by CQUniversity and represent a learning partnership between the University and you (our student). The information will not be changed unless absolutely necessary and any change will be clearly indicated by an approved correction included in the profile.

General Information

Overview

This unit covers key topics which are foundations for preclinical and clinical study in the Oral Health Therapy Course. You will study morphology and development of teeth, basic occlusion and microscopic anatomy of oral structures. The study of distinct features and traits of teeth, in primary and permanent dentitions, will enable you to identify and examine teeth, as well as develop an awareness of root morphology required for primary tooth extractions and periodontal treatment for the adult dentition. The study of the development of teeth and the sequence of eruption and exfoliation will develop your understanding of the changes with age from infancy to adulthood. This knowledge and understanding will also enable you to predict changes in the dentition with age and identify abnormalities in the eruption sequence. The study of dental morphology and occlusion will provide you with an understanding of tooth shape and function that applies to the restoration of natural tooth form. The microscopic study of teeth and oral structures will support your study of dental caries, periodontal disease and oral mucosal diseases.

Details

Career Level: Undergraduate

Unit Level: Level 1 Credit Points: 6

Student Contribution Band: 9

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

Condition: Students must be enrolled in CB29 Oral Health Course to enrol in this unit. Prerequisite: HLTH11027

Foundations of HealthCorequisite: ORAL11004 Oral Anatomy

Important note: Students enrolled in a subsequent unit who failed their pre-requisite unit, should drop the subsequent unit before the census date or within 10 working days of Fail grade notification. Students who do not drop the unit in this timeframe cannot later drop the unit without academic and financial liability. See details in the Assessment Policy and Procedure (Higher Education Coursework).

Offerings For Term 2 - 2019

- Mixed Mode
- Rockhampton

Attendance Requirements

All on-campus students are expected to attend scheduled classes - in some units, these classes are identified as a mandatory (pass/fail) component and attendance is compulsory. International students, on a student visa, must maintain a full time study load and meet both attendance and academic progress requirements in each study period (satisfactory attendance for International students is defined as maintaining at least an 80% attendance record).

Residential Schools

This unit has a Compulsory Residential School for distance mode students and the details are: Click here to see your Residential School Timetable.

Website

This unit has a website, within the Moodle system, which is available two weeks before the start of term. It is important that you visit your Moodle site throughout the term. Please visit Moodle for more information.

Class and Assessment Overview

Recommended Student Time Commitment

Each 6-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 12.5 hours of study per week, making a total of 150 hours for the unit.

Class Timetable

Regional Campuses

Bundaberg, Cairns, Emerald, Gladstone, Mackay, Rockhampton, Townsville

Metropolitan Campuses

Adelaide, Brisbane, Melbourne, Perth, Sydney

Assessment Overview

In-class Test(s)
 Weighting: 25%
 Online Quiz(zes)
 Weighting: 25%
 Examination

Weighting: 50%

Assessment Grading

This is a graded unit: your overall grade will be calculated from the marks or grades for each assessment task, based on the relative weightings shown in the table above. You must obtain an overall mark for the unit of at least 50%, or an overall grade of 'pass' in order to pass the unit. If any 'pass/fail' tasks are shown in the table above they must also be completed successfully ('pass' grade). You must also meet any minimum mark requirements specified for a particular assessment task, as detailed in the 'assessment task' section (note that in some instances, the minimum mark for a task may be greater than 50%). Consult the <u>University's Grades and Results Policy</u> for more details of interim results and final grades.

CQUniversity Policies

All University policies are available on the CQUniversity Policy site.

You may wish to view these policies:

- Grades and Results Policy
- Assessment Policy and Procedure (Higher Education Coursework)
- Review of Grade Procedure
- Student Academic Integrity Policy and Procedure
- Monitoring Academic Progress (MAP) Policy and Procedure Domestic Students
- Monitoring Academic Progress (MAP) Policy and Procedure International Students
- Student Refund and Credit Balance Policy and Procedure
- Student Feedback Compliments and Complaints Policy and Procedure
- Information and Communications Technology Acceptable Use Policy and Procedure

This list is not an exhaustive list of all University policies. The full list of University policies are available on the <u>CQUniversity Policy site</u>.

Previous Student Feedback

Feedback, Recommendations and Responses

Every unit is reviewed for enhancement each year. At the most recent review, the following staff and student feedback items were identified and recommendations were made.

Feedback from Student evaluations and in-class.

Feedback

Students enjoyed the residential school and felt it was a valuable learning experience. Each year students are given directions on carving a tooth from wax and preparing anatomical drawings of teeth. There are always mixed responses to these activities as some students feel they take up too much time and are not happy about the marks given for the task. While students enjoy the learning activities at residential school they report feeling very stressed by the multistation practical test.

Recommendation

Residential school will remain in 2019 as it is an important learning experience. Wax carving and tooth drawing will remain as part of the activities at residential school but as formative assessments only. It is recognized that these activities are time consuming activities, especially when the residential school is only two days long. In 2019 ways of streamlining the tasks will be examined. The multi-station practical test will remain as part of the assessment. Time given for the test and questions included will be reviewed.

Feedback from Student evaluations and in-class

Feedback

Students would like all content for the week to be available at the beginning of the week. With the lecture recorded on Thursdays afternoon, some students felt that they were behind all term as the recording was only available at the end of the week. However students appreciated the weekly study guides, quizzes, sample exam questions and tutorial exercises which were always available at the beginning of each week.

Recommendation

It is understood that students would like every resource to be in place when they begin their week of study. While it is not possible to schedule all lectures on Mondays, steps can be taken to avoid scheduling lectures later in the week. Before attending or watching the lecture on-line, students are encouraged to read the recommended chapter in the textbook and follow the study guide as these are made available in advance of the scheduled week. Students are reminded that the slides for the lecture will only be uploaded on the day of the lecture to allow for weekly updates. If students still wish to listen to and view a lecture before the scheduled time, a copy of the previous year's recording will be included on a separate page on Moodle.

Feedback from Student evaluations

Feedback

Students felt written assignment was clinically relevant and enjoyed researching topics that were informative and useful. Some students felt they needed more time to complete the assignment and more guidance. Students would like the topics available on week one.

Recommendation

Although the topics for the written assignment related microscopic anatomy of oral structures to clinical practice and student enjoyed researching these topics, the written assignment will not be part of assessment in 2019. The topics will be covered in the weekly learning material and the written assignment will be replaced by two on-line quizzes in 2019. This change should benefit students' workload.

Feedback from Student evaluations and in-class

Feedback

Student would like the opportunity to participate face-to-face in tutorial exercises, especially to discuss difficult concepts and problem solving activities.

Recommendation

ORAL11005 is a challenging unit. There are a number of difficult concepts to understand and a number of the questions in the in-class test and final written exam require problem solving abilities. Tutorial exercises will be further developed and students will be encouraged to ask questions in the Q&A forum. Activities at residential school will be reviewed to include a group problem solving activity.

Unit Learning Outcomes

On successful completion of this unit, you will be able to:

- 1. Identify teeth and their occlusal relationships in the primary and permanent dentition in all stages of development from infancy to adulthood
- 2. Describe features and traits of teeth in the primary and permanent dentition as well as normal sequence of eruption and exfoliation, development and function of occlusion
- 3. Describe the process of odontogenesis as well as microscopic anatomy of tissues and structures associated with the oral cavity
- 4. Demonstrate appropriate oral and written communication skills, professional attitudes and ethical behaviours as required of an Oral Health Therapist.

All unit profiles in the Bachelor of Oral Health are made available to the Australian Dental Council for on-going accreditation purposes.

Alignment of Learning Outcomes, Assessment and Graduate Attributes Intermediate Introductory Graduate Professional Advanced Level Level Level Level Level Alignment of Assessment Tasks to Learning Outcomes **Assessment Tasks Learning Outcomes** 1 2 3 4 1 - In-class Test(s) - 25% 2 - Online Quiz(zes) - 25% 3 - Examination - 50% Alignment of Graduate Attributes to Learning Outcomes **Graduate Attributes Learning Outcomes** 1 2 3 4 1 - Communication 2 - Problem Solving 3 - Critical Thinking 4 - Information Literacy 5 - Team Work 6 - Information Technology Competence 7 - Cross Cultural Competence 8 - Ethical practice

Graduate Attributes			Learning Outcomes							
				1		2		3		4
9 - Social Innovation										
10 - Aboriginal and Torres Strait Islander	Cultures									
				ribut	ac					
	Gi	raduat				6	7	8	9	10
Alignment of Assessment Tasks Assessment Tasks 1 - In-class Test(s) - 25%	Gi	raduat 2	e Att			6	7	8	9	10
Assessment Tasks	Gi 1	raduat 2	e Att	4	5	6	7		9	10

Textbooks and Resources

Textbooks

ORAL11005

Prescribed

Essentials of Oral Histology and Embryology A Clinical Approach.

Edition: 5th (2019)

Authors: Daniel J. Chiego, Jr. Mosby, an Imprint of Elsevier Inc

St Louis , Missouri , USA ISBN: ISBN: 978-0-323-08256-3

Binding: Paperback

ORAL11005

Prescribed

Woelfel's Dental Anatomy

Edition: 9th (2017)

Authors: Rickne C. Scheid and Gabriela Weiss

Wolters Kluwer Health / Lippincott Williams and Wilkins

Philadelphia , Pennsylvania , USA ISBN: ISBN: 9781496320223

Binding: Paperback

View textbooks at the CQUniversity Bookshop

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)

Referencing Style

All submissions for this unit must use the referencing styles below:

- American Psychological Association 6th Edition (APA 6th edition)
- Harvard (author-date)

For further information, see the Assessment Tasks.

Teaching Contacts

Ceinwen Fay Unit Coordinator

Abnormalities of enamel and

Week 5 - 12 Aug 2019

morphology

Module/Topic

dentine.

c.m.fay@cqu.edu.au

Schodulo

Schedule		
Week 1 - 15 Jul 2019		
Module/Topic	Chapter	Events and Submissions/Topic
Dental Morphology: • Basic terminology to describe tooth morphology • Dental notation.	Scheid, RC & Weiss, G 2017, Woelfel's Dental Anatomy 9th Edn, Wolters Kluwer Health / Lippincott Williams and Wilkins Philadephia, Pennsylvania, USA. Chapter 1.	
Week 2 - 22 Jul 2019		
Module/Topic	Chapter	Events and Submissions/Topic
Morphology of the Permanent teeth: • Permanent incisors • Permanent canines • Permanent premolars • Permanent molars	Scheid, RC & Weiss, G 2017, Woelfel's Dental Anatomy 9th Edn, Wolters Kluwer Health / Lippincott Williams and Wilkins Philadephia, Pennsylvania, USA. Chapters 2-5.	
Week 3 - 29 Jul 2019		
Module/Topic	Chapter	Events and Submissions/Topic
Morphology of teeth in the Primary Dentition: • Incisors • Canines • Molars	Scheid, RC & Weiss, G 2017, Woelfel's Dental Anatomy 9th Edn, Wolters Kluwer Health / Lippincott Williams and Wilkins Philadephia, Pennsylvania, USA. Chapter 6.	
Week 4 - 05 Aug 2019		
Module/Topic	Chapter	Events and Submissions/Topic
Periodontal anatomy for permanent teeth and Dental Anomalies • Anatomy of the Periodontium, clinical appearance and morphology • Variations in number of teeth • Variations in crown and root	Scheid, RC & Weiss, G 2017, Woelfel's Dental Anatomy 9th Edn, Wolters Kluwer Health / Lippincott Williams and Wilkins Philadephia, Pennsylvania,	First Assessment Quiz. Weeks 1-4

USA.

Chapter

Chapters 7 and 11.

Events and Submissions/Topic

Functional Occlusion and Malocclusion: Scheid, RC & Weiss, G 2017, Woelfel's · Features of the ideal occlusion Dental Anatomy 9th Edn, Wolters · Positions of the teeth in MIP and CR Kluwer Health / Lippincott Williams First Assessment Quiz opens • Movements of the mandible and Wilkins Philadephia, Pennsylvania, · Angle's classification of USA. malocclusions Chapter 1. Section VIII and 9. · Dental and skeletal malocclusions Vacation Week - 19 Aug 2019 **Events and Submissions/Topic** Module/Topic Chapter Week 6 - 26 Aug 2019 Chapter **Events and Submissions/Topic** Module/Topic Introduction to Embryology and Microscopic Anatomy Review the structure and function of Chiego, DJ 2019, Essentials of Oral Cells, Tissues, Organs and Organ Histology and Embryology, A Clinical systems Approach. 5th Edn. Mosby, an Imprint Origin of human tissue of Elsevier Inc. St Louis, Missouri, USA. Development of the oral facial Chapters 1-4. region · Development of the face and palate Week 7 - 02 Sep 2019 Module/Topic Chapter **Events and Submissions/Topic** Two-day Compulsory Residential School- Rockhampton campus Scheid, RC & Weiss, G 2017, Woelfel's Teeth drawing Dental Anatomy 9th Edn, Wolters Teeth carving in wax In-Class Test Due: Week 7 Kluwer Health / Lippincott Williams · Creating a plaster model of a giant Wednesday (4 Sept 2019) 5:00 pm and Wilkins Philadephia, Pennsylvania, tooth in the prosthetic lab USA. Anatomy tutorials Chapter 13. • Multi-station anatomy practical inclass test Week 8 - 09 Sep 2019 Module/Topic Chapter **Events and Submissions/Topic** Scheid, RC & Weiss, G 2017, Woelfel's Dental Anatomy 9th Edn, Wolters Kluwer Health / Lippincott Williams and Development and eruption of teeth Wilkins Philadephia, Pennsylvania, Development and growth of the USA. teeth Chapter 6. Pages 185-192. • The process of tooth eruption and Chiego, DJ 2019, Essentials of Oral sheddina Histology and Embryology, A Clinical • Sequence of eruption and exfoliation Approach. 5th Edn. Mosby, an Imprint of Elsevier Inc. St Louis, Missouri, USA. Chapters 5 and 6. Week 9 - 16 Sep 2019

Module/Topic	Chapter	Events and Submissions/Topic
Microscopic Anatomy • Alveolar process • Periodontal ligament • Cementum	Chiego, DJ 2019, Essentials of Oral Histology and Embryology, A Clinical Approach. 5th Edn. Mosby, an Imprint of Elsevier Inc. St Louis, Missouri, USA. Chapters 11 and 12.	

Week 10 - 23 Sep 2019

Module/Topic Chapter Events and Submissions/Topic

Chiego, DJ 2019, Essentials of Oral
Microscopic Anatomy
• Enamel
• Dentine

Chiego, DJ 2019, Essentials of Oral
Histology and Embryology, A Clinical
Approach. 5th Edn. Mosby, an Imprint
of Elsevier Inc. St Louis, Missouri, USA.
Chapters 7 and 8.

Week 11 - 30 Sep 2019

Module/Topic Chapter Events and Submissions/Topic

Microscopic Anatomy

• Pulp Tissue

• Oral Mucosa

• Salivary Glands

Chiego, DJ 2019, Essentials of Oral Histology and Embryology, A Clinical Approach. 5th Edn. Mosby, an Imprint of Elsevier Inc. St Louis, Missouri, USA.

Chapters 9 and 10.

Week 12 - 07 Oct 2019

Module/Topic Chapter Events and Submissions/Topic

Chiego, DJ 2019, Essentials of Oral Histology and Embryology, A Clinical Second Assessment Quiz opens

Revision of microscopic anatomy.

Approach. 5th Edn. Mosby, an Imprint

Online quizzes Due: Week 12 Friday

of Elsevier Inc. St Louis, Missouri, USA. (11 Oct 2019) 5:00 pm AEST Chapters 1-10.

Review/Exam Week - 14 Oct 2019

Module/Topic Chapter Events and Submissions/Topic

Exam Week - 21 Oct 2019

Module/Topic Chapter Events and Submissions/Topic

Term Specific Information

The required textbook for ORAL11004 will be used as a reference text for this unit.

Assessment Tasks

1 In-Class Test

Assessment Type

In-class Test(s)

Task Description

For this assessment you will be asked to complete a multi-station In-Class test during the compulsory residential school. There will be numbered stations with a range of anatomical models, teeth, radiographs and pictures. You will move from station to station at timed intervals and answer questions at each station. You will be required to identify teeth and features of dental morphology at each station. The knowledge assessed in this in-class test is essential to the practice of an Oral Health Therapist. All questions included in this test have clinical applications.

Assessment Due Date

Week 7 Wednesday (4 Sept 2019) 5:00 pm AEST

The test will take place on the last day of the compulsory residential school.

Return Date to Students

Week 7 Wednesday (4 Sept 2019)

Feedback on the correct answers will be given following the test.

Weighting

25%

Assessment Criteria

The percentage of your final mark is 25%.

You must complete this assessment to pass the unit.

The assessment will be conducted under examination conditions and will be a closed book examination.

This is a written test where you will be asked to name and identify teeth and features of dental morphology at multiple

stations within a time limit.

The assessment will be conducted during the compulsory residential school on Wednesday 4th September 2019. Feedback on the correct answers will be given directly after the test.

Referencing Style

- American Psychological Association 6th Edition (APA 6th edition)
- Harvard (author-date)

Submission

Offline

Submission Instructions

Students will submit their answers to the In-class test on an answer sheet.

Learning Outcomes Assessed

- Identify teeth and their occlusal relationships in the primary and permanent dentition in all stages of development from infancy to adulthood
- Demonstrate appropriate oral and written communication skills, professional attitudes and ethical behaviours as required of an Oral Health Therapist.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- Ethical practice

2 Online quizzes

Assessment Type

Online Quiz(zes)

Task Description

There will be two separate quizzes to assess your knowledge of dental morphology and microscopic anatomy with a focus on terminology. The quizzes include questions from weekly formative quizzes and new questions in multiple choice and matching formats. As preparation for the assessment quizzes you are strongly encouraged to complete weekly formative quizzes.

The first assessment quiz will include 40 questions. This quiz is worth 10% and will open at the beginning of week five. The second assessment quiz will have 60 questions. This quiz is worth 15% and will open at the end of week twelve. Both quizzes close 5.00 pm Friday 11th October 2019.

Number of Quizzes

2

Frequency of Quizzes

Other

Assessment Due Date

Week 12 Friday (11 Oct 2019) 5:00 pm AEST

Marks will be available upon completing the assessment task.

Return Date to Students

Week 12 Friday (11 Oct 2019)

Online feedback will be given directly after the quizzes are closed.

Weighting

25%

Minimum mark or grade

50%

Assessment Criteria

The percentage of your final mark is 25%.

You must complete both quizzes to pass the unit.

The quizzes may be conducted with open-books.

The guizzes are completed on-line in Moodle within a time limit.

Feedback will be given directly after the quizzes are closed. Questions will be automatically marked correct or incorrect. The maximum score (25) that can be accumulated from the two online quizzes equals 25% of the total marks. The 50%

minimum mark requirement is on the cumulative score of the two guizzes.

Referencing Style

- American Psychological Association 6th Edition (APA 6th edition)
- Harvard (author-date)

Submission

Online

Submission Instructions

Quizzes will be completed online through the unit Moodle site.

Learning Outcomes Assessed

- Describe features and traits of teeth in the primary and permanent dentition as well as normal sequence of eruption and exfoliation, development and function of occlusion
- Describe the process of odontogenesis as well as microscopic anatomy of tissues and structures associated with the oral cavity

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence

Examination

Outline

Complete an invigilated examination.

Date

During the examination period at a CQUniversity examination centre.

Weighting

50%

Length

180 minutes

Minimum mark or grade

50%

Exam Conditions

Closed Book.

Materials

Dictionary - non-electronic, concise, direct translation only (dictionary must not contain any notes or comments).

Academic Integrity Statement

As a CQUniversity student you are expected to act honestly in all aspects of your academic work.

Any assessable work undertaken or submitted for review or assessment must be your own work. Assessable work is any type of work you do to meet the assessment requirements in the unit, including draft work submitted for review and feedback and final work to be assessed.

When you use the ideas, words or data of others in your assessment, you must thoroughly and clearly acknowledge the source of this information by using the correct referencing style for your unit. Using others' work without proper acknowledgement may be considered a form of intellectual dishonesty.

Participating honestly, respectfully, responsibly, and fairly in your university study ensures the CQUniversity qualification you earn will be valued as a true indication of your individual academic achievement and will continue to receive the respect and recognition it deserves.

As a student, you are responsible for reading and following CQUniversity's policies, including the **Student Academic Integrity Policy and Procedure**. This policy sets out CQUniversity's expectations of you to act with integrity, examples of academic integrity breaches to avoid, the processes used to address alleged breaches of academic integrity, and potential penalties.

What is a breach of academic integrity?

A breach of academic integrity includes but is not limited to plagiarism, self-plagiarism, collusion, cheating, contract cheating, and academic misconduct. The Student Academic Integrity Policy and Procedure defines what these terms mean and gives examples.

Why is academic integrity important?

A breach of academic integrity may result in one or more penalties, including suspension or even expulsion from the University. It can also have negative implications for student visas and future enrolment at CQUniversity or elsewhere. Students who engage in contract cheating also risk being blackmailed by contract cheating services.

Where can I get assistance?

For academic advice and guidance, the <u>Academic Learning Centre (ALC)</u> can support you in becoming confident in completing assessments with integrity and of high standard.

What can you do to act with integrity?



Be Honest

If your assessment task is done by someone else, it would be dishonest of you to claim it as your own



Seek Help

If you are not sure about how to cite or reference in essays, reports etc, then seek help from your lecturer, the library or the Academic Learning Centre (ALC)



Produce Original Work

Originality comes from your ability to read widely, think critically, and apply your gained knowledge to address a question or problem