



ORAL11004 Oral Anatomy

Term 2 - 2017

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

All details in this unit profile for ORAL11004 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

In this unit you will develop an understanding of the anatomy and physiology relevant to the oral cavity and the practice of an Oral Health Therapist. This unit will cover the following topics: surface anatomy, bones, muscles, blood vessels, nerves and lymphatics of the head and neck. It will include structures related to the oral cavity such as paranasal sinuses, temporo mandibular joint and salivary glands. This unit will provide you with the foundation knowledge required to administer local anaesthesia in oral health therapy practice and to conduct a dental examination of the extra oral and intra oral features. You will be familiarised with normal radiographic appearance of oral structures in preparation for second year clinical practice and studies in orthodontics. You will develop an understanding of the healthy oral biological and biochemical environment and the importance of saliva. This unit is offered in conjunction with ORAL11003 Oral Pathology and Diagnosis. The knowledge of this unit will support your study of pathology in the head and neck region. You are required to attend the compulsory residential school.

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: BIOH11005

Introductory Anatomy and Physiology Anti-requisite: Students must not be enrolled in the unit ORAL11002 as this unit replaces part of the content of ORAL11002.

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 - 2017

- Distance
- 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

1. **In-class Test(s)**

Weighting: 20%

2. **Practical and Written Assessment**

Weighting: 30%

3. **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 [University's Grades and Results Policy](#) 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 [CQUniversity Policy site](#).

Unit Learning Outcomes

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

1. Describe the embryological development of the head and neck with relevance to the oral cavity and the developing face, dentition and occlusion.
2. Identify and describe anatomical and physiological features of the head and neck with particular relevance to the oral cavity.
3. Describe the features of a healthy oral biological and biochemical environment and discuss the importance of saliva.
4. Communicate information regarding oral health in oral and written forms.
5. Satisfy the requirements of an evolving dental practitioner utilising appropriate interpersonal / team communication skills, professional attitudes and ethical behaviours.

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



Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
1 - In-class Test(s) - 20%		•		•	•
2 - Practical and Written Assessment - 30%	•	•		•	•
3 - Examination - 50%	•	•	•	•	•

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes				
	1	2	3	4	5
1 - Communication	•	•	•	•	•
2 - Problem Solving	•	•	•		
3 - Critical Thinking	•	•	•		
4 - Information Literacy	•	•	•		
5 - Team Work				•	•
6 - Information Technology Competence	•	•	•		
7 - Cross Cultural Competence				•	•

Graduate Attributes	Learning Outcomes				
	1	2	3	4	5
8 - Ethical practice				•	•
9 - Social Innovation					
10 - Aboriginal and Torres Strait Islander Cultures					

Alignment of Assessment Tasks to Graduate Attributes

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
1 - In-class Test(s) - 20%	•	•	•	•	•	•	•	•		
2 - Practical and Written Assessment - 30%	•	•	•	•	•	•	•	•		
3 - Examination - 50%	•	•	•	•		•				

Textbooks and Resources

Textbooks

ORAL11004

Prescribed

Woelfel's Dental Anatomy

Ninth Edition (2017)

Authors: Rickne C. Scheid and Gabriela Weiss
Wolters Kluwer Health / Lippincott Williams and Wilkins

Philadelphia , Pennsylvania , USA

ISBN: 9781496320223

Binding: Paperback

Additional Textbook Information

Woelfel's Dental Anatomy is the prescribed textbook for ORAL11005 (a co-requisite unit for ORAL11004)

[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
c.m.fay@cqu.edu.au

Schedule

Week 1 - 10 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
Introduction to Head and Neck Anatomy <ul style="list-style-type: none">• Terminology• Osteology of the head and neck	Scheid and Weiss (2017) Chapter 14 pages 391-417.	Online Formative Quiz

Week 2 - 17 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
Muscles of the Head and Neck <ul style="list-style-type: none">• Muscles of mastication• Muscles of facial expression• Triangles and muscles of the neck	Scheid and Weiss (2017) Chapter 14 pages 418-427.	Online Formative Quiz

Week 3 - 24 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
Nerve Supply of the head and neck.	Scheid and Weiss (2017) Chapter 14 Pages 428-439.	Online Formative Quiz

Week 4 - 31 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
Blood Vessels and lymphatics of the head and neck.	Scheid and Weiss (2017) Chapter 14 Pages 440-445.	Online Formative Quiz

Week 5 - 07 Aug 2017

Module/Topic	Chapter	Events and Submissions/Topic
The Temporomandibular joint (TMJ) <ul style="list-style-type: none">• Anatomy• Muscles affecting mandibular movement• Function• TMJ dysfunction	Scheid and Weiss (2017) Chapter 14. Chiego (2014) Chapter 13	Online Formative Quiz

Vacation Week - 14 Aug 2017

Module/Topic	Chapter	Events and Submissions/Topic
--------------	---------	------------------------------

Week 6 - 21 Aug 2017

Module/Topic	Chapter	Events and Submissions/Topic
Oral Examination and landmarks for Local Anaesthesia <ul style="list-style-type: none">• Normal structures for the extra oral and intra-oral examination• Introduction to local anaesthesia for oral health therapists• Landmarks for Local Anaesthesia• Radiographic landmarks	Scheid and Weiss (2017) Chapter 15, Pages 449-479.	Online Formative Quiz

Week 7 - 28 Aug 2017

Module/Topic	Chapter	Events and Submissions/Topic
--------------	---------	------------------------------

Compulsory Residential School 27th-28th August

- Anatomy practical examination OSCE
- Introduction to local anaesthesia landmarks and technique on LA simulator.
- Anatomy tutorials.

Scheid and Weiss (2017)
Chapter 14 and 15.

Two day Compulsory Residential School. Rockhampton Campus:
Sunday 27th- Monday 28th August

In-class Test(s) Due: Week 7 Monday (28 Aug 2017) 5:00 pm AEST

Week 8 - 04 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic
Introduction to Embryology <ul style="list-style-type: none"> • Introduction to embryology • Development of the face, oral cavity and palate 	Chiego (2014) Chapters 1-4 Additional resources on Moodle	Online Formative Quiz

Week 9 - 11 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic
Anatomy and Physiology of the Salivary Glands	Scheid and Weiss (2017) Chapters 14 and 15. Chiego (2014) Chapter 15	Online Formative Quiz

Week 10 - 18 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic
Structures of the head and neck relevant to the dental examination <ul style="list-style-type: none"> • Paranasal sinuses • Structures of the anterior neck 	Scheid and Weiss (2017) Chapter 14 Additional resources on Moodle	Online Formative Quiz

Week 11 - 25 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic
Structures of the head and neck relevant to the dental examination <ul style="list-style-type: none"> • The eye • The ear 	Resources on Moodle	Online Formative Quiz Practical and Written Assessment Due: Week 11 Monday (25 Sept 2017) 5:00 pm AEST

Week 12 - 02 Oct 2017

Module/Topic	Chapter	Events and Submissions/Topic
Spread of infection in the head and neck <ul style="list-style-type: none"> • Tissue spaces • Lymphatic drainage • Spread of Infection in the head and neck 	Scheid and Weiss (2017) Chapter 14 and 15 Additional resources on Moodle	Online Formative Quiz

Review/Exam Week - 09 Oct 2017

Module/Topic	Chapter	Events and Submissions/Topic
--------------	---------	------------------------------

Exam Week - 16 Oct 2017

Module/Topic	Chapter	Events and Submissions/Topic
--------------	---------	------------------------------

Term Specific Information

ORAL11005 Dental Morphology and Microscopic Anatomy is a co-requisite unit for ORAL11005. The required textbook for ORAL11005 (Essentials of Oral Histology and Embryology: A Clinical Approach by Daniel J. Chiego, Jr. Fourth Edition) will be used as a reference text for this unit.

Assessment Tasks

1 In-class Test(s)

Assessment Type

In-class Test(s)

Task Description

For this assessment you will be asked to complete one Objective Structured Clinical Examination. This test will take place during the compulsory residential school. There will be numbered stations with a range of anatomical models, skulls, 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 anatomical landmarks of the head and neck. All questions have clinical applications for Oral Health Therapy practice.

Assessment Due Date

Week 7 Monday (28 Aug 2017) 5:00 pm AEST

Return Date to Students

Week 7 Friday (1 Sept 2017)

Feedback will be given after students have completed the OSCE.

Weighting

20%

Minimum mark or grade

50%

Assessment Criteria

The percentage of your final mark is 20%.

You must obtain a mark of at least 50% in order to pass this assessment. You must pass this assessment to pass this unit overall.

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

The assessment will be conducted during the compulsory residential school on Monday 28th August. Feedback will be given directly after the assessments.

Referencing Style

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)
- [Harvard \(author-date\)](#)

Submission

Offline

Submission Instructions**Learning Outcomes Assessed**

- Identify and describe anatomical and physiological features of the head and neck with particular relevance to the oral cavity.
- Communicate information regarding oral health in oral and written forms.
- Satisfy the requirements of an evolving dental practitioner utilising appropriate interpersonal / team communication skills, professional attitudes and ethical behaviours.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

2 Practical and Written Assessment

Assessment Type

Practical and Written Assessment

Task Description

Written and practical tasks are outlined in the Workbook for this Unit. The practical component will be completed at residential school. The written assignment will be completed after residential school.

For the practical component you will be required to work in small groups and rotate through a number of tutorial stations. At each station you will be asked to answer questions in the workbook and complete a check list of anatomical features you have identified. The stations include identification of landmarks anatomical models and simulation of local anaesthesia on a manikin.

The written component will be a series of short answer questions on topics covered in weeks 8-12. The questions are designed to encourage students to look further than the textbook and research the answers. All questions will have clinical applications.

Assessment Due Date

Week 11 Monday (25 Sept 2017) 5:00 pm AEST

The workbook will be submitted on the last day of Residential School.

Return Date to Students

Monday (9 Oct 2017)

Weighting

30%

Minimum mark or grade

50%

Assessment Criteria

The combined total of the Practical and Written assessment is worth 30% of your final grade.

Completion of the tutorials at residential school and submission of the workbook is worth 10%. All questions and tables exercises should be completed and The workbook should be submitted on the last day of Residential school.

The written assignment is worth 20%. These Short Answer questions are due Monday 25th September in Week 11. The word limit for this assignment is 1500 words. Referencing is required. (APA or Harvard)

Assessment tasks submitted after the due date where an extension was not requested or where sound reasons were not given by the student for a late request are deducted a penalty of five per cent or equivalent of the total available marks for the assessment for each calendar day (full or part) it is overdue.

Referencing Style

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)
- [Harvard \(author-date\)](#)

Submission

Offline Online

Submission Instructions

The workbook will be submitted offline. The written assignment will be submitted online.

Learning Outcomes Assessed

- Describe the embryological development of the head and neck with relevance to the oral cavity and the developing face, dentition and occlusion.
- Identify and describe anatomical and physiological features of the head and neck with particular relevance to the oral cavity.
- Communicate information regarding oral health in oral and written forms.
- Satisfy the requirements of an evolving dental practitioner utilising appropriate interpersonal / team communication skills, professional attitudes and ethical behaviours.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

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

No calculators permitted

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 [Academic Learning Centre \(ALC\)](#) 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