



ORAL11004 Oral Anatomy 1

Term 1 - 2021

Profile information current as at 20/04/2024 10:11 pm

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

This unit introduces key topics in oral anatomy, which will enable you to begin preclinical training in term 2, and will form the foundations for clinical practice. In the first half of this unit you will study morphology of teeth, sequence of eruption and basic occlusion. The study of distinct features and traits of teeth 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 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 second half of this unit will introduce you to anatomy of the head and neck, including surface anatomy, bones, muscles, blood vessels, nerves and lymphatics. Applications of this knowledge, in patient examination and local anaesthesia, will be developed further in ORAL11005 Oral Anatomy 2 in term 2.

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 full-time in CB29 Oral Health Course to enrol in this unit. Corequisite: ORAL11001 Introduction to Oral Health Therapy

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 1 - 2021

- 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).

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: 25%

2. **Online Quiz(zes)**

Weighting: 25%

3. **Online Test**

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](#).

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 emails

Feedback

Weekly quizzes were a great learning tool and helped build the student's confidence leading into assessments.

Recommendation

It is recommended that weekly multiple choice quizzes are retained in future and that other interactive quiz formats are developed.

Feedback from Student evaluations

Feedback

Students liked the timing of the assessments as they were evenly spread throughout the term.

Recommendation

It is recommended that the On-Line Quizzes and In-Class tests (Multistation anatomy tests) both remain as two assessments. This spreads the assessment evenly over the term and allows opportunities for students to improve on their performance as the term progresses.

Feedback from Student evaluations

Feedback

Students would like more interactive content on Moodle and in the on-line ZOOM tutorials.

Recommendation

It is recommended that more interactive content be added to Moodle and the format of the on-line tutorials be modified to improve interactions between teaching staff and students.

Unit Learning Outcomes

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

1. Identify and name teeth in the human dentitions and anatomical features of the head and neck
2. Describe the anatomy of the head and neck relevant to the function of the oral cavity
3. Describe features and traits of teeth in the human dentitions, as well as normal sequence of eruption and exfoliation, and occlusion
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



Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes			
	1	2	3	4
1 - In-class Test(s) - 25%	•			•

Assessment Tasks	Learning Outcomes			
	1	2	3	4
2 - Online Quiz(zes) - 25%		•	•	
3 - Online Test - 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	•			•
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) - 25%	•	•		•	•			•		
2 - Online Quiz(zes) - 25%	•	•		•		•				
3 - Online Test - 50%	•	•		•						

Textbooks and Resources

Textbooks

ORAL11004

Prescribed

Woelfel's Dental Anatomy

Edition: 9th (2017)

Authors: Rickne C. Scheid and Gabriela Weiss

Jones and Bartlett Learning (now Cengage Learning)

Philadelphia , Pennsylvan , USA

ISBN: 9781496320223

Binding: Paperback

Additional Textbook Information

Woelfel's Dental Anatomy is also the prescribed textbook for ORAL11005 in term 2.

If you prefer to study with a paper copy, they are available at the CQUni Bookshop here: <http://bookshop.cqu.edu.au> (search on the Unit code). eBooks are available at the publisher's website

[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:

- [Harvard \(author-date\)](#)
- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

For further information, see the Assessment Tasks.

Teaching Contacts

Ceinwen Fay Unit Coordinator

c.m.fay@cqu.edu.au

Schedule

Week 1 - 08 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
Introduction to oral anatomy : <ul style="list-style-type: none">• Basic terminology for anatomy• Bones of the head and neck• Surface anatomy of the head and neck and oral cavity• Introduction to the dentitions and periodontium• Introduction to dental charting and notation	Scheid, R. C., and Weiss, G. (2017) <i>Woelfel's dental anatomy</i> (9th ed.,) Wolters Kluwer Health/Lippincott Williams and Wilkins, Philadelphia, Pennsylvania, USA. Part 2, Chapters 9 and 10. Bird, D. L., & Robinson, D. S. (2021) <i>Modern dental assisting</i> (13th ed.,) Elsevier. St Louis, Missouri, US. Part 3, Chapter 15.	

Week 2 - 15 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
Dental Morphology: <ul style="list-style-type: none"> • Basic terminology to describe tooth morphology • Dental notation. 	Scheid, R. C., and Weiss, G. (2017) <i>Woelfel's dental anatomy</i> (9th ed.,) Wolters Kluwer Health/Lippincott Williams and Wilkins, Philadelphia, Pennsylvania, USA. Part 1, Chapters 1 and 13. Bird, D. L., & Robinson, D. S. (2021) <i>Modern dental assisting</i> (13th ed.,) Elsevier. St Louis, Missouri, US. Part 2, Chapters 11 and 12.	Simulation laboratory activities ROK/G.25 Wednesday 17th March

Week 3 - 22 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
Morphology of permanent teeth: <ul style="list-style-type: none"> • Permanent incisors • Permanent canines • Permanent premolars • Permanent molars 	Scheid, R. C., and Weiss, G. (2017) <i>Woelfel's dental anatomy</i> (9th ed.,) Wolters Kluwer Health/Lippincott Williams and Wilkins, Philadelphia, Pennsylvania, USA. Part 1, Chapters 1-5 and 13. Bird, D. L., & Robinson, D. S. (2021) <i>Modern dental assisting</i> (13th ed.,) Elsevier. St Louis, Missouri, US. Part 2, Chapter 12.	Simulation laboratory activities ROK/G.25 Wednesday 24th March.

Week 4 - 29 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
Morphology of primary teeth: <ul style="list-style-type: none"> • Primary Incisors • Primary Canines • Primary Molars 	Scheid, R. C., and Weiss, G. (2017) <i>Woelfel's dental anatomy</i> (9th ed.,) Wolters Kluwer Health/Lippincott Williams and Wilkins, Philadelphia, Pennsylvania, USA. Part 1, Chapter 6. Bird, D. L., & Robinson, D. S. (2021) <i>Modern dental assisting</i> (13th ed.,) Elsevier. St Louis, Missouri, US. Chapter 12.	Simulation laboratory activities ROK/G.25 Wednesday 31st March.

Week 5 - 05 Apr 2021

Module/Topic	Chapter	Events and Submissions/Topic
Periodontal anatomy and dental anomalies: <ul style="list-style-type: none"> • Anatomy of the periodontium, clinical appearance, and morphology • Variations in number of teeth • Variations in crown and root morphology • Abnormalities of enamel and dentine 	Scheid, R. C., and Weiss, G. (2017) <i>Woelfel's dental anatomy</i> (9th ed.,) Wolters Kluwer Health/Lippincott Williams and Wilkins, Philadelphia, Pennsylvania, USA. Part 2, Chapters 7 and 11.	Simulation laboratory activities ROK/G.25 Wednesday 7th April.

Vacation Week - 12 Apr 2021

Module/Topic	Chapter	Events and Submissions/Topic

Week 6 - 19 Apr 2021

Module/Topic	Chapter	Events and Submissions/Topic
Occlusion: <ul style="list-style-type: none"> • Features of the ideal occlusion • Positions of the teeth in MIP and CR • Movements of the mandible • Angle's classification of malocclusions • Dental and skeletal malocclusions. 	Scheid, R. C., and Weiss, G. (2017) <i>Woelfel's dental anatomy</i> (9th ed.,) Wolters Kluwer Health/Lippincott Williams and Wilkins, Philadelphia, Pennsylvania, USA. Part 2, Chapter 9.	

Week 7 - 26 Apr 2021

Module/Topic	Chapter	Events and Submissions/Topic
Head and neck anatomy - Bones: <ul style="list-style-type: none"> • Review anatomical terms • Introduction to head and neck anatomy • Review surface anatomy of the head and neck • Osteology of the head and neck. 	Scheid, R. C., and Weiss, G. (2017) <i>Woelfel's dental anatomy</i> (9th ed.,) Wolters Kluwer Health/Lippincott Williams and Wilkins, Philadelphia, Pennsylvania, USA. Part 3, Chapter 14.	

Week 8 - 03 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
Head and neck anatomy - Muscles: <ul style="list-style-type: none"> • Review of muscles and nomenclature • Muscles of mastication • Muscles which assist mastication and affect the position of the temporomandibular joint • Muscles of facial expression • Muscles of the neck • Anatomical divisions of the neck 	Scheid, R. C., and Weiss, G. (2017) <i>Woelfel's dental anatomy</i> (9th ed.,) Wolters Kluwer Health/Lippincott Williams and Wilkins, Philadelphia, Pennsylvania, USA. Part 3, Chapter 14.	

Week 9 - 10 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
Head and neck anatomy - Nerves: <ul style="list-style-type: none"> • Review general structure and function of the nervous system • Cranial nerves • Cranial nerves relevant to dental treatment (trigeminal, facial, glossopharyngeal and hypoglossal) • Innervation of oral structures. 	Scheid, R. C., and Weiss, G. (2017) <i>Woelfel's dental anatomy</i> (9th ed.,) Wolters Kluwer Health/Lippincott Williams and Wilkins, Philadelphia, Pennsylvania, USA. Part 3, Chapter 14.	Allied Health Skills laboratory ROK/1.15 Wednesday 12th May

Week 10 - 17 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
Head and neck - Vascular structures: <ul style="list-style-type: none"> • Review the vascular system of the body • Arterial blood supply • Venous drainage • Review the lymphatic system of the body • Head, face, and cervical lymph node drainage. 	Scheid, R. C., and Weiss, G. (2017) <i>Woelfel's dental anatomy</i> (9th ed.,) Wolters Kluwer Health/Lippincott Williams and Wilkins, Philadelphia, Pennsylvania, USA. Part 3, Chapter 14.	On-campus preclinical activity in the oral health clinic for ORAL11001 is a joint activity with ORAL11004. Allied Health Skills laboratory ROK/1.15 Wednesday 19th May.

Week 11 - 24 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
Radiographic landmarks: <ul style="list-style-type: none"> • How radiographic images are produced • Radiograph techniques and the images produced • Radiographic landmarks. 	Scheid, R. C., and Weiss, G. (2017) <i>Woelfel's dental anatomy</i> (9th ed.,) Wolters Kluwer Health/Lippincott Williams and Wilkins, Philadelphia, Pennsylvania, USA. Part 3, Chapter 14. Bird, D. L., & Robinson, D. S. (2021) <i>Modern dental assisting</i> (13th ed.,) Elsevier. St Louis, Missouri, US. Part 8, Chapters 41 and 42. .	

Week 12 - 31 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
Revision		Allied Health Skills laboratory ROK/1.15 Wednesday 2nd June

Review/Exam Week - 07 Jun 2021

Module/Topic	Chapter	Events and Submissions/Topic
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Exam Week - 14 Jun 2021

Module/Topic	Chapter	Events and Submissions/Topic
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Term Specific Information

In the clinic and preclinical laboratories, all students must wear name tag, CQU oral health polo, black trousers and low-heeled closed-in black shoes, protective eyewear, have their hair tied back and wear no jewellery on their hands or arms. All garments must be laundered and ironed. In the simulation laboratory, a clinic coat is required to be worn over the oral health polo. In the clinic, students are required to wear an outer protective garment such as a short-sleeved theatre gown. (The theatre gown is not required until week 10). Oral health polo, clinic coat, theatre gown and protective glasses can be purchased from the CQU bookshop. Name tags will be supplied.

Students must abide by workplace health and safety and infection control policies and guidelines during all preclinical laboratory and clinic sessions. All mandatory requirements for clinical practice must be met before commencing the joint ORAL11001 and ORAL11004 clinical activity in week 10.

Assessment Tasks

1 Multistation anatomy tests

Assessment Type

In-class Test(s)

Task Description

You will complete two tests worth 12.5% each to assess your knowledge of anatomy. The first test will take place in week 5. The second test will take place in week 12. Each test will take approximately 1 hour. The tests will consist of numbered stations set up around a room. You will move from station to station at timed intervals answering questions at each station. At each station there will be a model, tooth or image that you will need to answer a question about. Most questions will ask you to correctly identify or name a structure and some questions will relate to functions. The questions are not multiple choice. You will be given an answer sheet on which to write your answers. You will require pens and photo identification for this assessment. No textbooks or other written material will be allowed in the examination room, as this is a closed book assessment.

Assessment Due Date

You will complete two In-Class tests. The first In-Class test will take place Wednesday 7th April at 1.00pm. The second In-Class test will take place Wednesday 2nd June at 1.00pm.

Return Date to Students

Answers will be given immediately following each In-Class test. Results will be returned within two weeks of the assessment date.

Weighting

25%

Minimum mark or grade

50%

Assessment Criteria

You will be assessed by the following criteria:

- Identify anatomical feature or function correctly.
- Correct spelling.
- Use of anatomical terminology.

Referencing Style

- [Harvard \(author-date\)](#)

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

Submission

Offline

Learning Outcomes Assessed

- Identify and name teeth in the human dentitions and anatomical features of the head and neck
- Demonstrate appropriate oral and written communication skills, professional attitudes and ethical behaviours as required of an Oral Health Therapist.

Graduate Attributes

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

2 Online quizzes

Assessment Type

Online Quiz(zes)

Task Description

You will complete two on-line quizzes to assess your knowledge of anatomy. The questions will focus on terminology and will include matching and multiple-choice questions. As questions will be randomly generated from a pool of questions, no two students will sit the exact same list of questions. To prepare for this assessment you can complete the weekly practice quizzes as many times as you like and study the learning resources in the relevant weeks.

You are allowed only attempt on each quiz and must complete the quiz in a limited time. Your attempt for each quiz will be submitted automatically, but no more questions can be answered once the time limit expires. No attempts are allowed after the quiz is closed. If you are unable to complete the quiz by the due date, you must apply for an extension before the due date.

You must achieve 50% of the cumulative score of both quizzes.

Each quiz is outlined below.

The first quiz opens Thursday 25th March 8.00am and closes Thursday 8th April 5.00pm. This quiz tests learning material in weeks 1-4. There are 40 questions (maximum). The time limit is 25 minutes. This quiz is worth 10%.

The second quiz opens Monday 17th May 8.00am and closes Monday 31st May 5.00pm. This quiz tests learning material in weeks 5-10. There are 60 questions (maximum). The time limit is 40 minutes. This quiz is worth 15%.

Number of Quizzes

2

Frequency of Quizzes

Other

Assessment Due Date

You will complete two online quizzes. The first quiz is due 5.00pm 8th April 2021. The second quiz is due 5.00pm 31st May 2021.

Return Date to Students

Results are made available immediately on quiz closure.

Weighting

25%

Minimum mark or grade

50%

Assessment Criteria

Questions will be automatically marked correct or incorrect on the completion of the quiz. The maximum accumulated score for the two on-line quizzes is 25% of the total unit marks.

Referencing Style

- [Harvard \(author-date\)](#)
- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

Submission

Online

Learning Outcomes Assessed

- Describe the anatomy of the head and neck relevant to the function of the oral cavity
- Describe features and traits of teeth in the human dentitions, as well as normal sequence of eruption and exfoliation, and occlusion

Graduate Attributes

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

3 Final examination

Assessment Type

Online Test

Task Description

Complete an examination online.

Assessment Due Date

During the examination week.

Return Date to Students

Results of the online final examination will be made available on certification of grades day 9th July 2021.

Weighting

50%

Minimum mark or grade

50%

Assessment Criteria

The examination will be conducted online within the examination week. It will cover all learning materials from weeks 1-12 and will consist of two parts:

1. Part A .Short answer questions
2. Part B. Short response questions which require a paragraph or short answers to a list of questions relating to one topic.

For a guide to each weekly topic please read the weekly learning outcomes displayed on Moodle

Referencing Style

- [Harvard \(author-date\)](#)
- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

Submission

Online

Submission Instructions

The final examination will be conducted online in the examination period. You will be advised on the date and time.

Learning Outcomes Assessed

- Describe the anatomy of the head and neck relevant to the function of the oral cavity
- Describe features and traits of teeth in the human dentitions, as well as normal sequence of eruption and exfoliation, and occlusion

Graduate Attributes

- Communication
- Problem Solving
- Information Literacy

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