

COURSE SYLLABUS



TERM:	Fall 2020
COURSE & SECTION:	DHYG 220
COURSE TITLE:	Dental Anatomy
SECTION DETAILS:	Thursdays 1:00-1:50pm class and 2:00-2:50pm LAB
INSTRUCTOR:	Michelle Meunier D004 meunierm@camosun.bc.ca 250-370-3507
OFFICE HOURS:	Posted on-line (D2L)

Camosun College campuses are located on the traditional territories of the Ləkʷəŋən and WSÁNEĆ peoples. We acknowledge their welcome and graciousness to the students who seek knowledge here.

Camosun College requires mandatory attendance for the first class meeting of each course. If you do not attend, and do not provide your instructor with a reasonable explanation in advance, you will be removed from the course and the space offered to the next waitlisted student.

Camosun College will continue to follow the guidance of the Provincial Health Officer, the B.C. Government and WorkSafeBC, and as such may revise the delivery of courses. Courses with an approved face-to-face component may need to move to online or remote delivery if necessary.

The COVID-19 pandemic has presented many challenges, and Camosun College is committed to helping you safely complete your education. Following guidelines from the Provincial Health Officer, WorkSafe BC and the B.C. Government to ensure the health and wellbeing of students and employees Camosun College is providing you with every possible protection to keep you safe including COVID Training for students and employees, health checks, infection control protocols including sanitization of spaces, PPE and ensuring physical distancing. Please refer to: <http://camosun.ca/covid19/faq/covid-faqs-students.html> However, if you're at all uncomfortable being on campus, please share your concerns with your Instructor and if needed, alternatives will be discussed.

COURSE DESCRIPTION

Crown and root anatomy, morphology and occlusion will be studied in detail. Students will identify features of crown and root morphology that relate to the identification and differentiation of teeth in addition to occlusal relationships and how these may affect the provision of dental hygiene care.

<input type="checkbox"/>	Synchronous delivery: Courses will be completely online with online scheduled meetings and expectations for remote student participation. There will be meeting times but not on campus. Students will be expected to manage time zone differences for scheduled online activities.	<input type="checkbox"/>	Asynchronous delivery Courses will be completely online with no set meeting schedules. Students may participate from any time zone or anywhere in the world. All evaluation will be managed remotely.	<input checked="" type="checkbox"/>	Blended delivery: A mixed delivery of both synchronous and asynchronous.
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Course Credits: 2

Prerequisite(s):
 Corequisite(s): DHYG 270, DHYG 271
 Pre/Corequisite(s): B- in BIOL 161
 Exclusion(s):

COURSE DELIVERY

ACTIVITY	HOURS / WEEK	# OF WEEKS	ACTIVITY HOURS
Lecture	1	14	14
Seminar			
Lab / Collaborative Learning	1	14	14
Supervised Field Practice			
Workplace Integrated Learning			
Online			
TOTAL HOURS			28

Additional Delivery information:

All students will write midterm exams during scheduled times TBA. All students will write final exam during week 15 (Final Exam Week)

LEARNING OUTCOMES

Upon successful completion of this course, you will be able to:

- Students will use dental and anatomical terms to describe dental anatomy and intraoral positions of teeth in order to provide accurate documentation.
- Describe tooth morphology that relates to the identification and differentiation of teeth and have a good understanding of morphology in relation to clinical application.
- Describe normal eruption sequence and general patterns for primary and permanent teeth as a foundation for clinical dental hygiene.
- Describe occlusal classifications and variations from normal in order to have a good understanding of function as it applies to client care.

REQUIRED MATERIALS & RECOMMENDED PREPARATION / INFORMATION

- Fehrenback, M. & Popowics, T. (2020). Illustrated Dental Embryology, Histology, and Anatomy. 5th Ed. St. Louis: Elsevier/Saunders.
- Kilgore International Inc. Dental Study Model – Permanent Teeth with Anatomical roots. Models are purchased as part of the DHYG instrument kit.

COURSE SCHEDULE, TOPICS, AND ASSOCIATED PREPARATION / ACTIVITY / EVALUATION

Course Elements

Please see D2L for current schedule

By the end of this course you will know and be able to do the following:

1. Use dental and anatomical terms to describe dental anatomy and intraoral positions of teeth in order to provide accurate documentation.
 - Apply terms pertaining to primary and permanent dentitions in all communication.
 - Describe features of all types of human teeth in the permanent and primary dentitions using accurate terminology.
 - Discuss the arrangement of teeth identifying positions of arches, quadrants and sextants.
 - Using anatomical terms, describe tooth surfaces, horizontal and vertical divisions of teeth, line angles and point angles.
 - Describe the International, Universal and Palmer tooth numbering systems.
 - Describe morphology of tooth crowns as they relate to alignment, proximal contacts and embrasure spaces.
 - Describe the effect on gingival health of pronounced or inadequate curvatures of teeth and widened or narrow embrasures.
2. Describe tooth morphology that relates to the identification and differentiation of permanent and primary teeth.
 - Discuss basic development of primary and secondary grooves relative to morphology (lobes).
 - Discuss general and key characteristics of each type of tooth crown and root (incisors, canines, premolars, and molars).
 - Differentiate the anatomical differences between primary and permanent teeth.
 - Describe specific anatomical features of each deciduous tooth crown.
 - Explain the importance of deciduous teeth.
 - Describe common variations or abnormal features of each tooth crown and root.
 - Describe anatomical features of deciduous roots and compare with permanent counterparts.
 - Identify permanent teeth in a laboratory or clinical setting using appropriate anatomical terminology.
 - Discuss features of tooth crown and/or root morphology that may affect the provision of dental hygiene care.
 - Discuss crown to root proportions in relation to the prognosis of periodontal disease
 - Discuss the implications of normal and abnormal root anatomy for effective root instrumentation.
3. Describe normal eruption sequence and general patterns for primary and permanent teeth as a foundation for clinical dental hygiene.
 - Identify eruption patterns of permanent teeth and primary teeth.
 - Describe the timeline of tooth crown and root development relative to eruption.
4. Describe occlusal classifications and variations from normal in order to have a good understanding of function as it applies to client care.
 - Define centric (static) relation, centric (static) occlusion, ideal occlusion, functional occlusion, open bite, overbite and overjet.
 - Describe anatomical, dental and oro-facial characteristics of Angle's Class I, II (Divisions 1 and 2) and III occlusion and malocclusion.
 - Describe normal ranges of overbite and overjet.
 - Describe common abnormalities found within each classification (e.g. crossbites, premature contact).
 - Describe normal occlusal relationships during guided movement of the mandible.

- Explain factors associated with the development of malocclusions.
- Define primary and secondary occlusal trauma including clinical and histological signs and symptoms.
- Explain common etiologic factors that may contribute to occlusal trauma.
- Discuss fremitus and describe how to assess clinically

STUDENT EVALUATION

NOTE: minimum passing grade for this course is B- or 70%

DESCRIPTION		WEIGHTING
Quizzes(s)		10%
Discussions		15%
Assignment One – Group Assignment		15%
Assignment Two – Individual Drawing		30%
Exams	Exam 1	10%
	Final Exam	20%
If you have a concern about a grade you have received for an evaluation, please come and see me as soon as possible. If you wish to dispute a final grade you have received, please refer to the Grade Appeal Policy .		TOTAL 100%

SCHOOL, DEPARTMENT, OR PROGRAM PROCEDURES, REQUIREMENTS, AND STANDARDS

More information on D2L

SUPPORTS AND SERVICES FOR STUDENTS

Camosun College offers a number of services to help you succeed in and out of the classroom. For a detailed overview of the supports and services visit <http://camosun.ca/services/>.

Academic Advising	http://camosun.ca/services/academic-advising/
Accessible Learning	http://camosun.ca/services/accessible-learning/
Counselling	http://camosun.ca/services/counselling-centre/
D2L Support	desupport@camosun.ca
Financial Aid and Awards	http://camosun.ca/services/financial-aid/
Help Centres (Math/English/Science)	http://camosun.ca/services/help-centres/
Indigenous Student Support	http://camosun.ca/learn/school/indigenous-education-community-connections/

International Student Support	http://camosun.ca/international/
Learning Skills	http://camosun.ca/services/writing-centre/learning-skills
Library	http://camosun.ca/services/library/
Office of Student Support	http://camosun.ca/services/student-support/
Ombuds	http://camosun.ca/about/ombudsman/
Registration	http://camosun.ca/services/registration/
Technology Support	http://camosun.ca/services/its/
Writing Centre	http://camosun.ca/services/writing-centre/

If you have an urgent mental health concern, please contact **Counselling**. Urgent counselling sessions are available daily at both campuses during business hours. If you have an emergency or need urgent support after-hours, please contact the Vancouver Island Crisis Line at 1-888-494-3888 or call 911.

STUDENT RESPONSIBILITY

Enrolment at Camosun assumes that the student will become a responsible member of the College community. As such, each student will display a positive work ethic, assist in the preservation of College property, and assume responsibility for their education by researching academic requirements and policies; demonstrating courtesy and respect toward others; and respecting expectations concerning attendance, assignments, deadlines, and appointments.

STATEMENTS: POLICIES, PROCEDURES, REQUIREMENTS, AND STANDARDS

As your course instructor, I endeavour to provide an inclusive learning environment. However, if you experience barriers to learning in this course, do not hesitate to discuss them with me. Camosun College is committed to identifying and removing institutional and social barriers that prevent access and impede success.

COLLEGE-WIDE POLICIES

Academic Accommodations for Students with Disabilities

The College is also committed to providing appropriate and reasonable academic accommodations to students with disabilities (i.e. physical, anxiety, depression, learning, etc). If you have a disability, the [Centre for Accessible Learning](#) (CAL) can help you document your needs and create an accommodation plan. By making a plan through CAL, you can ensure you have the appropriate accommodations you need without disclosing your diagnosis or condition to course instructors. If you need to request academic accommodations, you can

contact CAL at: accessible@camosun.ca or by phone at 250-370-3312 (Lansdowne) or 250-370-4049 (Interurban). Visit <http://camosun.ca/services/accessible-learning/> for more information.

Academic Progress

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.1.pdf> for further details on how Camosun College monitors students' academic progress and what steps can be taken if a student is at risk of not meeting the College's academic progress standards.

Course Withdrawals Policy

Please visit <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.2.pdf> for further details about course withdrawals. For deadline for fees, course drop dates, and tuition refund, please visit <http://camosun.ca/learn/fees/#deadlines>.

Grading Policy

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.5.pdf> for further details about grading.

Mandatory Attendance for First Class Meeting of Each Course

Camosun College requires mandatory attendance for the first class meeting of each course. If you do not attend, and do not provide your instructor with a reasonable reason in advance, you will be removed from the course and the space offered to the next waitlisted student. For more information, please see the "Attendance" section under "Registration Policies and Procedures" (<http://camosun.ca/learn/calendar/current/procedures.html>) and the Grading Policy at <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.5.pdf>.

Medical / Compassionate Withdrawals

Students who are incapacitated and unable to complete or succeed in their studies by virtue of serious and demonstrated exceptional circumstances may be eligible for a medical/compassionate withdrawal. Please visit <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.8.pdf> to learn more about the process involved in a medical/compassionate withdrawal.

Student Code of Conduct (Academic and Non-Academic)

Camosun College is committed to building the academic competency of all students, seeks to empower students to become agents of their own learning, and promotes academic belonging for everyone. Camosun also expects that all students to conduct themselves in a manner that contributes to a positive, supportive, and safe learning environment. Please review Camosun College's Student Conduct Policy at <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.5.pdf> to understand the College's expectations of academic integrity and student behavioural conduct.

CHAIR REVIEW DATE: Sept 3, 2020 Mandy Hayre
TEMPLATE VERSION: 2020.1

Changes to this Course Syllabus: Every effort has been made to ensure that information in this syllabus is accurate at the time of publication. The College reserves the right to change courses if it becomes necessary so that course content remains relevant. In such cases, the instructor will give the students clear and timely notice of the changes.