

COURSE SYLLABUS



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.

TERM: Winter 2021
COURSE & SECTION: DHYG 322
COURSE TITLE: Oral Sciences 3
SECTION DETAILS: Wednesdays, 1:00pm-2:50pm, Fridays 8:00am-8:50am
INSTRUCTOR: Elizabeth Morch | D004 | morch@camosun.bc.ca
OFFICE HOURS: Please email to schedule an appointment

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

Building on Oral Sciences 2, students examine various gingival and periodontal diseases. Advanced diagnostic techniques, therapeutic interventions, and the role of surgical therapy are discussed. The oral pathology component continues the study of intraoral mucosal lesions, including oral cancer. Characteristics of sub mucosal and bony lesions of the orofacial region and common lesions of the face are studied.

<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: 3
 Prerequisite(s): B- in DHYG321
 Corequisite(s):
 Pre/Corequisite(s): COM in DHYG381
 Exclusion(s):

COURSE DELIVERY

ACTIVITY	HOURS / WEEK	# OF WEEKS	ACTIVITY HOURS
Lecture			
Seminar	3	16	48
Lab / Collaborative Learning			
Supervised Field Practice			
Workplace Integrated Learning			
Online			
	TOTAL HOURS		48

Additional Delivery information:
 Final project due Week 16

LEARNING OUTCOMES

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

- a) describe the characteristics, significance and therapeutic considerations for gingival diseases/conditions that are not plaque-induced and periodontal conditions other than chronic periodontitis.
- b) identify and explain the effects of systemic conditions/diseases in altering the characteristics, progression and therapy of periodontal diseases.
- c) discuss the chemotherapeutic actions, roles, limitations, and delivery methods of antibiotics and other current and prospective agents used in periodontal therapy and the role of various surgical therapies in the treatment of periodontal conditions.
- d) assess the relevance and limitations of current, advanced and emerging periodontal assessment or diagnostic methods for periodontal conditions.
- e) describe diagnostic methods and the referral processes for oral pathology.
- f) differentiate and describe characteristics, significance and dental hygiene management of lesions affecting mucosa, submucosa and bone of the orofacial region and the face.

REQUIRED MATERIALS & RECOMMENDED PREPARATION / INFORMATION

Regezi, Joseph a., Scuibba, James J., Jordan, Richard C.K. Oral Pathology Clinical Pathologic Correlations. 7th Ed. Elsevier; 2017.

Gehrig & Willmann (2019). Foundations of Periodontics for the Dental Hygienist. Wolters Kluwer.

Darby M, Walsh M. Dental Hygiene Theory and Practice. 5rd Ed. Baltimore, Philadelphia: Elsevier 2019.

The D2L website will be used for posting additional course information.

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

ACTIVITY

Unit 1: Review AAP Classification

- Recall the AAP classification system for periodontal diseases
- Discuss classification of periodontitis and periodontal conditions other than chronic periodontitis
- Review the 2014 classification system

Unit 2: Periodontitis as a Manifestation of Systemic Disease

- Assess the current research on the interrelationship between Periodontal Infections & Systemic Conditions Systemic Health: CVD; Premature/low birth weight
- Relate the potential connection between periodontitis and cardiovascular disease and considerations for dental hygiene management.
- Describe the potential relationship between periodontitis and increased risk of premature or low birth weight infants and implications for dental hygiene care.
- Apply knowledge of neutrophils and their function (BIO 150, 260) to explaining neutrophil disorders and their implications for periodontal diseases.
- Discuss the etiology, epidemiology, histology, clinical features and dental hygiene considerations in the management of periodontal diseases that are related to blood disorders including HIV, acquired neutropenia, leukemia, anemia, and coagulation disorders.
- Discuss periodontitis associated with genetic disorders

Unit 3: Necrotizing Periodontal Diseases

- Describe the etiology, epidemiology, microbiology, histopathology, host response, clinical features, radiological findings, treatment and prognosis of necrotizing periodontal diseases (NUG, NUP).

Unit 4: Abscesses of the Periodontium

- Describe the etiology, prevalence, clinical features, microbiology, radiographic findings, dental hygiene management and possible complications of a gingival abscess, periodontal abscess, and pericoronal abscess.

Unit 5 Periodontitis Associated with Endodontic Lesions and Restorative Challenges

- Describe the etiology of perio-endo lesions and differentiate from periodontal abscess
- Assess radiographic evidence of peri-endo lesion
- Discuss referral and treatment considerations for a combined periodontal/endodontic lesion
- Discuss the interrelationship between restorative dentistry and periodontal conditions

Unit 6: Assess the relevance and limitations of current, advanced and emerging periodontal assessment or diagnostic methods for periodontal conditions.

- Apply knowledge of roles and limitations of conventional periodontal assessment and diagnostic methods/ tools to discussion of less common or developing assessment, diagnostic and monitoring methods for periodontal conditions, including their potential role and limitations.
- Describe tangible and intangible benefits and levels of clinical significance are assessing treatment outcomes of periodontal therapy
- Assess radiographs of periodontal conditions.

Unit 7: Discuss surgical therapies in the treatment of periodontal conditions.

- Discuss the role of the dental hygienist in referring clients for periodontal consultation
- Utilize radiographs to discuss the limitations and benefits of surgical intervention
- Describe the goals, advantages, and disadvantages of periodontal surgery in the treatment of periodontal diseases.
- Describes the various types of surgical therapies both esthetic and therapeutic and their role in the treatment of periodontal conditions.
- Describe healing after periodontal surgery and post-operative care.

Unit 8: Oral Pathology

Differentiate and describe characteristics, significance and dental hygiene management of lesions affecting mucosa, submucosa and bone of the orofacial region and the face.

Soft tissue enlargements

- Describe the clinical features, etiology, prevalence, dental hygiene management and significance of soft tissue enlargements to enable the process of differential diagnosis, including the following: enlargements from inflammation or trauma (traumatic neuroma, fibromas, lymphoid hyperplasia); infections (mumps, bacterial sialadenitis); immune system disorders (Sjogrens); soft tissue neoplasms (neurofibroma, neurofibromatosis), neoplasms of muscle and fat); salivary gland neoplasms, genetic & congenital disorders (lymphangioma) and soft tissue cysts

Hard Tissue enlargements

- Describe the etiology and clinical characteristics of hard tissue enlargements in oral and perioral tissues.

Radiopaque & Radiolucent Lesions

- Describe the etiology, prevalence, clinical and radiographic features, dental hygiene management and implications of lesions appearing mainly radiopaque, including tori, exostosis, condensing osteitis, odontoma.
- Access information on rare benign tumors typically appearing mainly radiopaque.
- Describe the etiology, prevalence, clinical and radiographic features, dental hygiene management and implications of lesions appearing mainly radiolucent in the oral region, including variants of normal, traumatic or inflammatory lesions, infections, cysts, pseudocysts, and differentiate benign and malignant tumors.
- Apply knowledge of various lesions to the process of differential diagnosis in recognizing, identifying and managing oral pathology.

Pulp Disorders & Inflammatory Jaw Lesions

- Describe common disorders of the pulp including pulpitis, including the following: etiology of pulpitis and the relationship between pulpal irritants, pulpal responses; and host resistance including histological responses to inflammation of the pulp;
- physiology of pulpal pain and types of pain as diagnostic indicators of pulpitis;
- clinical and radiographic findings associated with acute and chronic pulpal disorders.
- Explain the sequelae of untreated pulpitis.

- Describe and differentiate among the following conditions based on clinical and radiographic symptoms: pulpitis, periapical abscesses, and acute and chronic osteomyelitis.
- Discuss internal and external tooth resorption
- Apply knowledge of various lesions to the process of differential diagnosis in recognizing, identifying and managing oral pathology.

Metabolic, Genetic & Neurologic

- Discuss the etiology, prevalence, clinical and radiographic features, dental hygiene management and significance conditions affecting metabolism of hard tissues of the orofacial region, including Paget’s disease of bone, hyperparathyroidism, and acromegaly.
- Describe neurologic conditions that may affect the orofacial region, including burning mouth syndrome and Bell’s palsy.
- Describe clinical appearance and management of various clefts of the orofacial region.
- Describe the clinical and radiographic features and significance of the following hereditary defects in teeth including: amelogenesis imperfecta, dentinogenesis imperfecta.
- Access information on rare metabolic, genetic and neurologic abnormalities.
- Apply knowledge of various lesions to the process of differential diagnosis in recognizing, identifying and managing oral pathology.

Common lesions of the Face

- Describe the etiology, prevalence, clinical characteristics and dental hygiene management of potentially premalignant or malignant lesions that may present on the face and neck, including basal cell carcinoma, squamous cell carcinoma, melanoma and actinic keratosis and cheilitis.
- Describe common benign lesions of the face and their significance.
- Describe the etiology, prevalence, clinical characteristics and dental hygiene implications of scleroderma
- Apply knowledge of various lesions to the process of differential diagnosis in recognizing, identifying and managing oral pathology.

STUDENT EVALUATION

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

DESCRIPTION	WEIGHTING
Term Test	40%
Term Test	40%
Digital Project	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 available 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: Dec 17, 2020

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.