

# CLASS SYLLABUS



COURSE TITLE: DHYG 322 Oral Sciences 3  
CLASS SECTION: X01 – Mondays 1:00-2:20pm  
& Wednesdays 12:30-1:50pm  
TERM: W2022  
COURSE CREDITS: 3.0  
DELIVERY METHOD(S): Synchronous class to be delivered on-site whenever possible

Camosun College campuses are located on the traditional territories of the Ləkʷəŋən and W̱SÁNEĆ peoples. We acknowledge their welcome and graciousness to the students who seek knowledge here. Learn more about Camosun's [Territorial Acknowledgement](#).

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For COVID-19 information please visit: <https://camosun.ca/about/covid-19-updates>

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*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.*

## INSTRUCTOR DETAILS

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NAME: Liz Morch  
EMAIL: [morch@camosun.ca](mailto:morch@camosun.ca)  
OFFICE: DNT 004  
HOURS: By appointment

*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.*

## CALENDAR DESCRIPTION

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Students will examine emerging topics in periodontology. They will study rare periodontal conditions, the relationship of periodontics to restorative dentistry, and various surgical procedures. In the oral pathology component, students will focus on the study of less common intraoral mucosal lesions, bony lesions, and common lesions of the face.

PREREQUISITE(S): B- in DHYG 321  
CO-REQUISITE(S): n/a  
PRE/CO-REQUISITE(S): n/a

## COURSE DELIVERY

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ACTIVITY	HOURS / WEEK	# OF WEEKS	ACTIVITY HOURS
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Lecture	3	17	51
Seminar			
Lab / Collaborative Learning			
Supervised Field Practice			
Workplace Integrated Learning			
Online			
	TOTAL HOURS		51

## COURSE LEARNING OUTCOMES

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Upon completion of this course, a student will be able to:

1. Determine the characteristics, significance, and therapeutic considerations for non-plaque-induced gingival diseases/conditions and rare periodontal conditions.
2. Analyze the relationship between periodontics and restorative dentistry relative to dental hygiene practice.
3. Assess the relevance and limitations of current, advanced, and emerging periodontal assessment or diagnostic methods for periodontal conditions.
4. Explain various surgical therapies in the treatment of periodontal diseases and conditions.
5. Determine the characteristics, etiology, significance, and dental hygiene management of select lesions affecting soft and hard tissues of the orofacial region.

## REQUIRED MATERIALS & RECOMMENDED PREPARATION / INFORMATION

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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

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The following schedule and course components are subject to change with reasonable advance notice, as deemed appropriate by the instructor.

## ACTIVITY

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1. Determine the characteristics, significance, and therapeutic considerations for non-plaque-induced gingival diseases/conditions and rare periodontal conditions.

- Recall the AAP classification system for periodontal diseases
- Discuss classification of periodontitis and periodontal conditions other than chronic periodontitis
- Discuss periodontitis associated with genetic disorders and rare diseases
- Describe the etiology, epidemiology, microbiology, histopathology, host response, clinical features, radiological findings, treatment and prognosis of necrotizing periodontal diseases (NUG, NUP).
- Describe the etiology, prevalence, clinical features, microbiology, radiographic findings, dental hygiene management and possible complications of a gingival abscess, periodontal abscess, and pericoronal abscess.

## **2. Analyze the relationship between periodontics and restorative dentistry relative to dental hygiene practice.**

- 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 in treatment planning, and maintenance

## **3. 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.
- Discuss developing research regarding new periodontal treatment in consideration of paradigm changes
- Describe tangible and intangible benefits and levels of clinical significance are assessing treatment outcomes of periodontal therapy
- Discuss complex periodontal cases using radiographs and appropriate assessment data

## **4. Explain various surgical therapies in the treatment of periodontal diseases and 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.

## **5. Determine the characteristics, etiology, significance, and dental hygiene management of select lesions affecting soft and hard tissues of the orofacial region.**

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.

Students registered with the Centre for Accessible Learning (CAL) who complete quizzes, tests, and exams with academic accommodations have booking procedures and deadlines with CAL where advanced noticed is required. Deadlines can be reviewed on the [CAL exams page](http://camosun.ca/services/accessible-learning/exams.html). <http://camosun.ca/services/accessible-learning/exams.html>

## STUDENT EVALUATION

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

DESCRIPTION	WEIGHTING
Journal Club	10%
Term Test	35%
Term Test	35%
Digital Project	20%
<b>TOTAL</b>	<b>100%</b>

If you have a concern about a grade you have received for an evaluation, please come and see me as soon as possible. Refer to the [Grade Review and Appeals](http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf) policy for more information.  
<http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf>

## COURSE GUIDELINES & EXPECTATIONS

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Please refer to the student handbook for information regarding supplemental exams.

## SCHOOL OR DEPARTMENTAL INFORMATION

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See D2L for more information

Students are required to read and are accountable for following College policies and guidelines as described in the DHYG and HHS Student Handbooks.

[DHYG Student Handbook](#)

[HHS Student Handbook](#)

## STUDENT RESPONSIBILITY

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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.

## SUPPORTS AND SERVICES FOR STUDENTS

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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/students/>.

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Support Service	Website
Academic Advising	<a href="http://camosun.ca/advising">http://camosun.ca/advising</a>

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Support Service	Website
Accessible Learning	<a href="http://camosun.ca/accessible-learning">http://camosun.ca/accessible-learning</a>
Counselling	<a href="http://camosun.ca/counselling">http://camosun.ca/counselling</a>
Career Services	<a href="http://camosun.ca/coop">http://camosun.ca/coop</a>
Financial Aid and Awards	<a href="http://camosun.ca/financialaid">http://camosun.ca/financialaid</a>
Help Centres (Math/English/Science)	<a href="http://camosun.ca/help-centres">http://camosun.ca/help-centres</a>
Indigenous Student Support	<a href="http://camosun.ca/indigenous">http://camosun.ca/indigenous</a>
International Student Support	<a href="http://camosun.ca/international/">http://camosun.ca/international/</a>
Learning Skills	<a href="http://camosun.ca/learningskills">http://camosun.ca/learningskills</a>
Library	<a href="http://camosun.ca/services/library/">http://camosun.ca/services/library/</a>
Office of Student Support	<a href="http://camosun.ca/oss">http://camosun.ca/oss</a>
Ombudsperson	<a href="http://camosun.ca/ombuds">http://camosun.ca/ombuds</a>
Registration	<a href="http://camosun.ca/registration">http://camosun.ca/registration</a>
Technology Support	<a href="http://camosun.ca/its">http://camosun.ca/its</a>
Writing Centre	<a href="http://camosun.ca/writing-centre">http://camosun.ca/writing-centre</a>

If you have a mental health concern, please contact Counselling to arrange an appointment as soon as possible. Counselling sessions are available at both campuses during business hours. If you need urgent support after-hours, please contact the Vancouver Island Crisis Line at 1-888-494-3888 or call 911.

## COLLEGE-WIDE POLICIES, PROCEDURES, REQUIREMENTS, AND STANDARDS

### Academic Accommodations for Students with Disabilities

The College is committed to providing appropriate and reasonable academic accommodations to students with disabilities (i.e. physical, depression, learning, etc). If you have a disability, the [Centre for Accessible Learning](http://camosun.ca/services/accessible-learning/) (CAL) can help you document your needs, and where disability-related barriers to access in your courses exist, create an accommodation plan. By making a plan through CAL, you can ensure you have the appropriate academic accommodations you need without disclosing your diagnosis or condition to course instructors. Please visit the CAL website for contacts and to learn how to get started:

<http://camosun.ca/services/accessible-learning/>

### Academic Integrity

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.13.pdf> for policy regarding academic expectations and details for addressing and resolving matters of academic misconduct.

### 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.

### Grade Review and Appeals

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf> for policy relating to requests for review and appeal of grades.

### 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.

### Sexual Violence and Misconduct

Camosun is committed to creating a campus culture of safety, respect, and consent. Camosun's Office of Student Support is responsible for offering support to students impacted by sexual violence. Regardless of when or where the sexual violence or misconduct occurred, students can access support at Camosun. The Office of Student Support will make sure students have a safe and private place to talk and will help them understand what supports are available and their options for next steps. The Office of Student Support respects a student's right to choose what is right for them. For more information see Camosun's Sexualized Violence and Misconduct Policy: <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.9.pdf> and [camosun.ca/sexual-violence](http://camosun.ca/sexual-violence). To contact the Office of Student Support: [oss@camosun.ca](mailto:oss@camosun.ca) or by phone: 250-370-3046 or 250-370-3841

### Student Misconduct (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 Misconduct 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.

**Changes to this 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.