CLASS SYLLABUS

CAMOSUN COLLEGE

COURSE TITLE:	DHYG 246 Professional Practice 2
CLASS SECTION:	X01 – Tuesdays 1:00-2:50pm
	& Thursdays 8:30-10:20am
TERM:	W2022
COURSE CREDITS:	4.0
DELIVERY METHOD(S):	Synchronous class to be delivered on-site whenever possible

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

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

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

NAME:	Michelle Meunier
EMAIL:	meunierm@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

Students are introduced to evidence-informed practice and research methodology. Exploring a variety of research designs, developing clinical research questions, and accessing credible, evidence-informed resources helps students understand the significance of evidence-informed decision making in dental hygiene practice. Students apply research and information literacy principles to learn the role of critical reflection on the process.

PREREQUISITE(S):	B- in DHYG 245
CO-REQUISITE(S):	n/a
PRE/CO-REQUISITE(S):	n/a

COURSE DELIVERY

ACTIVITY	HOURS / WEEK	# OF WEEKS	ACTIVITY HOURS

Lecture	4	17	68
Seminar			
Lab / Collaborative Learning			
Supervised Field Practice			
Workplace Integrated Learning			
Online			
		TOTAL HOURS	**68**

COURSE LEARNING OUTCOMES

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

1. Discuss the basics of research design and research methodologies relevant to dental hygiene practice.
2. Explain the principles of evidence-informed practice and apply these to dental hygiene practice.
3. Employ the process of obtaining evidence-informed research as it relates to dental hygiene.
4. Evaluate professional and scientific literature relevant to dental hygiene practice.
5. Apply the principles of information literacy and academic referencing to dental hygiene practice.
6. Apply research findings to dental hygiene practice.
7. Evaluate the application of evidence to dental hygiene practice.

REQUIRED MATERIALS & RECOMMENDED PREPARATION / INFORMATION

Darby and Walsh (2019) Dental Hygiene Theory and Practice, 5th edition. WB Saunders

CDHA/BCDHA Student Membership (free) required for access to members only website. Please note: Students must maintain student membership for the duration of the program

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

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

Please See D2L For course schedule

1. **Discuss the basics of research design and research methodologies relevant to dental hygiene practice.**
   - Describe the scientific research process
   - Define what is considered to be evidence and how evidence is formulated through research
   - Identify and describe the main components and types of research designs
   - Differentiate between experimental and non-experimental approaches to research
   - Define ethnography and phenomenology in research

- Compare and contrast qualitative and quantitative research methods including mixed methods
- Distinguish between primary and secondary research, deductive and inductive reasoning, and differentiate between basic and applied research
- Define sampling and differentiate between a population and sample
  - Distinguish between simple random, systematic stratified, cluster sampling, convenience sampling, and cohort sampling techniques

2. Explain the principles of evidence-informed practice and apply these to dental hygiene practice.
- Explain the goals of research
- Define evidence-based practice
- Identify various ways of knowing and note their limitations
  - Explain why decolonization is necessary for learning about Indigenous knowledge systems and ways of knowing

3. Employ the process of obtaining evidence-informed research as it relates to dental hygiene.
- Identify and describe research strategies for systematic inquiry related to evidence based dental hygiene services
- Locate appropriate literature and evaluate sources of information
  - Explore medical/dental data bases and search strategies
  - Discuss indexing in Medline
  - Discuss filtered vs non-filtered online data bases
- Describe contemporary research topics and various types of professional reports
- Discuss sources of support available for dental health research
- Explore importance of creating a focused research question
  - Discuss and explore writing a PICO question
  - Perform computer/media search for background and foreground information

4. Evaluate professional and scientific literature relevant to dental hygiene practice.
- Examine part of a journal article (Abstract, introduction, review of existing research, purpose of the research, methods, findings, analysis/discussion of the findings, recommendations for dental hygiene practice, recommendations for future research)
- Recognize common errors in reasoning
- Describe the role of an ethics review board and how ethical principles are applied in research
- Explain how rigour is achieved in qualitative research
- Define internal and external validity
- Identify the main techniques used to assess reliability and validity
- Explain the meaning of the results of quantitative and qualitative studies
  - Review statistical methods and presentation of statistical data within a research article
  - Discuss p value and confidence intervals
  - Compare and contrast statistical analysis as it pertains to various data and forms of research
  - Discuss presentation of statistical data in research articles
- Define critical thinking as it applies to dental hygiene research

- Critically read journal articles
- Critically appraise research articles
  - Explain the steps for critically appraising research and research articles including:
    - CASP and other checklists to appraise research articles
    - How to determine if an article is peer reviewed
    - Hierarchy of journal articles
    - Critically appraising open source journals
    - Author credentials
    - Study design
    - Methods and materials
    - Validity and reliability
    - Data collection, analysis, and presentation
    - Funding
    - Limitations
    - Evaluating internet websites and sources
    - Bias
    - Conflict of interest

- Describe how to write a research critique
  - Discuss the need to critique research
  - Explore writing annotated bibliographies

5. Apply the principles of information literacy and academic referencing to dental hygiene practice.
   - Discuss the use of technology to access information in consideration of research ethics, copyright guidelines and approval
   - Explore and recall various citation styles for literature referencing
     - APA 7th edition
     - Vancouver style
   - Discuss the process of writing and assimilating research for a literature review
     - Create an outline in preparation of writing a literature review
   - Review the concepts of academic writing

6. Apply research findings to dental hygiene practice.
   - Explain the importance of a narrative (literature) review and when to conduct one
   - Describe how to complete a narrative (literature) review
   - Locate appropriate literature and evaluate sources of information
   - Discuss and differentiate between a narrative review, literature review, meta analysis, and systematic review
   - Discuss the process of assimilating research to complete a narrative (literature) review
   - Create an outline in preparation of writing a literature review
   - Conduct a narrative (literature) review on a specific dental hygiene topic
     - Discuss how to apply the results to dental hygiene practice

- Describe how dental hygienists can contribute to research updates in practice
- Discuss and explore statistical significance vs clinical significance and how they apply to clinical decisions in practice
- Discuss and practice shared decision making

7. Evaluate the application of evidence to dental hygiene practice
    - Discuss evaluation process for implementing new practices based on evidence in dental hygiene practice
    - Evaluate what may be considered best evidence in practice
    - Discuss and explore statistical significance vs clinical significance and how they apply to clinical decisions in practice
    - Explore reflective practice in context of evidence based practice

    - Discuss and explore the application of clinical practice guidelines in dental hygiene practice
        o Discuss timeline from research conducted to adopting to standard of care
        o Discuss challenges with knowledge translation and acquisition to implementation in clinical practice

ACTIVITY

Click to add here

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 scan be reviewed on the CAL exams page. http://camosun.ca/services/accessible-learning/exams.html

STUDENT EVALUATION

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

DESCRIPTION		WEIGHTING
Exam #1		20%
Exam #2		20%
Assignment 1: Annotated Bibliography		20%
Assignment 2: Narrative Review		30%
In class assignments/participation		10%

DESCRIPTION		WEIGHTING
	TOTAL	100%

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 policy for more information.
http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf

COURSE GUIDELINES & EXPECTATIONS

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

SCHOOL OR DEPARTMENTAL INFORMATION

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

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

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/.

Support Service	Website
Academic Advising	http://camosun.ca/advising
Accessible Learning	http://camosun.ca/accessible-learning
Counselling	http://camosun.ca/counselling
Career Services	http://camosun.ca/coop
Financial Aid and Awards	http://camosun.ca/financialaid
Help Centres (Math/English/Science)	http://camosun.ca/help-centres
Indigenous Student Support	http://camosun.ca/indigenous

Support Service	Website
International Student Support	http://camosun.ca/international/
Learning Skills	http://camosun.ca/learningskills
Library	http://camosun.ca/services/library/
Office of Student Support	http://camosun.ca/oss
Ombudsperson	http://camosun.ca/ombuds
Registration	http://camosun.ca/registration
Technology Support	http://camosun.ca/its
Writing Centre	http://camosun.ca/writing-centre

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 (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. To contact the Office of Student Support: 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.