



**CAMOSUN COLLEGE**  
**School of Health & Human Services**  
**Dental Programs**

**DHYG 390 Community Oral Health 1**  
**Fall 2016**

**COURSE OUTLINE**

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The Approved Course Description is available on the web @  
<http://www.camosun.bc.ca/calendar/current/web/dhyg.html#DHYG290>

⌘ Please note: This outline will not be kept indefinitely. It is recommended students keep this outline for their records.

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**1. Instructor Information**

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|------------------|--|
| (a) Instructor   | Melissa Schaefer   |
| (b) Office hours | Posted on office door  |
| (c) Location     | DNTL 003   |
| (d) Phone        | 370-3193 <b>Alternative:</b> 370-1344                              |
| (e) E-mail       | <a href="mailto:schaefer@camosun.bc.ca">schaefer@camosun.bc.ca</a> |
| (f) Website      | na   |

**2. Course Description and Particulars**

This course builds on concepts of health promotion and the determinants of health introduced in DHYG 245. Epidemiological concepts and trends are explored in relation to the oral health of various groups. The emphasis is on community oral health issues. Theory and concepts will be applied in the community.

Prerequisites: "B-" in DHYG 245

Credits: 2

In class hours: 2 per week x 14 weeks

**3. Required Materials**

(a) Readings available on D2L

(b) Health Canada Website: <http://www.hc-sc.gc.ca>  
Public Health Agency of Canada Website: <http://www.phac-aspc.gc.ca>  
World Health Organization Website: <http://www.who.int/bulletin/en/index.html>  
Canadian Association of Public health Dentistry Website: <http://www.caphd-acsdp.org/>

#### 4. Intended Learning Outcomes

| Intended Learning Outcomes   | Program Outcomes   |
|--|--|
| <ol style="list-style-type: none"> <li>1. Describe oral health activities related to the prevention and control of oral disease and promotion of health.</li> <li>2. Apply health promotion principles in community settings.</li> <li>3. Describe partnerships between population groups and health professionals that contribute to building healthy communities.</li> <li>4. Describe epidemiological concepts and trends as they relate to oral health.</li> <li>5. Describe research methodologies related to community oral health.</li> </ol> | <ol style="list-style-type: none"> <li>1. Function as a professional dental hygienist.</li> <li>2. Communicate and collaborate effectively with individuals, family, community and interdisciplinary teams.</li> <li>3. Demonstrate critical thinking and use evidence based decision-making to provide optimal dental hygiene services to individuals, families and community.</li> <li>4. Advocate improving oral health and access to oral health services for individuals, families and community.</li> <li>5. Coordinate and contribute to the effective management of the practice environment to ensure quality care and services.</li> <li>6. Function as a competent clinician using the dental hygiene process of care.</li> <li>7. Educate individuals, families and community about oral health including its relationship to general health.</li> <li>8. Apply health promotion principles to improve the health of individuals, families and community.</li> </ol> |

#### 5. Course Content/Elements

On completion of this course the student will be able to:

- 1.0 Describe oral health activities related to the prevention and control of oral disease and promotion of health.
  - 1.1 Describe various roles and activities of dental professionals the prevention of oral diseases in the community
- 2.0 Apply health promotion principles in community settings.
  - 2.1 Recall knowledge of the five health promotion actions outlined in the Ottawa Charter for Health Promotion (from DHYG 245)
  - 2.2 Recall knowledge of the social determinants of health (from DHYG 245)
  - 2.3 Conduct a community presentation using appropriate health promotion principles
- 3.0 Describe partnerships between population groups and health professionals that contribute to building healthy communities.
  - 3.1 Discuss community health partnerships

- discuss information and skills that help health professionals establish, maintain and improve partnerships with other health groups within the community
  - discuss barriers to positive partnerships between health professionals and client groups
  - discuss the community health needs of different client groups
  - describe oral health inequities in our community
- 3.2 Discuss oral health care for people living in care facilities.
- discuss the residential care system
  - discuss interpersonal skills appropriate for working with clients and their caregivers
  - discuss oral health status and appropriate interventions for special population groups living in residential care
  - describe factors to consider when planning community programs with special population groups in residential care including physical, social, and economic factors as well as levels of dependency
  - discuss ways of helping the clients and caregivers with challenges of care
- 3.3 Discuss community dental programs for infants and children.
- discuss ways of presenting information to various ages of children including appropriate interpersonal skills
- 4.0 Describe epidemiological concepts and trends as they relate to oral health.
- 4.1 Describe epidemiology.
- define epidemiology
  - describe uses of epidemiology for community dental care
  - differentiate between descriptive, analytical and experimental epidemiology
  - differentiate between prevalence and incidence
  - describe the strengths and limitations of cross-sectional, longitudinal, cohort, case study and retrospective follow-up types of analytical epidemiological studies
- 4.2 Describe dental indices used for epidemiological studies.
- describe characteristics of an effective and useful index
  - differentiate between individual clinical indices and clinical trial indices
  - describe the purpose and methodology of the following dental caries indices: DMFT and DMFS
  - describe the purpose and methodology of oral hygiene indices
  - describe the purpose and methodology of periodontal indices
  - describe the purpose and methodology of fluorosis indices
- 4.3 Describe oral health trends.
- describe the relationship between host, agent and environment
  - describe the impact of lifestyle practices and the social determinants of health on oral health
  - describe the estimates of the level of the oral health of Canadians
- 5.0 Describe research methodologies related to community oral health.
- 5.1 Describe community dentistry research literature.
- recall knowledge of components of a scientific report (title, abstract, introduction, review of the literature, materials and methods, presentation and analysis of data and conclusions, from DHYG 245)
  - recall knowledge of the levels of clinical evidence (from DHYG 245)
  - identify journals publishing original research in community dentistry

A schedule of weekly topics, assignment details and due date(s), and exam dates will be provided in the first week of classes.

## 6. Basis of Student Assessment (Weighting)

### (a) Assignments

- |                                      |          |
|--------------------------------------|----------|
| 1. Indices presentation              | 10 marks |
| 2. Presentation to a Community Group | 35 marks |
| 3. Readings                          | 40 marks |
| 4. IPE project                       | 15 marks |

**Students are expected to attend all classes and participate in class discussions and activities. If a student is absent for more than 2 classes, marks will be deducted. All assignments must be completed and handed in order to be successful in the course. Marks will be deducted for late submissions.**

## 7. GRADING SYSTEMS <http://www.camosun.bc.ca/policies/policies.php>

- Standard Grading System (GPA)
- Competency Based Grading System

### A. The following two grading systems are used at Camosun College:

#### 1. Standard Grading System (GPA)

| Percentage | Grade | Description                                 | Grade Point Equivalency |
|------------|-------|---|-------------------------|
| 90-100     | A+    |   | 9                       |
| 85-89      | A     |   | 8                       |
| 80-84      | A-    |   | 7                       |
| 77-79      | B+    |   | 6                       |
| 73-76      | B     |   | 5                       |
| 70-72      | B-    | Passing Grade                               | 4                       |
| 65-69      | C+    | Minimum level <b>has not</b> been achieved. | 3                       |
| 60-64      | C     |   | 2                       |
| 50-59      | D     |   | 1                       |
| 0-49       | F     |   | 0                       |

#### 2. Competency Based Grading System (Non GPA)

This grading system is based on satisfactory acquisition of defined skills or successful completion of the course learning outcomes

| Grade | Description   |
|-------|---|
| COM   | The student has met the goals, criteria, or competencies established for this course, practicum or field placement.   |
| DST   | The student has met and exceeded, above and beyond expectation, the goals, criteria, or competencies established for this course, practicum or field placement. |
| NC    | The student has not met the goals, criteria or competencies established for this course, practicum or field placement.  |

## B. Temporary Grades

Temporary grades are assigned for specific circumstances and will convert to a final grade according to the grading scheme being used in the course. See Grading Policy at <http://www.camosun.bc.ca/policies/E-1.5.pdf> for information on conversion to final grades, and for additional information on student record and transcript notations.

| Temporary Grade | Description   |
|-----------------|---|
| I               | <i>Incomplete:</i> A temporary grade assigned when the requirements of a course have not yet been completed due to hardship or extenuating circumstances, such as illness or death in the family.   |
| IP              | <i>In progress:</i> A temporary grade assigned for courses that are designed to have an anticipated enrollment that extends beyond one term. No more than two IP grades will be assigned for the same course.   |
| CW              | <i>Compulsory Withdrawal:</i> A temporary grade assigned by a Dean when an instructor, after documenting the prescriptive strategies applied and consulting with peers, deems that a student is unsafe to self or others and must be removed from the lab, practicum, worksite, or field placement. |

## 8. Recommended Materials or Services to Assist Students to Succeed Throughout the Course

### LEARNING SUPPORT AND SERVICES FOR STUDENTS

There are a variety of services available for students to assist them throughout their learning. This information is available in the College Calendar, Student Services or the College web site at <http://www.camosun.bc.ca>

### STUDENT CONDUCT POLICY

There is a Student Conduct Policy. It is the student's responsibility to become familiar with the content of this policy. The policy is available in each School Administration Office, Registration, and on the College web site in the Policy Section.  
<http://www.camosun.bc.ca/policies/policies.html>