



CAMOSUN COLLEGE
School of Health & Human Services
Dental Programs

DHYG 290 Community Health
Fall 2008

COURSE OUTLINE

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

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

1. Instructor Information

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

2. Intended Learning Outcomes

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

1. Describe and participate in community oral health activities related to the prevention and control of oral disease and promotion of health.
2. Describe partnerships between special population groups and health professionals that contribute to building healthy communities.
3. Describe the role of the dental hygienist as an agent for change.
4. Describe epidemiological concepts and trends as they relate to oral health.
5. Describe research methodologies related to community oral health.

3. Required Materials

(a) Texts

Concepts in Dental Public Health, 1st Ed., Mason, Jill. Lippincott Williams & Wilkins, 2005.

Dental Hygiene Theory and Practice, 2nd Ed., Darby, M. and Walsh, M.; W.B. Saunders & Co., 2003.

- (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:

4. Course Content and Schedule

This course is a continuation of DHYG 190. The emphasis is on promotion of oral health, as well as community dental health programming. Didactic information will be applied in the community through field experiences.

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

1.0 Describe and participate in community oral health activities related to the prevention and control of oral disease and promotion of health.

1.1 Recall concepts of preventive dentistry (from DHYG 190, 150 and 151)

1.2 Describe the involvement of dental professionals for the prevention of oral diseases

2.0 Describe partnerships between special population groups and health professionals that contribute to building healthy communities.

2.1 Discuss community health partnerships.

- recall the concept of partnerships with community groups during the planning, implementation and evaluation of community programs (from DHYG 190)
- discuss information and skills that help health professionals establish, maintain and improve partnerships with other health groups within the community
- discuss community dental health in the context of healthy communities

2.2 Discuss challenges of working with special client groups:

- discuss what is meant by "client groups"
- discuss the community health needs of different client groups
- describe possible health inequities of client groups
- discuss barriers to positive partnerships between health professionals and client groups
- discuss interpersonal skills appropriate for working with client groups
- discuss dental health, in the context of general health and family coping

2.3 Discuss community partnership dental programs for people in residential care.

- discuss the residential care system
- recall interpersonal skills appropriate for working with clients and their caregivers (from DHG 150)
- 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

2.4 Discuss community dental programs for school children

- recall knowledge about presenting information to community groups (from DHYG 190)
- discuss ways of presenting information to various ages of school children including appropriate interpersonal skills

3.0 Discuss the role of the dental hygienist as an agent for change.

3.1 Discuss influence and change.

- recall knowledge of public presentations
- discuss factors to consider when attempting to influence others

3.2 Discuss the participation of dental hygienists in health initiatives.

- define "health initiatives"
- explain the recent history of dental hygiene involvement in health initiatives

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.

- differentiate between individual clinical indices and clinical trial indices
- describe characteristics of an effective and useful index
- describe the purpose and methodology of the following dental caries indices: DMFT and DMFS
- describe the purpose and methodology of the following oral hygiene indices:
 - Green and Vermillion's OHI and OHI-S, O'Leary's Plaque Control Record,
 - Silness and Loe's Plaque Index
- describe the purpose and methodology of the following periodontal indices:
 - Russell's Periodontal Index, and C.P.I.T.N.

4.3 Describe oral health trends.

- describe the relationship between host, agent and environment
- discuss future dental epidemiology trends due to changes in host, agent and environmental factors
- recall the impact of lifestyle practices on oral health

5.0 Describe research methodologies related to community dental 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 151)
- apply knowledge of scientific reports to community dentistry research reports
- define "refereed" journals
- 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.

In-Class Workload: 1.5

5. Basis of Student Assessment (Weighting)

- (a) Assignments
- | | | |
|----|-----------------------------------|----------|
| 1. | Research article analysis | 20 marks |
| 2. | Indices presentation | 10 marks |
| 3. | Presentation to a Community Group | 35 marks |
- (b) Final exam 35 marks

6. 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 has not 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.

7. 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>