



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

**DHYG 380**  
**Clinical Theory 4**  
**Winter 2018**

**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>

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† 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**

<b>(a) Instructor</b>	Leta Zaleski
<b>(b) Office hours</b>	Posted on door
<b>(c) Location</b>	Dental Building Room 003
<b>(d) Phone</b>	250-370-3453 <b>Alternative:</b> 604-819-6901
<b>(e) E-mail</b>	lzaleski@camosun.ca
<b>(f) Website</b>	

**2. Course Description**

- a. This course builds on DHYG 370 with a focus on the provision of dental hygiene care to clients with special needs including systemic medical conditions. Issues, challenges and solutions associated with the transition into private dental office practice are examined.
- b. i.) Pre-Requisites: DHYG 310, DHYG 321, DHYG 370, DHYG 371, DHYG 390  
ii.) Co-requisites: DHYG 322, DHYG 328, DHYG 345, DHYG 381, DHYG 391
- c. Course Particulars
  - i.) Credits: 4
  - ii.) Components: lecture
  - iii.) Course is not available by distance
  - iv.) Prior learning is not available for this course

A weekly schedule of class will be distributed separately.

### 3. Required Materials

#### Texts

Darby, M. & Walsh, M. Dental Hygiene Theory and Practice. 4<sup>th</sup> Ed. St Louis Missouri: Saunders; 2015.

DeLong L, Burkhart NW. General and Oral Pathology for the Dental Hygienist. 2<sup>nd</sup> ed, Baltimore: Wolters Kluwer Health/Lippincott Williams & Wilkins; 2013.

Clinic Manual. Camosun College Dental Hygiene Program; 2017-208.

Haveles, E.B. Applied Pharmacology for the Dental Hygienist, 7<sup>th</sup> Ed.: Mosby, St. Louis, 2016.

Logothetis, Demetra D. Local Anesthesia for the Dental Hygienist 2<sup>nd</sup> Ed Mosby, St. Louis, 2017

Nield-Gehrig, JS. Willmann, DE Foundations of Periodontics for the Dental Hygienist 4<sup>th</sup> Ed., Philadelphia, Pa 2014

Stegeman & Davis. The Dental Hygienist's Guide to Nutritional Care. 4<sup>th</sup>. St. Louis: WB Saunders; 2014.

#### Reference Materials

Gladwin & Bagby. Clinical Aspects of Dental Materials Theory, Practice and Cases. 4<sup>th</sup> Ed. Philadelphia: Lippincott Williams & Wilkins; 2013.

Little, Falace, Miller and Rhodus. Dental Management of the Medically Compromised Patient. 9<sup>th</sup> Ed. St. Louis: Elsevier; 2017.

Articles TBA

<b>Learning Outcomes for DHYG 380 Clinical Theory 4</b>	<b>Program (Global) Outcomes (FYI)</b>
<p>Upon successful completion of this course a student will be able to:</p> <ol style="list-style-type: none"> <li>1. Examine approaches to providing dental hygiene care that support clients living with limitations and impairments.</li> <li>2. Analyze approaches to the management of chronic diseases and conditions.</li> <li>3. Analyze oral health products to support evidence-based practice.</li> <li>4. Identify issues, challenges and solutions associated with the transition into private dental office practice.</li> <li>5. Discuss professional expectations during participation in course activities, continuing education seminars and projects.</li> <li>6. Apply critical thinking in analyzing information from a variety of sources.</li> </ol>	<ol style="list-style-type: none"> <li>A. Practice professionally as a dental hygienist in a variety of settings.</li> <li>B. Demonstrate critical thinking and use evidence based decision-making to provide optimal dental hygiene services to individuals, families and community.</li> <li>C. Advocate for the improvement of oral health and access to oral health services for individuals, families and community.</li> <li>D. Coordinate and contribute to the effective management of the practice environment to ensure quality care and services.</li> <li>E. Demonstrate competency as a clinician using the dental hygiene process of care in a variety of settings.</li> <li>F. Educate individuals, families and community about oral health including its relationship to general health.</li> <li>G. Communicate and collaborate effectively with individuals, family, community and interdisciplinary teams.</li> </ol>

	H. Apply health promotion principles to enhance the health of individuals, families and communities..
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**4. Intended Learning Outcome**

## 5. Course Elements and DHYG 380 Session Outcomes

### Session 1: Introduction and Orientation to the Course

1. Demonstrate the ability to think critically and apply the problem-solving process to dental hygiene decisions.
2. Develop specific and realistic goals using learning plans.
3. Self-evaluate problems that are blocking goal achievement.
4. Plan strategies, considering alternative solutions and their consequences
5. Identify limits of own learning.

### Major Project Review

1. Discuss plan to complete research
2. Review research methods in preparation for final project
3. Discuss plan for major project including timelines for completion
4. Problem solve challenges with major project

### Sessions (see schedule): Clients with Special Needs

1. Develop appropriate strategies for providing comprehensive care for clients with diverse medication and dental considerations such as oral piercings, sensory impairments, dental prosthesis, sleep apnea, neurological disease, autism spectrum disorder, Down syndrome, cleft palate, gastrointestinal disorders, blood disorders, autoimmune disorders, oral surgical considerations, geriatrics and others
2. Recall pathology of diverse medical and dental disorders
3. Analyse non-surgical strategies to manage advanced periodontal disease for diverse clients
4. Discuss herbal remedies and the impact of oral health

### Session 11: Condensed Paperwork

1. Discuss modifications to paperwork needed to transition into private practice
2. Discuss Camosun College protocols for using condensed paperwork to document the ADPIE process.
3. Recall similarities and differences in utilizing piezo vs. magnetostrictive power instruments.

### Session 12: Term Exam 1

### Session 16: Pacific Dental Conference

1. Demonstrate professionalism as a representative of the program
2. Attend a required course, summarize the information and report in class to peers
3. Attend the exhibit hall for a session to review new products
4. Attend a course of the student's choice

### Session 21: Periodontal Dressing, Sutures, and Professional Irrigation

1. Analyze suture materials and techniques
2. Discuss materials and technique for placement of a periodontal dressing
3. Discuss armamentarium used during air polishing
4. Compare and contrast air polishing to convention rubber cup polishing including technique, contraindications and client management
5. Discuss indications for use of professional irrigation, equipment and technique

### Session 26: Term Exam 2

### Sessions (TBA): Private Practice Transition

1. Discuss scheduling in private practice
2. Discuss strategies for effective delivery of comprehensive care in a timely manner
3. Discuss ethical issues identified during externship visits and potential issues entry level new grads may face when transitioning into practice
4. Discuss the challenges of the fee guide and dental insurance on the delivery of comprehensive dental hygiene care

5. Analyze electronic software options for dental practice management including digital charting
- Sessions (TBA): Major project preparation for presentations**
1. Submit and present draft of major project presentation
  2. Peer review and provide constructive feedback regarding presentation
  3. Demonstrate professional conduct

**Session 27: Documentation completion**

1. Complete chart and quality assurance audits for all assigned clients.
2. Prepare all paperwork to submit for program completion

**Session 29: Course/Program Completion.**

1. Provide professional constructive feedback on the student experience in the DH program
2. Discuss transitions into practice

**6. Bases of Student Assessment (Weighting)**

1. Assignments

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|--|-----|
| A) Final Paper (Due date TBA)                  | 20% |
| B) Final Presentation (Due date TBA)           | 25% |
| C) Herbal Remedies Project (Due April 6, 2018) | 5%  |

2. Exams

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|------------------------------------|-----|
| A) Term Exam 1 (February 23, 2018) | 25% |
| B) Term Exam 2 (April 20, 2018)    | 25% |

Note: Students must receive 70% in both the assignment and examination portions of the overall class mark.

A. **GRADING SYSTEMS** <http://www.camosun.bc.ca/policies/policies.php>

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-	<b>PASSING GRADE</b>	4
65-69	C+	Minimum level has not been achieved.	3
60-64	C		2
50-59	D		1
0-49	F		0

2. 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/E-2.5.pdf>