



CAMOSUN COLLEGE

School of Health and Human Services (HHS)
Department: Dental Programs – Dental Hygiene



[Camosun.ca/hhs-handbook](http://camosun.ca/hhs-handbook)

DHYG 271 Clinical Practice 1 Fall 2019

COURSE OUTLINE

The course description is available on the web:
<http://camosun.ca/learn/calendar/current/web/dhyg.html#dhyg271>

Ω Please note: This outline will not be kept indefinitely. It is recommended students keep this outline for their records, especially to assist in transfer credit to post-secondary institutions.

1. Instructor Information

- (a) **Instructor** Donna Ferguson
(b) **Office hours** Posted on door
(c) **Location** Dental Building D004
(d) **Phone** 250-370-3507 **Alternative:** N/A
(e) **E-mail** fergusond@camosun.bc.ca
(f) **Website** N/A

2. Course Description & Intended Learning Outcomes

This course introduces students to foundational dental hygiene practices, skills, and procedures in a supervised clinical setting. Content from DHYG 270 Clinical Theory 1 is integrated and applied to peers and mannequins in the clinical practice setting. Underlying principles of professional and ethical dental hygiene practice provide the framework for this course.

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

- a) demonstrate professional behavior and practice.
- b) demonstrate effective interpersonal oral, written and expressive communication with peers and team at a beginning level.
- c) apply knowledge of clinical and client health and safety practices in the clinical environment.
- d) apply dental hygiene assessment processes while working with mannequins and peers.
- e) demonstrate fundamental instrumentation and oral self-care skills with peers and mannequins.

3. Required Materials

(a) Texts

Darby, M. & Walsh, M. Dental Hygiene Theory and Practice. 5th Ed. St Louis Missouri: Saunders; 2020.

Nield-Gehrig, Fundamentals of Periodontal Instrumentation. 8th Ed. Philadelphia PA: Lippincott Williams & Wilkins; 2017.

Additional handouts/articles may be given throughout the Term.

(b) Other

Camosun College 2019/20 Instrument Kit to be purchased by the student prior to the end of week 1 of the semester.

Clinic Manual; Camosun College Dental Hygiene Program; 2019/20 edition

Each week will build on foundational knowledge acquired in the previous weeks; therefore, it is important to continue to review readings as you move through the semester.

4. Course Content and Schedule

Schedule posted on D2L

Clinic hours 12 per week for 14 weeks

DHYG 271 (Note: topics are not listed in any particular order)

Introduction to course:

Upon completion of this session you need to be able to:

1. Explore the importance of critical thinking and the problem-solving process in providing optimal dental hygiene care.
2. Explain the importance of establishing specific and realistic goals for each clinical setting.
3. Identify obvious problems that are blocking goal achievement, with guidance.
4. Plan basic strategies, considering some alternative solutions and their consequences, with guidance.
5. Identify limits and responsibility of own learning.

Infection Control and Accident and Injury Prevention

Upon completion of this session you need to be able to:

1. Apply infection control in the clinical setting including standard precautions during opening and closing procedures of a dental unit.
2. Apply information about hazardous materials including precautions for handling and using the Safety Data Sheets as part of the Workplace Hazardous Materials Information System (WHIMIS 2015).
3. Report accidents and injuries when required.

Ergonomics

Upon completion of this session you need to be able to:

1. Apply principles of balanced positioning and zones of activity for dental hygiene care.
2. Demonstrate principles of optimal physical comfort for the client and practitioner.
3. Utilize the steps in achieving balanced positioning.
4. Self-assess for risk factors and patterns for possible musculoskeletal symptoms (MSS).

Instrument Acquisition and create own dental chart:

Upon completion of this session you need to be able to:

1. Acquire instruments and prepare for clinical use.
2. Handle instruments, equipment and hazardous materials in a safe manner.
3. Accurately fill out own Health History and Dental History and chart folder to be filed in the reception area.

Instrumentation – Basic Instrumentation Identification

Upon completion of this session you need to be able to:

1. Explore general characteristics of dental hygiene instruments.
2. Differentiate between different types of instruments according to design and classification.
3. Recognize the design features of instrument handles and shanks and relate to the instruments use.

Instrumentation technique –Mirror, Probe and Explorer

Upon completion of this session you need to be able to:

1. Apply principles of modified pen grasp, fulcrums and finger rests on manikin and peer with mirror, probe and explorer.
2. Apply basic principles of instrument insertion and activation utilizing a walking stroke and exploratory stroke.
3. Explore topography of various tooth surfaces and begin to identify various findings on peer.

Instrumentation – Introduction to Anterior and Posterior Sickles and Area Specific Curettes

Upon completion of this session you need to be able to:

1. Apply principles of modified pen grasp, fulcrums and finger rests, on manikin with mirror, anterior and posterior sickle and area specific curettes.
2. Adapt principles of insertion, adaptation, angulation and activation of anterior and posterior sickles and area specific curettes.
3. Apply principles of a systematic, efficient, sequence when following basic instrumentation principles.

Implementation – Angulation and activation for deposit removal

Upon completion of this session you need to be able to:

1. Apply principles of angulation and a working stroke that would be utilized during debridement.
2. Observe the limitations and strengths of curettes and scalers in supporting periodontal debridement.
3. Apply principles of a systematic, efficient, sequence for periodontal debridement, following basic instrumentation principles in simulation.
4. Explore approaches to documentation of debridement procedures.

Health History, Dental History and Vital Signs

Upon completion of this session you need to be able to:

1. Discuss the advantages and disadvantages of questionnaire and interview methods for obtaining health history information.
2. Explain conditions that require a “medical alert”.
3. Discuss the approach to achieving an accurate health history and dental history according to medico legal requirements.
4. Explain the rationale for obtaining vital signs for dental hygiene care.
5. Document findings according to Camosun College protocols.

Emergency Prevention and Management

Upon completion of this session you need to be able to:

1. Explain communication approaches to elicit client information in an efficient and caring manner.
2. Apply strategies to elicit comprehensive health information in simulation experiences.
3. Relate health history information to the prevention of medical emergencies.

4. Explain the protocols of the Camosun College's Dental Clinic for obtaining trained emergency care personnel (PERT).
5. Identify the location of clinical emergency equipment in the clinical setting.

Emergency stations

Upon completion of this session you need to be able to:

1. Identify location of emergency equipment, demonstrate use and explain Camosun College emergency protocols (PERT) for emergency clinical situations.

Assessments—General Head and Neck Assessment and oral soft tissue examination

Upon completion of this session you need to be able to:

1. Apply knowledge of the structures and function of the head and neck in simulation exercises.
2. Use a systematic method of assessing the head and neck and intraoral area.
3. Record significant deviations from normal using terminology that meets medico legal requirements.
4. Examine communication approaches for sharing assessment data with the client.

Identification of oral landmarks

Upon completion of this session you need to be able to:

1. Identify oral landmarks based on information from references.
2. Explain the relevance of oral landmarks for dental hygiene care.

Assessment –Dental and Occlusal examinations

Upon completion of this session you need to be able to:

1. Apply a systematic sequence for assessing the dentition.
2. Observe the benefits of assessing the dentition utilizing a systematic sequence.
3. Apply accurate documentation principles in recording dental findings in simulation.
4. Identify characteristics of occlusion.
5. Utilize a systematic method for determining the classification of occlusion.
6. Record Angles classification of occlusion.
7. Observe the impact of occlusal trauma including subjective and objective signs and symptoms.

Periodontal assessment: (Risk assessment, probing, gingival, MFR and CAL)

Upon completion of this session you need to be able to:

1. Utilize probing skills to assess the periodontium.
2. Recognize clinical manifestations associated with inflammation.
3. Collect complete information about the periodontium based on Camosun protocols.
4. Apply accurate documentation principles in recording periodontal findings
5. Utilize a systematic sequence for assessing the periodontium.
6. Utilize the AAP guidelines to support the periodontal diagnostic statement.

Deposit Assessment:

Upon completion of this session you need to be able to:

1. Differentiate between different soft deposits.
2. Assess and describe the location and quality of dental plaque biofilm and calculus
3. Assess presence of contributing factors to the presence of deposits.
4. Apply accurate documentation principles in recording findings.
5. Explain how the assessment of soft and hard deposits informs client education.
6. Describe the effectiveness of plaque and calculus inhibitors according to research
7. Assess the presence of stain and the significance to client.

Self-care: Health promotion/disease prevention and aids:

Upon completion of this session you need to be able to:

1. Explain how the oral hygiene assessment is used during client education, monitoring, and motivation.
2. Utilize self-care techniques to promote general and oral health.
3. Reflect on the role and limitations of the dental hygienist while promoting oral health for a client.
4. Recognize the appropriate circumstances for recommending various dentifrice, floss, toothbrushes and other self-care aids compliant with the ADA Seal of Acceptance Program.
5. Modify client self-care techniques when needed in simulation.
6. Document and describe plaque biofilm accumulation according to amount and location.
7. Record self-care teaching and learning information in the client's record.

Implementation: Joint clinic with students in DHYG 371:

Upon completion of this session you need to be able to:

1. Utilize feedback from senior student during instrumentation practice.
2. Gain relevant knowledge regarding use of a variety of instruments.

ADPIE application on a student partner:

1. Practice as a professional by integrating communication, critical thinking, collaboration and coordination abilities.
2. Use Camosun College protocols to manage the practice environment to support client and personal safety.
3. Gain relevant assessment information for a student partner/client.
4. Work with the dental hygiene diagnosis generated by the clinical instructor.
5. Work with the care plan generated by the clinical instructor.
6. Provide dental hygiene services based on the approved care plan.
7. Assess the outcomes of the services provided using input from the client and instructor.

Assessments or instrumentation practice:

Upon completion of this session you need to be able to:

1. Recall techniques utilized in the acquisition of assessment data and implementation techniques.
2. Utilizing self-evaluation techniques determine areas in skill development that require review and practice.

Implementation: Final practice session for the semester

Upon completion of this session you need to be able to:

1. Complete clinical requirements for semester.
2. Practice instrumentation.

Clinic Maintenance:

1. Satisfactorily complete clinic maintenance procedures in partnership with senior students.

Clinical Evaluations:

Note: All clinical evaluations (summative) must be completed by week 13.

Clinical Expectations:

Attendance is required for all scheduled teaching and client clinical sessions.

- **Notification if away:** Students who must be absent due to health or other emergency reasons are to notify the respective DH2 Lead clinic instructor first thing in the morning and to cc the Instructional Assistant (email)
- The Lead instructor may request a physician's note for any clinical absences.
- Students may be assigned additional clinical duties to complete the required number of clinical hours needed to meet course outcomes.

Professionalism and Department

- Students must demonstrate professionalism and deportment at all times.
- Students must come to midterm meetings prepared (ex. Tracking is up to date, all documentation is completed including appropriate signatures, binder is organized according to tabs).

Student Clinic Binder

Each student is responsible for maintaining his/her own up to date clinic binder containing the following information.

- CA and Reception Forms
- Remediation information
- Feedback as required
- Clinical notes

Binders must be stored in the filing cabinet at the back of the clinic. During clinic, the binders must be chairside. Binders may be signed out through advisors to assist students completing journaling and term evaluations.

Use of cellphones and other electronic devices in the clinical environment

Professional decorum is required on the clinic floor at all times. This includes the use of electronic devices such as cell phones and personal laptops.

- Use of cell phones is highly disruptive to instruction in the classroom, clinic and in reception. If necessary, an emergency contact can be arranged through the Instructional Assistant (reception office at 250 370-3184). Cell phones may be used for client communication before and after clinical sessions. Cell phones must be on 'silent' and out of sight during clinical sessions unless specifically used for client care.
- Personal use of music devices or other electronics by students is not permitted on the clinic floor, dispensary or reception.

5. Basis of Student Assessment (Weighting)

The student must satisfactorily:

1. Meet all course learning outcomes by the end of the semester.
2. Provide sufficient evidence of learning that supports meeting learning outcomes.
3. Complete all documentation required in clinical exercises.
4. Satisfactory bi-weekly journaling.

5. Satisfactorily complete all clinical requirements/evaluations (that include instructor signatures) by the due dates. Students must contact advisors prior to clinical requirement due dates if he/she cannot complete the requirement by the due date.

Clinical Requirements: Each student will be given a summative evaluation form outlining the clinical requirements for DHYG 271. Summative evaluations will be scheduled throughout the semester in order for students to complete these requirements. Students may attempt summative evaluations a maximum of 2 times. If the student is unsuccessful twice, the student's advisor will arrange for remedial assistance. Once the remedial assistance is completed, the student will have the opportunity to attempt the summative evaluation a third time. If the student is unsuccessful a third time, the clinic faculty will meet to review student progress and decide on further remediation.

NOTE: Clinical faculty other than the student's advisor or team lead must observe the third attempt of a summative evaluation.

If a student does not successfully complete all clinical requirements, he/she will not be eligible to continue in the dental hygiene program.

Self-assessment: There will be two parts to self-assessment in DHYG 271; weekly journaling and evidence of learning to support meeting the learning outcomes. Students will reflect weekly on their clinical experience by following the guided questions posted on D2L in the DHYG 271 site. Students are encouraged to set goals with appropriate strategies to support attainment of the goals and achieve success in the clinical course. A template of guiding questions is posted on D2L.

Advisors will review the journaling on a regular basis and provide feedback as needed. Students are expected to act on the feedback if requested. At midterm and end of term, advisors will be grading the journaling and quality of evidence to determine whether students are meeting or have met the clinical learning outcomes. Further instructions are posted in DHYG271 on D2L.

Self-assessment due dates: week 6 and week 13.

CC Grade	Course Grade	Description
DST	A	Distinguished performance for the expected abilities during this term of the program (standard met)
COM	B	Solid performance with some improvable areas for the expected abilities during this term of the program (standard met)
	B-	Performance that meets criteria in a very minimal/elementary and basic manner for the expected abilities during this term of the program to the point that the learner is required to develop a learning plan to substantively improve abilities in the next term of the program (standard met with the development of the learning plan).
NC	C	Incomplete performance for the expected abilities during this term of the program (standard not met)

6. Grading System

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

7. Recommended Materials to Assist Students to Succeed Throughout the Course

N/A

8. College Supports, Services and Policies

Immediate, Urgent, or Emergency Support



If you or someone you know requires immediate, urgent, or emergency support (e.g., illness, injury, thoughts of suicide, sexual assault, etc.), **SEEK HELP**. Resource contacts:

<http://camosun.ca/about/mental-health/emergency.html> or
<http://camosun.ca/services/sexual-violence/get-support.html#urgent>

College Services

Camosun offers a variety of health and academic support services, including counselling, dental, centre for accessibility, help centre, learning skills, sexual violence support & education, library, and writing centre. For more information on each of these services, visit Student Services at <http://camosun.ca/services/>

College Policies

Policies are available on the College website at <http://camosun.ca/about/policies/>

Camosun strives to provide clear, transparent, and easily accessible policies that exemplify the college's commitment to life-changing learning. It is the student's responsibility to become familiar with the content of College policies.

Education and academic policies include, but are not limited to, [Academic Progress](#), [Admission](#), [Course Withdrawals](#), [Student Appeals](#), Medical/Compassionate Withdrawal, Sexual Violence and Misconduct, Student Ancillary Fees, and Student Penalties and Fines.

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 website.

1. GRADING SYSTEMS

<http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.5.pdf#page=2>

The following two grading systems are used at Camosun College:

8. 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-	Minimum passing grade for Dental courses	4
65-69	C+		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.

3. 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#page=4> 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.