



CAMOSUN COLLEGE

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



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

DHYG 281 Clinical Practice 2 Winter 2020

COURSE OUTLINE

The course description is available on the web:
<http://camosun.ca/learn/calendar/current/web/dhyg.html#dhyg281>

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 or by appointment
- (c) **Location** Dental Building Room 004
- (d) **Phone** 250-370-3507 **Alternative:** NA
- (e) **E-mail** fergusond@camosun.bc.ca
- (f) **Website** NA

2. Course Description & Intended Learning Outcomes

This course builds on DHYG 271 with a focus on applying clinical theory and psychomotor skills to clinical practice with clients in the onsite clinic. Learners are mentored as they navigate the increased complexity of dental hygiene practice in applying assessment, planning, diagnosis, implementation, evaluation, professionalism, health and safety to client care.

Upon successful completion of the course students will be able to:

- a) demonstrate consistent professional behaviour in a clinical setting.
- b) demonstrate effective written, oral and expressive communication skills in dental hygiene practice.
- c) demonstrate practices that ensure the health, safety and well-being of self and others in the clinical setting.
- d) collaboratively and independently begin to apply assessment, diagnosis, planning, implementation and evaluation processes to client care.
- e) develop and practice instrumentation and psychomotor skills to ensure quality client care.
- f) begin to use evidence based practice, critical thinking and problem solving skills in working with clients and the team.
- g) integrate basic behavioural, biological and dental sciences into clinical situations.

3. Required Materials

Darby, M, Walsh, M. (2020). *Dental Hygiene Theory and Practice*, 5th Ed. St Louis Missouri: Saunders.

Gehrig, J, Sroda, R, Saccuzzo, D. (2017). *Fundamentals of Periodontal Instrumentation*, 8th Ed. Philadelphia PA: Lippincott Williams & Wilkins.

Camosun College Dental Hygiene Clinic Manual, 2019/20 edition

Course Prezi/powerpoints and handouts will be uploaded to D2L and available for student downloading.

Dental Programs Safety Manual

Health History Manual

4. Course Content and Schedule

Clinics are three times a week Monday 1:30- 3:30pm
Wednesday 1:30-5:30 pm (teaching clinic)
Friday 8:30am-12:30pm

Schedule: Posted on D2L
12 hours per week for 16 weeks

Introduction orientation to the Course

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

1. Understand the overall layout of DHYG 281.
2. Demonstrate the ability to think critically and apply the problem-solving process to dental hygiene decisions.
3. Develop specific and realistic goals in all learning contexts.
4. Identify problems that are blocking goal achievement, with guidance.
5. Plan basic strategies, considering alternative solutions and their consequences, with guidance.
6. Identifies limits of own learning.

Instrument practice

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

1. Practice as a professional in a clinical setting with guidance.
2. Assess strategies that support balanced positioning.
3. Select instruments based on their design parameters to best achieve planned outcomes.
4. Adapt and activate instruments in balanced, safe and atraumatic manner.
5. Provide evidence-informed rationales for the selection and adaptation of instruments.
6. Evaluate balanced positioning and instrumentation approaches of peers.
7. Assess instruments for original design characteristics and sharpness.
8. Compare and contrast methods for sharpening instruments.
9. Sharpen instruments if indicated.
10. Make recommendations about tip or instrument replacement.
11. Provide evidence-informed rationale for decisions made and actions taken.

Evaluation of care:

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

1. Explain the purpose of the evaluation phase of client care, its significance to the process of care and practitioner liability.
2. Measure outcomes and determine if goals have been met or not met.
3. Evaluate factors influencing client goal achievement and utilize to determine possible future interventions.
4. Apply protocols for clients' evaluation phase of care.

Mock clients continued

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

1. Accurately gather assessment data.
2. Analyse assessment data to create a diagnosis and care plan.
3. Implement a care plan.
4. Perform post care evaluation based on the process of care.

ADPIE observation: Observe DHYG 381 students providing client care:

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

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

Evaluation and chart audit:

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

1. Evaluate the expected outcomes of client care with assistance from instructor.
2. Complete audit process of clients chart with the assistance from instructor.

Concepts for instrument sharpening demo and practice

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

1. Assess instruments to determine if sharpening is required.
2. Utilize armamentaria to support sharp instruments.
3. Effectively demonstrate the moving stone technique for sharpening instruments.
4. Evaluate the outcome of the sharpening approach.
5. Recognize when instruments need to be replaced.

Instrument practice including files and sharpening practice

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

1. Practice as a professional in a clinical setting with guidance.
2. Assess strategies that support balanced positioning.
3. Select instruments based on their design parameters to best achieve planned outcomes.
4. Adapt and activate instruments in balanced, safe and atraumatic manner.
5. Provide evidence-informed rationales for the selection and adaptation of instruments.
6. Evaluate balanced positioning and instrumentation approaches of peers.

7. Assess instruments for original design characteristics and sharpness.
8. Compare and contrast methods for sharpening instruments.
9. Sharpen instruments if indicated.
10. Make recommendations about tip or instrument replacement.
11. Provide evidence-informed rationale for decisions made and actions taken.

Stain removal using a slow speed hand piece

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

1. Practice as a professional in a clinical setting with guidance.
2. Analyze client data to support stain removal with a slow speed hand-piece.
3. Provide client with evidence based information about the use of abrasives to remove stain.
4. Gain informed consent in simulation as applicable.
5. Prepare armamentarium for procedure.
6. Adapt hand-piece and attachment to provide atraumatic and safe care.
7. Evaluate outcomes of stain removal.
8. Document intervention in medicolegal and ethical manner based on Camosun protocols.
9. Provide evidence based rationale for actions taken during simulation exercise.

Fluoride application: tray and fluoride varnish

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

1. Practice as a professional in a clinical setting with guidance.
2. Postulate possible rationales for fluoride therapy in relationship to client data.
3. Assemble armamentarium for fluoride intervention.
4. Prepare for fluoride application.
5. Apply fluoride based on manufacturer's protocols.
6. Evaluate effectiveness of procedure.
7. Explain how the outcome would be evaluated in a client context.
8. Document intervention in medicolegal and ethical manner based on Camosun protocols.
9. Provide evidence based rationale for actions taken during practice.

Dentinal Hypersensitivity

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

1. Practice as a professional in a clinical setting with guidance.
2. Postulate possible rationales for sensitive teeth in relationship to client data.
3. Assemble armamentarium for desensitizing intervention.
4. Prepare intra oral sit for desensitizing product.
5. Apply agent based on manufacturer's protocols.
6. Evaluate effectiveness of procedure.
7. Explain how the outcome would be evaluated in a client context.
8. Document intervention in medicolegal and ethical manner based on Camosun protocols.
9. Provide evidence based rationale for actions taken during simulation exercise.

Ultrasonic instrumentation:

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

1. Practice as a professional in a clinical setting with guidance.
2. Prepare ultrasonic unit for client care.

3. Assess student assessment data for precautions and contraindications for the use of ultrasonic instruments.
4. Simulate basic adaptation of ultrasonic instrument working with student partners in a simulation setting.
5. Manage client comfort during ultrasonic instrumentation.
6. Evaluate adaptation strategies to promote client safety and operator balanced positioning.
7. Document intervention in medicolegal and ethical manner based on Camosun protocols.
8. Provide evidence based rationales for positions taken.

Client Clinics

Upon completion of these sessions you need to be able to:

1. Practice as a professional in a clinical setting with guidance.
2. Integrate the ADPIE process to provide basic dental hygiene services for clients with guidance.
3. Provide basic dental hygiene services for clients with guidance.
4. Manage the practice environment to support safe and positive oral health outcomes.
5. Participate as an active team member to support client care.
6. Document services in medicolegal and ethical manner based on Camosun protocols.
7. Self-assess dental hygiene services provided using instructor and peer input.
8. Provide feedback to peers about their dental hygiene services.

Radiography sessions

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

1. Apply concepts related to safety code 30 (dental radiographic safety requirements).
2. Discuss the use of dental radiographs during the planning and implementation phases of dental hygiene care.
3. Identify the number and types of radiographs needed for individual clients and documentation required.
4. Describe contraindications for radiographic exposure of clients.
5. Apply procedures for obtaining radiographs using the appropriate techniques while ensuring to follow infection control guidelines.
6. Problem-solve difficulties with dental radiographs, including placement of intraoral radiographs.
7. Record exposures to meet medicolegal requirements.
8. Recall knowledge of processing, mounting and interpretation – see course objectives from DHYG 231.
9. Apply processing protocols and dark room quality assurance procedures.
10. Discuss characteristics of radiographs that make them diagnostically acceptable and unacceptable.
11. Problem-solve difficulties in processing, sorting and mounting radiographs.
12. Identify artifacts and normal anatomic landmarks on exposed radiographs.

MADH visit from Japan

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

1. Effectively interact with international dental hygiene students in a clinical environment.
2. Demonstrate various procedures related to ADPIE.

ATTENDANCE AND CLINIC EXPECTATIONS:

Attendance is required for all scheduled clinics and rotations. Follow up may include:

- **Notification if away:** Students who are absent due to health or other emergency reasons are to notify the respective DH2 or DH3 lead clinic instructor, their Clinic Advisor and the Instructional Assistant (reception) first thing in the morning by phone or email.
- The lead instructor may request a physician's note for any clinical absences
- Students may be assigned additional clinic duties to complete the required number of clinical hours or skills needed to meet course outcomes; however, make-up clinic time is not assured
- **Students must come prepared to all clinical sessions.** If students are demonstrating otherwise or are a risk to themselves, peers, or clients, they will be asked to leave the clinic floor. Coming prepared to clinic entails that necessary pre-reads are completed, department is appropriate for the clinical situation, and all clinic policies are adhered to.

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)

- Students must meet all course learning outcomes.
- Satisfactory completion of journaling questions as posted on D2L.
- Successful completion of all formative and summative clinical evaluations by the end of week 15.
- Demonstration of clinical competency consistently after week 8 (ex. Minimal errors during assessment checks, minimal detectable deposits at debridement checks, etc. completing tasks in a timely manner, demonstrate consistent professionalism, etc.).
- Accurate and thorough tracking and documentation (including instructor signatures).
- Each scheduled clinic requires a completed day sheet (including student absences).
- Completion of all client requirements.

6. Grading System

Standard Grading System (GPA)

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.

A. 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:

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- | 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. |

12. 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. |