



CAMOSUN COLLEGE

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

DHYG 371 Clinical Practice 3 Fall 2019

COURSE OUTLINE

The course description is available on the web:
<http://camosun.ca/learn/calendar/current/web/dhyg.html#dhyg371>

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** Tika Brown
- (b) **Office hours** Posted on Office Door
- (c) **Location** D003
- (d) **Phone** 250 370 3911 **Alternative:** N/A
- (e) **E-mail** brownt@camosun.bc.ca
- (f) **Website** N/A

2. Course Description & Intended Learning Outcomes

This course builds on DHYG 281 with a focus on applying clinical theory to clinical practice with clients of a variety of ages and increased complexity. Students provide dental hygiene services in the onsite clinic assuming increasing responsibility while being mentored.

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

- a) practice professionally in a clinical setting.
- b) apply evidenced-based practice, critical thinking and problem-solving skills in working with clients and the oral health care team.
- c) demonstrate consistent and effective written, oral and expressive communication skills in dental hygiene practice.
- d) consistently demonstrate practices that ensure health, safety, and well-being of self and others within the broader clinical setting.
- e) provide dental hygiene services for clients with increasingly complex oral and general health conditions, integrating behavioral, biological and dental sciences.
- f) apply knowledge of health promotion principles to individual client care.

3. Required Materials

- a) 2019/20 Dental Hygiene Clinic Manual
- b) Dental Programs Safety Manual
- c) Health History Manual
- d) Reception Handbook

4. Course Content and Schedule

Schedule: Posted on D2L
15 hours per week for 14 weeks
Content:

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, deportment 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.

A. FORMATIVE EVALUATIONS: Students must be familiar with the criteria outlined on each skill form for which they are being evaluated. **See the corresponding Skills Forms, in Section E of the 2019-20 Clinic Manual for the complete performance indicators and criteria specific to each formative. This identifies evaluation criteria for each formative.**

1. Instrument Review: Teaching clinic – September 4, 2019

- a. Obtain the Instrument Review Form.

- b. Assess instruments to determine the need for replacement.
- c. Review and confirm with instructor the need for replacement; document on Instrument Review Form.
- d. Replace instruments so that two complete sets are ready for use in clinic **by Sept 18, 2019.**
- e. Instructor must sign off Instrument Review Form to confirm that instrument sets are complete and all instruments are in safe, working condition.

2. Pre-Client Instrumentation Evaluation: Completed by September 18, 2019 (Teaching Clinic)
(note that students must satisfactorily complete this evaluation prior to moving to client care)

- a. The goal of this evaluation is to assess the student's skill and understanding of the principles of basic instrumentation including grasp, fulcrum, adaptation, activation, angulation, sequencing, client/operator positioning and ergonomics.
- b. Students are expected to choose the appropriate instrument and identify the correct working end without looking at the numbers printed on the instrument and provide rationale for its use in specific areas.
- c. Appropriate mirror use will be evaluated including retraction, trans-illumination, and indirect vision
- d. Student partners and evaluation times will be assigned during the teaching clinic. If the instructor determines that additional coaching is required to ensure the student is demonstrating minimum competency, coaching will be arranged prior to re-evaluation in a subsequent teaching clinic.

3. Magnetostrictive Power Scaling Using Standard & Slimline S/R/L tips: Due: September 26, 2019 (Teaching Clinic)

- a. Students will demonstrate the correct set-up of the Cavitron Magnetostrictive units
- b. Students will demonstrate correct protocol for client comfort, safety and aerosol reduction
- c. Process evaluation on a peer
- d. Students will select and demonstrate use of each instrument tip appropriate to the clinical situation, including power selection and water volume
- e. Students will demonstrate adequate water control using high volume evacuation
- f. Students will answer questions and problem-solve issues regarding power instrumentation demonstrating integration of theory into practice
- g. Students will demonstrate skills in a reasonable timeframe determined by the instructor in collaboration with the student.

4. Fissure Sealants: Due October 10, 2019

- a. Students will demonstrate appropriate tooth selection for placement of a pit and fissure sealant.
- b. Students will demonstrate correct armamentarium set-up to place a fissure sealant.
- c. Students will demonstrate appropriate preparation, isolation, conditioning, placement, evaluation and adjustment as needed for light-cured sealant material and glass ionomer.
- d. Students will demonstrate correct protocol for client comfort and safety during sealant placement.
- e. Students will problem solve issues with sealant placement demonstrating integration of theory into practice
- f. Students will demonstrate skills in a reasonable timeframe determined by the instructor in collaboration with the student.
- g. Process and product will be evaluated on a manikin and/or peer.

5. Local Anesthetic: Due, October 18, 2019

- a. Student will provide injections to designated student partner in teaching clinic.
- b. Students will demonstrate the PSA, MSA, ASA, IO, GP, IANB, LB, INB, NP, GG and infiltration injections
- c. Students will be evaluated on client management, organization and safety in preparation and during injections.

6. Sports Guard (Teaching Clinic): Due December 6, 2019

- a. Students will acquire an impression adequate for sports guard fabrication.
- b. Students will pour and horseshoe trim to specifications required for a working model.
- c. Students will fabricate and deliver an acceptable sports guard.

7. Whitening Tray (Teaching Clinic): Due December 6, 2019

- a. Students will further trim their sports guard model or create a new model appropriate for fabrication of a bleaching tray
- b. Students will fabricate and deliver an acceptable maxillary and mandibular bleaching tray.

8. Margination, Air-powder polishing, Subgingival irrigation, Pulp-vitality testing, Margination and Amalgam Polishing and Finishing (Teaching Clinic): Due: November 18, 2018

- a. Students will practice margination using burrs, finishing strips and discs on a manikin
- b. Students will practice polishing and finishing amalgams on a manikin
- c. Students will demonstrate set-up and use of an air-powder polisher on a manikin.
- d. Students will demonstrate professional subgingival irrigation on a manikin
- e. Students will demonstrate the use of an electric pulp tester, Tooth Sleuth[®], and ice on a manikin or peer.

9. IRM Restoration, Rubber Dam Placement and Instrument Transfer (Teaching Clinic with CDA students): Due November 29, 2019

- a. Students will place a rubber dam on a manikin.
- b. Students will use an appropriate isolation technique for placement of a temporary restoration.
- c. Students will place an IRM class II restoration on a manikin.
- d. Students will practice four handed dentistry through instrument transfer techniques.

B. SUMMATIVE EVALUATIONS: Students must be familiar with the criteria outlined on each skill form for which they are being evaluated. **See the corresponding Skills Forms, in Section E of the 2019-20 Clinic Manual for the complete performance indicators and criteria specific to each formative. This identifies evaluation criteria for each summative.**

1. 30 Minute Manual Debridement of Sextant 5 (Process and Product): Due October 18, 2019

- a. 30 minutes in length.
- b. Use of manual instruments only.
- c. Evaluation of fundamental instrumentation principles, including instrument sharpness, and instrument selection in Sextant 5 with light to moderate deposit
- d. Product evaluation on a minimum of 3 teeth. Process will also be observed and evaluated.

2. Sealant on a Peer (Process and Product): Due October 18, 2019

- a. Evaluation of appropriate preparation, isolation, conditioning, placement, evaluation and adjustment (as needed) for a light-cured sealant on a peer.
- b. Preparation, organization, and client comfort, will be evaluated.
- c. See the corresponding skill form for complete performance indicators and criteria for evaluation.

3. Blended Debridement Evaluation (Piezo) on a Quadrant (Process and Product): Due November 8, 2019

- a. 60 minutes in length
- b. Use of piezo power scaler and manual instruments.

- c. Mild to moderate tissue inflammation.
- d. Moderate detectable subgingival deposit on 5-6 teeth; supragingival deposit may or may not be present
- e. Minimum of two posterior teeth, including a molar
- f. Pocket depths should not be greater than 6 mm
- g. Student must identify suitability of client selection prior to initiating debridement.
- h. Process for manual and piezo instruments must be observed for a minimum of 15 minute during the evaluation (it is a shared responsibility between the student and instructor to ensure process is observed as required).
- i. Product will be evaluated at the end of 60 minutes.
- j. Equipment set-up, efficient sequence, power and water levels, evacuation, tip and instrument selection will be evaluated.
- k. See the corresponding skill form for complete performance indicators and criteria for evaluation.

4. Blended Debridement (Magnetostrictive) on a Quadrant (Process and Product): Due Nov 25, 2019

- a. 60 minutes in length
- b. Use of magnetostrictive power scaler and manual instruments.
- c. Mild to moderate tissue inflammation.
- d. Moderate detectable subgingival deposit on 5-6 teeth; supragingival deposit may or may not be present
- e. Minimum of two posterior teeth, including a molar
- f. Pocket depths should not be greater than 6 mm
- g. Student must identify suitability of client selection prior to initiating debridement.
- h. Process for manual and magnetostrictive instruments must be observed for a minimum of 15 minutes during the evaluation (it is a shared responsibility between the student and instructor to ensure process is observed as required).
- i. Product will be evaluated at the end of 60 minutes.
- j. Equipment set-up, efficient sequence, power and water levels, evacuation, tip and instrument selection will be evaluated.
- k. See the corresponding skill form for complete performance indicators and criteria for evaluation.

5. Full Mouth Series on a Client: Due December 6, 2019

- a. Full mouth series (min 12 films) on a client with minimal assistance during radiography lab clinic
- b. Survey will be mounted, evaluated, interpreted and submitted to an instructor
- c. See the corresponding skill form for complete performance indicators and criteria for evaluation.

6. Reception, CA, Rad CA/Peer Observer and Screener Duties

- a. Students will attend review sessions for reception and dispensary in preparation for rotations.
- b. Students will be evaluated during rotations in reception, screening and dispensary during both teaching and client clinics.
- c. Inconsistent or not competent ("N") marks will result in the student repeating the unsatisfactory rotation during a scheduled client clinic.
- d. See the corresponding skill form for complete performance indicators and criteria for evaluation.

C. YEAR LONG REQUIREMENTS: Students must be familiar with the criteria outlined on each skill form for which they are being evaluated; skill forms must be available to the instructor during evaluation.

1. Radiographs

- a. Minimum of 45 competent radiographs of various exposure types (BW, PA, panorex)

2. Local Anesthetic

- a. Minimum of 20 competent injections, including PSA, IO, ASA, NP, GP, Inf. IANB or GG, LB, INC.
- b. First 10 injections will be coached
- c. Subsequent 10 injections must be performed independently.

3. Salivary Flow Test on an Eligible Client

- a. Students will select an appropriate client to perform this test
- b. Students will obtain the sample and assesses the result
- c. Discussion of results with client and documentation will be evaluated.
- d. See the corresponding skill form for complete performance indicators and criteria for evaluation.

4. Desensitization

- a. Student accurately identifies area requiring desensitization
- b. Student selects appropriate equipment and materials for desensitization
- c. Student satisfactorily applies agent in accordance with manufacturer's directions.
- d. Student provides appropriate post-care instructions to client
- e. See the corresponding skill form for complete performance indicators and criteria for evaluation.

5. Subgingival Irrigation

- a. Student will determine areas appropriate for subgingival irrigation
- b. Student will use appropriate armamentarium, agent and method of delivery
- c. Student will evaluate tissue response after delivery
- d. See the corresponding skill form for complete performance indicators and criteria for evaluation.

6. Sealants

- a. Must be completed on eligible child clients up to the age of 15
- b. An instructor must approve the tooth to be sealed in advance
- c. Students must place the sealant independently (minimal assistance may be offered by the instructor as warranted).
- d. Acceptable sequence must be demonstrated.
- e. See the corresponding skill form for complete performance indicators and criteria for evaluation.

7. Whitening

- a. Student will select an appropriate client and include process in care plan
- b. Student must take a suitable impression and fabricate a model appropriate for tray construction
- c. Student must determine starting shade and discuss process and expectations with the client
- d. Student must select the appropriate whitening agent and discuss its use
- e. Student must discuss and manage sensitivity before and during the procedure
- f. Student must evaluate and document the whitening process
- g. Student will advise client of cost for whitening services (additional \$75.00).

8. Fluorescent Visualization (Velscope™)

- a. Students will identify normal versus abnormal tissue using the Velscope.
- b. Students will re-examine areas of concern using white light and use clinical judgement regarding the best course of action.

- c. Students will identify tissue needing further investigation.
- d. Students will document use and all findings of Velscope in the treatment record.

9. Tobacco/Smoking/Vaping Counselling

- a. Students will assesses client's own perception and values regarding tobacco/product use.
- b. Students will accurately assess degree of dependency on tobacco or products based on Tobacco Use History.
- c. Students will determine stage of readiness to change.
- d. Students will follow up to stage of readiness to change (if applicable).
- e. Students will use the 5 A's approach to counselling.

10. 3-Day Nutritional Counselling

- a. Students will identify a client for whom a 3-day diet assessment is warranted.
- b. Student will provide appropriate nutrition counselling based on a 3-day diet assessment that addresses caries risk and systemic health, suggesting changes for health promotion in accordance with Canada's Food Guide.

11. Toluidine Blue

- a. Students will identify the need for further testing with Toluidine Blue
- b. Students will correctly perform the Toluidine Blue test
- c. Students will document use and all findings in the treatment record
- d. Students will identify the need for referrals

12. TMJ Assessment

- a. Students will accurately identify the need to perform a TMJ assessment
- b. Students will correctly perform the TMJ assessment and document findings using the assessment form
- c. Students will identify the need for referrals

13. Adjunctive Caries Detection Assessment

- a. Students will accurately identify the need to perform an adjunctive caries detection assessment
- b. Students will correctly perform the adjunctive caries detection assessment and document findings in the treatment record
- c. Students will identify the need for referrals

5. Basis of Student Assessment (Weighting)

Students must satisfactorily meet all learning outcomes for this clinical course as outlined in Section A: Grading, in the 2019/20 Dental Hygiene Clinic Manual. Students must also satisfactorily complete scheduled summatives, formatives, and client care requirements as outlined in the Summary of Clinical Evaluation Document housed on D2L.

6. Grading System

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

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

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.

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#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.