



CAMOSUN COLLEGE

School of Health and Human Services (HHS)

Department: Dental Programs



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

DENA 120 Applied Dental Sciences 1

Fall 2019

COURSE OUTLINE

The course description is available on the web:
<http://camosun.ca/learn/calendar/current/web/dena.html#dena120>

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** Sandra Woodrow
- (b) **Office hours** By appointment
- (c) **Location** D002
- (d) **Phone** 250-370-3188 **Alternative:** [Click or tap here to enter text.](#)
- (e) **E-mail** woodrows@camosun.bc.ca
- (f) **Website** <http://camosun.ca/learn/school/health-human-services/faculty/dental/woodrow.html>

2. Course Description & Intended Learning Outcomes

Students will develop a basic understanding of anatomy, physiology and radiography for application in dental assisting practice. Learners will apply knowledge of head and neck anatomy, body systems, nerve innervation, tooth morphology, supporting structures, and common anomalies of the teeth in preparation for practice in the clinical setting.

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

- identify and explain the dentition, associated anatomical landmarks, supporting structures, occlusion, anomalies and pathology for dental assisting practice.
- apply knowledge of the anatomical and physiological structures of the head, neck, and oral cavity to dental assisting practice.
- explain basic concepts of radiation to support clients in making educated decisions on radiographic recommendations.
- describe and recognize radiographic techniques and imaging equipment for appropriate application in the clinical setting.
- explain safe radiation practices as they pertain to the protection of both the dental team and clients.

3. Required Materials

- (a) Modern Dental Assisting, Bird, Doni L., and Debbie S. Robinson. 12th edition. Elsevier Saunders, St. Louis, Missouri 2018
- (b) Modern Dental Assisting Student Workbook (12th ed.). St. Louis, Missouri: Elsevier. Bird, D. L., & Robinson D. S. (2018).
- (c) Dental radiography, principles and techniques (5th ed,). St. Louis, Missouri: Saunders Elsevier, Iannucci, J. M. & Howerton, L. J. (2017).
- (d) *Intraoral Preventive Procedures and Practicum*. Wilkins, *Selected chapters from Clinical Practice of the Dental Hygienist, (12th ed.)* E.M., Wyche, & C.J., Boyd, L.D. (2016). Philadelphia, PA: Wolters Kluwer.
- (e) Course Pack
 - Dentoform
 - Student Kit
 - Clinic Manuals

4. Course Content and Schedule

Credits	3.0
Number of Weeks	15
Total hours/week	3
Total hours	45
Theory/lab-clinic/seminar/practicum hours per week	3/0/0/0
Days/hours	Wed 3:00 – 4:20 pm & Thurs 10:30 – 11:50 am
Course content	<p>Students will develop a basic understanding of anatomy, physiology and radiography for application in dental assisting practice. Learners will apply knowledge of head and neck anatomy, body systems, nerve innervation, tooth morphology, supporting structures, and common anomalies of the teeth in preparation for practice in the clinical setting.</p> <p>Unit 1 - Dental Anatomy, Physiology and Anomalies Unit 2 - Oral Anatomy and Physiology Unit 3 - Dental Radiography I</p>
Weekly schedule	Refer to D2L

5. Basis of Student Assessment (Weighting)

Assignment - Unit 3 - Rad	5%
Quizzes	15%
Exams: Unit 1 Exam	25%

Unit 2 Exam	25%
Final Exam (all units)	30%

6. Grading System

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

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

This information will be provided at the beginning of the semester.

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.