



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

**DENA 121**  
**Applied Dental Sciences II**  
**Winter 2017**  
**COURSE OUTLINE**

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The Approved Course Description is available on the web @	
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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

(a) Instructor	Marci
(b) Office hours	By appointment
(c) Location	Dental Building 006
(d) Phone	250-370-3188 <b>Alternative:</b> _____
(e) E-mail	simst@camosun.bc.ca
(f) Website	On D2L site

### 2. Intended Learning Outcomes

#### LEARNING OUTCOMES

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

1. Identify and describe etiology, diagnosis, and treatment of select oral pathology findings
  - a. Describe concepts of disease and body reaction to injury
  - b. Differentiate normal from abnormal oral tissues
2. Apply knowledge of radiography interpret quality imaging in dental assisting practice
3. Describe intro oral and extra oral radiographic techniques and the management of clients to achieve a quality image
4. Use knowledge of radiographic imaging to analyze image quality and image findings,
  - a. Identify radiographic errors
  - b. Identify normal anatomical landmarks
  - c. Discuss quality control in radiography
  - d. Describe findings of radiographic images

5. Describe basic pharmacology concepts and agents used in dentistry as they relate to the scope of dental assisting practice
  - a. Describe the action of drugs used in dentistry including drugs that may affect client treatment.
  - b. Describe the dental assistant's responsibilities regarding pharmacological agents utilized in the dental office
6. Describe the role of nutrition as it relate to oral health
  - a. Describe the role of nutrition using Canada's food guide for clients with specific dental conditions
  - b. Describe the role of nutrition in the prevention of dental caries and other diseases

### **PROPOSED LEARNING EXPERIENCES**

1. Lecture
2. Discussion
3. Assigned readings
4. Quizzes
5. Slides and slide tape series
6. Diet evaluations

### **3. Required Materials**

#### (a) Texts

Modern Dental Assisting, Bird, Doni L., and Debbie S. Robinson. 11<sup>th</sup> edition. Elsevier Saunders, St. Louis, Missouri 2015.

Clinical Practice of the Dental Hygienist. Wilkins, E.M., Lippincott, Williams and Wilkins, 11<sup>th</sup> Edition, 2013.

Dental Radiography, Principles and Techniques, 4th ed., Iannucci, Joen M. & Howerton, Laura Jansen. Saunders Elsevier, St. Louis, Missouri 2012.

#### (b) Other

DENA 121 Radiography Manual (handout)

### **4. Course Content and Schedule**

#### **Calendar Description**

This course introduces students to oral pathology, basic concepts of pharmacology, and nutrition within the scope of dental assisting practice and client care. Radiography knowledge and skills related to client care and management are further developed.

## **COURSE CONTENT**

Unit 1 – Oral Pathology

Unit 2 – Dental Radiography II

Unit 3 – Pharmacology

Unit 4 – Nutrition

### **Pre-requisites**

DENA 120

### **Co-requisites**

### **Pre/Co-requisites**

### **Course Particulars**

(a) Credits        3.0

(b) Components

class 2.5 hrs; lab 0; seminar 0; practicum 0 hrs; out of class;  
0 other: community outreach

(c) Is the course available by distributed education? No

(d) Contact Hours

(Refer to CDA Program Winter 2016 Timetable for DENA 121 schedule)

Hours per week 2.5 hrs; # of weeks 17; Total contact hours 42.5 hrs\*

\* Additional hours of related clinic practice (lab / seminar) are taught in DENA 151

(Note: does not include final examination week)

(e) Is prior learning assessment available for this course? No

## 5. Basis of Student Assessment (Weighting)

### EVALUATION

	<u>Percentage of Semester Grade</u>
Rad Exam (Unit 2)	15%
Quiz & assignment	7%
Nutrition Exam (Unit 4)	15%
Quiz & assignment	7%
Oral Pathology Exam (Unit 1)	15%
Quiz & assignment	6%
Pharmacology Unit 3 Quiz & assignment	5%
Final Exam (Units 1 – 4)	30%
Final exam will consist of the following:	
Units 1, 2 & 4	= 40%
Unit 3	= 60%

## 6. Grading System

*The minimum grade for successful completion of DENA 121 is B-or 70%.*

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

<http://www.camosun.bc.ca/policies/policies.php>

### A. 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>Minimum Passing Grade for DENA 121 (70%)</b>	4
65-69	C+		3
60-64	C		2
50-59	D		1
0-49	F		0

## 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> 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/policies.html>