



Patient Care Procedures – DENT 143

Certified Dental Assisting Program

Course Outline

COURSE IMPLEMENTATION DATE: Pre 1998
OUTLINE EFFECTIVE DATE: September 2023
COURSE OUTLINE REVIEW DATE: April 2028

GENERAL COURSE DESCRIPTION:

This course covers a variety of procedures that a Certified Dental Assistant needs to perform to provide intraoral and preventive care for patients. These skills include pulp vitality testing, the placement of treatment liners and varnish in teeth without pulpal involvement, and the application of primer and bond. Students will also learn patient care procedures such as alginate impressions, tooth whitening concepts and the fabrication of tooth whitening trays and mouthguards. Coronal polishing is focused on as an essential part of practice for complete patient care. Students develop skills on preventative procedures including pit and fissure sealants, and the use of desensitizing agents, suture removal, retraction cord and periodontal pack removal.

Program Information: This course is required for successful completion of the Certified Dental Assisting program.

Delivery: This course is delivered face to face.

COTR Credits: 2

Hours for this course: 27

Typical Structure of Instructional Hours:

Instructional Activity	Duration
Lecture Hours	27
Seminars / Tutorials	
Laboratory / Clinical Hours	95*
Practicum / Field Experience Hours	
Other Contact Hours	
Total	122
*Refer to DENT 154 Course Outline	

Practicum Hours (if applicable):

Type of Practicum	Duration
On-the-job Experience	N/A
Formal Work Experience	N/A
Other	N/A
Total	

Course Outline Author or Contact:

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CDA Program Coordinator

Signature

APPROVAL SIGNATURES:

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Department Head Signature

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EDCO

Valid from: September 2023 – April 2028

Education Council Approval Date

COURSE PREREQUISITES AND TRANSFER CREDIT:

Prerequisites: DENT: 100, 130, 131, 132, 133, 134, 135, 136, 137, 140, 142,
Part 1 of DENT 154 and DENT PRAC #1.

Corequisites: None

Flexible Assessment (FA):

Credit can be awarded for this course through FA

Yes

No

Transfer Credit: For transfer information within British Columbia, Alberta and other institutions,
please visit <http://www.cotr.bc.ca/Transfer>.

Students should also contact an academic advisor at the institution where they
want transfer credit.

Prior Course Number: N/A

Textbooks and Required Resources:

Textbook selection varies by instructor and may change from year to year. At the Course Outline Effective Date the following textbooks were in use:

Elsevier Saunders (Bird and Robinson, *Modern Dental Assisting*, 13th Edition,
ISBN 978-0-323-62485-5

Elsevier Saunders (Boyd), *Dental Instruments: A Pocket Guide*, 7th Edition,
ISBN 978-0-323-62743-6

DENT 143 Module

*Please see the instructor's syllabus or check COTR's online text calculator
<https://textbook.cotr.bc.ca/> for a complete list of the currently required textbooks.*

LEARNING OUTCOMES:

Upon the successful completion of this course, students will be able to

- approach client care with a respect for the culture, traditions, and protocols of clients;
 - describe and demonstrate the techniques for doing pulp vitality testing;
 - explain the requirements and need for the taking of alginate impressions;
 - develop the technique for taking alginate impressions;
 - perform acid etch process cavity preparations;
 - develop the technique for correct matrix and wedge placement and removal;
 - describe and demonstrate the principles of coronal polishing techniques;
 - describe and demonstrate application and adjustment of pit and fissure sealants;
 - describe and demonstrate desensitizing techniques;
 - demonstrate the technique for suture and periodontal dressing removal;
 - describe and demonstrate the techniques for the placement of treatment liners and varnish in teeth without pulpal involvement;
 - describe and demonstrate remove retraction cord;
 - describe and demonstrate apply primer and bond to the cavity preparation; and
 - define the concepts of tooth whitening.
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COURSE TOPICS:

- Diagnostic Procedures
 - Restorative Procedures
 - Coronal Polishing
 - Preventive Procedures
 - Post-surgical Procedures
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EVALUATION AND ASSESSMENT:

Assignments		% Of Total Grade
Quizzes, Worksheets and Assignments		25%
Case Studies		25%
Final Exams	Units 1, 5 and 6	25%
	Units 2, 3 and 4	<u>25%</u>
Total		100%

Please see the CDA Program Student Handbook for specific policies related to this course.

CLINICAL:

Elements of DENT 143, particularly course learning outcomes #1-14, correspond to DENT 154 practical objectives:

- Test Pulp Vitality
- Take Diagnostic Alginate Impressions
- Acid Etch Prepared Cavities
- Place and Remove Matrices and Wedges
- Apply Primer and Bond
- Polish Clinical Crowns
- Apply and Adjust Pit and Fissure Sealants
- Apply Desensitizing Agents
- Remove Sutures
- Remove Periodontal Dressings
- Place Liners in Teeth without Pulpal Involvement
- Remove Retraction Cord
- Fabricate Custom Whitening Trays

EXAM POLICY:

Students must attend all required scheduled exams that make up a final grade at the appointed time and place.

Individual instructors may accommodate for illness or personal crisis. Additional accommodation will not be made unless a written request is sent to and approved by the appropriate Department Head prior to the scheduled exam.

Any student who misses a scheduled exam without approval will be given a grade of "0" for the exam.

COURSE GRADE:

Course grades are assigned as follows:

Grade	A+	A	A-	B+	B	B-	F
Mark (Percent)	≥ 95	94-90	89-85	84-80	79-75	74-70	< 70

Students must achieve an overall grade of 70% to pass this course.

ACADEMIC POLICIES:

See www.cotr.bc.ca/policies for general college policies related to course activities, including grade appeals, cheating and plagiarism.

COURSE CHANGES:

Information contained in course outlines is correct at the time of publication. Content of the courses is revised on an ongoing basis to ensure relevance to changing educational, employment and marketing needs. The instructor will endeavour to provide notice of changes to students as soon as possible. The instructor reserves the right to add or delete material from courses.