



## DENT-143 – Patient Care Procedures

Health and Human Services

**Effective Term & Year:** Fall 2022

**Course Outline Review Date:** 2024-04-01

**Program Area:** Health

### 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 Methods:** On-campus (Face-to-Face)

**Credit Type:** College of the Rockies Credits

**Credits:** 2

### Instructional Activity and Hours:

Activity	Hours
Classroom, Directed Studies or Online Instruction	27
Seminar/Tutorials	
Laboratory/Studio	

Practicum/Field Experience	
Co-op/Work Experience	
Other	
<b>Total</b>	<b>27</b>

**Course Requisites:**

- Complete all of the following
  - Completed the following:
    - DENT100 – Introduction to Dental Assisting (3)
    - DENT130 – Microbiology and Infection Control (2)
    - DENT131 – Basic Dental Assisting (2)
    - DENT132 – Patient Assessment (4)
    - DENT134 – Preventive Dentistry (3)
    - DENT135 – Dental Radiography (3)
    - DENT136 – Restorative Assisting (3)
    - DENT137 – Laboratory Procedures (2)
    - DENT140 – Dental Specialties (3)
    - DENT141 – Community Dental Health (3)
    - DENT143 – Patient Care Procedures (2)
  - Part 1 of DENT 154 and DENT PRAC #1

**Flexible Assessment:** No

**Course Transfer Credit:**

For information about receiving transfer credit for courses taken at other BC institutions, please see <http://www.bctransferguide.ca>. All requests for course transfer credit from institutions in BC or elsewhere should go to the College of the Rockies Enrollment Services office.

**Textbook 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*, 12th Edition,

ISBN 978-0-323-43030-2

Elsevier Saunders (Boyd), *Dental Instruments: A Pocket Guide*, 6th Edition,

ISBN 978-0-323-47405-4

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:

- 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 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.

### Course Topics:

- Diagnostic Procedures
- Restorative Procedures
- Coronal Polishing
- Preventive Procedures
- Post-surgical Procedures

## Evaluation and Assessments

### Assessment Type: On-Campus (face-to-face)

Assessment Type	% of Total Grade
Quizzes, Worksheets and Assignments	10%

Final Exams Units 1, 5 and 6	45%
Final Exam Units 2, 3 and 4	45%
Total	100%

### Grade Scheme

A+	A	A-	B+	B	B-	C+	C	C-	D	F
>=95	94-90	89-85	84-80	79-75	74-70					<70

**Pass requirements:** Students must achieve a minimum of 70% on all final examinations and an overall grade of 70% to pass this course.

#### Evaluation Notes Comments:

**Clinical: In order to receive credit for this course, all Practical Objectives must be successfully completed**

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 Pit and Fissure Sealants

Apply Desensitizing Agents

Remove Sutures

Remove Periodontal Dressings

Place Liners in Teeth without Pulpal Involvement

Remove Retraction Cord

#### Exam Attendance:

Students must attend all scheduled exams at the appointed time and place. Instructors may approve an alternate exam to accommodate an illness or personal crisis. Department heads will consider other written requests. Any student who misses a scheduled exam without prior approval will receive a "0" on the exam.

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## Academic Policies:

College of the Rockies policies related to courses can be found at <https://cotr.bc.ca/about-us/college-policies/> and include the following:

- Policy 2.4.3 Students with Documented Disabilities
  - Policy 2.4.4 Student Conduct (plagiarism, other cheating, behavioral misconduct)
  - Policy 2.5.8 Academic Performance
  - Policy 2.5.3 Grade Appeal
  - Policy 2.4.9 Student Concerns Re Faculty
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## Course Changes:

The College of the Rockies updates course outlines regularly to meet changing educational, employment and marketing needs. The instructor will notify students in writing of any updates to this outline during the semester. The instructor reserves the right to revise, add or delete material while meeting the learning outcomes of this course outline.