



## DENT-154 – Clinical Dental Assisting Procedures

Health and Human Services

**Effective Term & Year:** Fall 2022

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

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**Program Area:** Health

### **Description:**

Section 1 of Clinical Dental Assisting Procedures concentrates on the practical objectives you have learned about in DENT 100 through DENT 142 as well as the course learning outcomes. Your time is spent in demonstration, practice and evaluation of these skills under the direct supervision of a licensed instructor. Prerequisite requirements for Section 2: completion of Section 1 of this course is required for Work Experience 1 (DENT PRAC 1). Section 2 concentrates on the practical elements of Certified Dental Assisting (CDA) that you have learned about in DENT 141 and DENT 143. This is your opportunity to apply the theory and knowledge you gained at chairside into actual practice as the operator under the direct supervision of a licensed instructor. You need to master these skills in order to be eligible to become a CDA. Completion of Section 2 of this course is required for Work Experience 2 (DENT PRAC 2).

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### **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:** 6

### **Instructional Activity and Hours:**

Activity	Hours
Classroom, Directed Studies or Online Instruction	
Seminar/Tutorials	
Laboratory/Studio	559
Practicum/Field Experience	
Co-op/Work Experience	
Other	
<b>Total</b>	<b>559</b>

### Course Requisites:

None

**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 154 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.

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## Learning Outcomes:

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

Identify, describe and practice all of the individual learning outcomes from:

- DENT 130 Dental Professionalism;
- DENT 131 Basic Dental Assisting;
- DENT 132 Patient Assessment;
- DENT 133 Dental Office Emergencies;
- DENT 134 Preventive Dentistry;
- DENT 135 Dental Radiography;
- DENT 136 Restorative Assisting;
- DENT 137 Laboratory Procedures;
- DENT 140 Dental Specialties; and
- DENT 143 Patient Care Procedures.

**You must also successfully complete all of the practical objectives listed in these individual course outlines**

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## Course Topics:

Section 1

Control Infection by Disinfection

Control Infection by Sterilization

Identification and Operation of Dental Operatory and Equipment

Position Patient and Dental Team

Apply Patient Management Skills

Assemble Armamentarium

Transfer Armamentarium

Maintain the Operating Field

Apply Interviewing Skills

Obtain Health History

Obtain Vital Signs

Apply Principles of Instrument Use

Observe Soft Tissues

Observe Dentition

Observe Periodontium

Observe Occlusion

Record Data

Manage Emergency Situations (has been incorporated with Restorative Procedures)

Promote Safety in Dentistry (has been incorporated into all pertinent clinical evaluation forms)

Individualize Patient Care

Apply Topical Fluoride

Teach Oral Self-Care

Expose Dental Radiographs

Process Dental Radiographs

Assist with Pain Control

Apply Topical Anesthetic Agents

Maintain and Operate Handpieces

Maintain Oral Evaluation Systems

Isolate the Operating Field (Cotton Products)

Assemble Armamentarium for Operative Procedures

Assemble Armamentarium for Fixed Prosthodontics Procedures

Assist with Operative Procedures

Isolate the Operating Field (Dental Dam)

Assist with Fixed Prosthodontic Procedures

Assist with Removable Prosthodontic Procedures (for reference only)

Pour Study Models

Process Study Casts

Fabricate Custom Trays

Polish Dentures (Mouth Guards)

Assemble Armamentarium for Endodontic Procedures

Assist with Endodontic Procedure

Assemble Armamentarium for Periodontal Procedures (for reference only)

Assist with Periodontal Procedures (for reference only)

Assemble Armamentarium for Surgical Procedure (Simple/complex)

Assist with Surgical Procedures (Simple/complex)

Assemble Armamentarium for Orthodontic Procedures (for reference only)

Assist with Orthodontic Procedure (for reference only)

Assist with Pediatric Dentistry (for reference only)

Section 2

Test Pulp Vitality

Take Diagnostic Alginate Impressions

Acid Etch Prepared Cavities

Place and Remove Matrices and Wedges

Polish Clinical Crowns

Apply Pit and Fissure Sealants

Apply Desensitizing Agents

Apply Primer and Bond to the Cavity Preparation

Remove Sutures

Remove Periodontal Dressings

Remove Retraction Cord

Place Liners in Teeth Without Pulpal Involvement

Fabricate Custom Whitening Tray

Fabricate Custom Mouth Guard

Clean Removable Appliances

Fabricate a Single-Unit Provisional Crown Using an Alginate Matrix

## Evaluation and Assessments

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

Assessment Type	% of Total Grade
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Clinical performance for all skills will be assessed using the following performance categories:

S = Safe, professional performance following established criteria.

U = Unacceptable performance. Is not yet competent or safe to perform skills without further practice and/or instruction. Does not meet minimum criteria.

### Grade Scheme

COM	NCG
Completed to the defined standard – 70% and higher	No credit granted – less than 70%

**Pass requirements:** None

### 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.

### 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.