



DENT-134 – Preventive Dentistry

Health and Human Services

Effective Term & Year: Fall 2026
Course Outline Review Date: 2031-04-01

Program Area: Health

Description:

This course introduces students to the basic concepts of oral self-care, and the philosophy and evolution of preventive dentistry. This course covers concepts of health and disease, with detailed information on the causes of dental disease, and how this affects the general state of health. Students learn about the major causative agents of dental disease, enabling them to play an active preventive role in teaching patients about hard and soft deposits and the patient's role in the disease fighting process. This course provides students with information on removing deposits and preventing disease through the use of devices and therapeutic agents. Students discover methods to enhance patients' learning in general and how to apply this to teaching oral self-care.

Program Information:

This course is required for the successful completion of the Dental Assistant program.

Delivery Methods: On-campus (Face-to-Face)

Credit Type: College of the Rockies Credits

Credits: 3

Instructional Activity and Hours:

Activity	Hours
Classroom, Directed Studies or Online Instruction	42

Seminar/Tutorials	
Laboratory/Studio	30 *Refer to DENT 154 Course Outline
Practicum/Field Experience	
Co-op/Work Experience	
Other	
Total	72

Course Requisites:

None

Prior Learning and Recognition: No

Course Transfer Credit:

For information about receiving transfer credit for courses taken at either British Columbia or Alberta institutions, please see <https://www.bctransferguide.ca/> or <https://transferalberta.alberta.ca> . For more transfer credit information, please visit <https://www.cotr.bc.ca/Transfer>

All requests for course transfer credit from institutions in British Columbia or elsewhere should go to the College of the Rockies Enrolment 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:

Robinson, D.S. (2024). *Modern dental assisting* (14th ed.). Elsevier.

Bartolomucci Boyd, L.R. (2024). *Dental instruments: A pocket guide* (8th ed.). Elsevier.

DENT 134 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

- identify Indigenous connection to community outside of the classroom;
- identify, locate and describe the periodontium;
- summarize the causes and effects of dental disease;
- explain to patients methods for the prevention of dental disease; and
- present and teach preventive dental care.

Course Topics:

- Concepts of Preventive Dentistry
- Concepts of Health and Disease
- Periodontal Disease
- Observe Periodontium
- Hard and Soft Deposits
- Dental Diseases
- Oral Self-care Devices
- Therapeutic Agents
- Fluoride Therapy
- Patient Learning
- Teaching Oral Self-care

Evaluation and Assessments

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

Assessment Type	% of Total Grade
Quizzes, Worksheets and Assignments	15%
Units 1 and 2	15%
Unit 3 and 4	15%
Units 5 and 6	15%
Research Assignment Unit 7	10%
Units 8, 9, 10 and 11	30%
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:

An overall average of B- (70%) or higher is required to pass this course.

Evaluation Notes Comments:**CLINICAL:**

Elements of DENT 134, particularly course learning outcomes #2-5, correspond to DENT 154 practical objectives:

- Individualize Patient Care
- Apply Topical Fluoride
- Teach Oral Self-Care
- Observe Periodontium

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 2.4.8 Academic Performance
 - Policy 2.5.3 Grade Appeal
 - Policy 2.4.9 Student Concerns Re Faculty
-

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.