

## DENTAL HYGIENE DEGREE PROGRAM

**Course Name:** Assessment and Treatment Planning for Advanced Periodontal Diseases

**Course Coordinator:** Penny Hatzimanolakis

**Course Number:** DHYG 433

**Number of Credits:** 3

**Target Audience:** This course is intended for students in the Dental Hygiene Degree Program. It is a core course for Category 2 and International degree completion options students and a recommended elective for Category 1.

**Course Format:** Online, 1 term

### Calendar Course Description:

Analysis of advanced periodontal cases to support assessment, dental hygiene diagnosis, treatment planning and evaluation of outcomes grounded in evidence.

### Program Course Description:

This course is designed to provide students with opportunities to critically evaluate literature related to oral health and periodontal disease and to apply the principles of evidence-based practice in the analysis of advanced periodontal cases.

**Prerequisite or Co-requisite:** DHYG 401, DHYG 462

### Course Goals:

- To expand theoretical knowledge and understanding of the classification, etiology and pathogenesis of inflammatory and other periodontal diseases.
- To facilitate the development of enhanced critical thinking and problem solving skills.
- To facilitate integration of expanded theoretical knowledge into the provision of oral health services.
- To facilitate the provision of interceptive, therapeutic and supportive clinical therapy that is evidence-based.
- To facilitate an understanding of the importance of research findings in oral health care.

**Learning Outcomes:**

Upon completion of this course students will have an increased ability to:

- Explain the relevance of periodontal diagnostic tools (in terms of predictive values) to the success of periodontal interventions.
- Analyze the changing perspectives on the roles of calculus, plaque biofilm and endotoxins in periodontal disease over the past several decades.
- Rank quantitative studies according to their level of evidence.
- Assess the relationships between general and oral health from an evidence based perspective.
- Evaluate the level of evidence available to support initial phase and maintenance phase therapy.
- Apply evidence-based decision making in case analysis.
- Demonstrate professionalism by taking responsibility for learning and making constructive contributions to the learning of others through course activities and assessments.

**Course Content:**

This course is delivered through the exploration of clinical cases. These case explorations include but are not limited to the following topic areas:

- Evidence-based decision making
- Ranking of quantitative studies
- Key assessment factors related to periodontal health
- Diagnosis of periodontal conditions
- Evidence-based approaches to managing periodontal disease
- Treatment planning including consultations and referral management
- Evaluation of clinical outcomes

**Method of Student Assessment:**

<b>UBC Dental Hygiene Competencies assessed include:</b>			
Professionalism	✓	Scientific Investigation	
Health Promotion	✓	Communication	✓
Oral Health Education	✓	Collaboration	✓
Oral Disease Prevention	✓	Coordination	✓
Clinical Therapy	✓	Advocacy	
Critical Thinking	✓	Policy Use	
Research Use	✓	Leadership	✓

<p><b>1. Professionalism</b> (all course related environments)</p> <p>Professionalism must be passed as outlined in all of the following documents:</p> <ul style="list-style-type: none"> <li>• "Professional Standards for Learners and Faculty Members in the Faculties of Medicine and Dentistry at the University of British Columbia", the "Code of Ethics", (2015-16 UBC Faculty of Dentistry Academic Policies and Procedures, Undergraduate Programs (DMD, IDDCP, DHDP))  <a href="http://secure.dentistry.ubc.ca/intranet/academicpoliciesandprocedures">secure.dentistry.ubc.ca/intranet/academicpoliciesandprocedures</a></li> <li>• The UBC "Student Declaration and Responsibility" statement  <a href="http://www.calendar.ubc.ca/vancouver/index.cfm?tree=3,285,0,0#15613">www.calendar.ubc.ca/vancouver/index.cfm?tree=3,285,0,0#15613</a></li> </ul> <p>a. Instructor Assessment mid-term *</p> <p>b. Instructor Assessment end of term *</p>	<b>Pass/Fail</b>
<p><b>2. Knowledge (Individual Work)</b></p> <p>a. Assignment 1: EBDM Worksheet Part A 10%</p> <p>b. Assignment 2: EBDM Worksheet Part B 10%</p> <p>c. Assignment 3: EBDM Worksheet Part C 15%</p>	<b>35%</b>
<p><b>3. Abilities (Teamwork)*</b></p> <p>a. Case 1 Analysis (30%)</p> <p>b. Case 2 Analysis (35%)</p>	<b>65%</b>
<p><b>Total</b></p>	<b>100%</b>

**\*NOTE: You will be working collaboratively in teams to complete some course assessments. If there is evidence to suggest that an individual did not contribute substantively to a team project, the grade for that person may be less than the overall team grade.**

**Student Assessments include the following 3 components:  
Professionalism, Knowledge, and Abilities**

**Each component must be passed to successfully complete the course.  
The passing grade in the Faculty of Dentistry is 60%.**

## Plagiarism

In order to support the academic integrity of the dental and dental hygiene programs by reducing opportunities for plagiarism and to ensure a level playing field for all students, faculty reserve the right to submit papers and grad theses to turnitin.com to confirm the originality of the material. Students may obtain more information on turnitin.com from the Office of the Provost and VP Academic.

Plagiarism, which is the submission of someone else's work as one's own without acknowledging the source of the material, is considered to be both academic misconduct and unprofessional, and students who plagiarize will not only receive a grade of zero on the applicable assignment, and therefore the applicable Module or Course, they may be suspended from the University or subject to other academic discipline.

When completing written assignments, students are expected to review multiple sources of information and report their findings in their own words. It is the responsibility of students to familiarize themselves with what constitutes plagiarism and how to prevent it.

Suspected incidents of plagiarism will be referred immediately to the President's Committee for Academic Misconduct. See the Policies and Regulations > Student Conduct and Discipline section of the UBC Calendar.

Resources:

<http://learningcommons.ubc.ca/guide-to-academic-integrity/>

<http://vpacademic.ubc.ca/integrity/ubc-regulation-on-plagiarism/>

<http://www.lib.sfu.ca/help/tutorials/plagiarism-tutorial>

[http://okanagan.students.ubc.ca/calendar/index.cfm?tree=3,54,111,0.](http://okanagan.students.ubc.ca/calendar/index.cfm?tree=3,54,111,0)

**Class Schedule:** Please see OSCAR for class timetable.