Course Name: Dental Hygiene Theory & Practice III

Course Coordinator: Dr. Denise Laronde

Course Number: DHYG 310

Number of Credits: 18

Target Audience: This is a core course for 3rd year students in the Entry-To-Practice option of the Dental Hygiene Degree Program.

Course Format: Classroom, clinical and community sessions, 2 terms

Calendar Course Description:

This course is designed to provide learners with the knowledge, abilities and values to provide clinical therapeutic, educational and health promotion services for individuals and groups.

Program Course Description:

Learners expand their professionalism, knowledge and abilities for clinical practice and community practice. The Dental Hygiene Process of Care Model is the basis for this course and will be supported by the best available evidence for providing dental hygiene services. Learners continue working with diverse clients in a variety of settings.

Prerequisites: Successful completion of previous year.

Course Goals:

- To further develop an understanding of the role of the dental hygienist in diverse settings.
- To foster further development of professionalism with an emphasis on providing realistic and appropriate services.
- To provide dental hygiene services for individuals and groups.
- To provide opportunities for evidence-based practice.
- To foster the integration of knowledge and theory into dental hygiene practice.
Learning Outcomes:

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

- Develop a personal philosophy of professional, legal and ethical dental hygiene practice.
- Compare and contrast concepts, theories and processes used in clinical, educational and health promotion services.
- Explain pharmacological approaches to pain control with particular emphasis on local anesthetics and possible adverse effects.
- Explain principles related to the administration of local anesthesia.
- Demonstrate adjunct intra/extraoral imaging techniques.
- Apply knowledge of radiographic interpretation to dental hygiene practice.
- Interpret client assessment data to develop a dental hygiene diagnosis and care plan.
- Provide dental hygiene services to clients in clinical and community contexts.
- Collaborate and communicate with dental and medical practitioners including dental specialists.
- Participate in the management of oral diseases and conditions.
- Integrate knowledge, skills and values from co-requisite courses into dental hygiene practice.
- Respond appropriately to simulations of medical emergency situations.
- Demonstrate professionalism in all learning contexts.
- Administers management strategies for sustaining all aspects of a Dental Hygiene Practice.

Course Content:

This course consists of 5 inter-related sections that include, but are not limited to the following topics. Each section contributes learning activities that support student development towards the achievement of overall professional competence as outlined in the UBC Dental Hygiene Degree Program (DHDP) Graduate Competencies document.

Section 1: Client Care Knowledge and Theory

Students continue their learning about the fundamentals of providing dental hygiene services in clinical and community settings.

- Social Responsibility
- Developmental Disturbances and Dental Anomalies
- Local Anesthesia (Pharmacology and Anatomical Landmarks)
- Radiographic Evaluation and Interpretation
- Emergency Drugs
- Medical Emergencies
- Nutritional Counselling
- Oral Photography
- Isolation Techniques
- Temporary Restorations
- Enamel Sealants
- Care of Cancer Patients
- Margination of Restorations
- Tooth Whitening
- Pulp Vitality Testing
Sub-Section 1A: Dental Specialties

Students begin learning about various dental specialties and the relationships with dental hygiene practice and the rationale and mechanisms for dental hygienists to refer to various specialties according to client need.

- Prosthodontics
- Periodontics
- Pediatric Dentistry

Section 2: Clinical Practice

Students continue their application of professionalism, knowledge and abilities learned previously and add new levels of learning in the care of clients.

- Provision of dental hygiene services for clients with a variety of oral health care needs in various clinical settings
- Applied Pharmacology
- Employ management skills for successful Dental Hygiene Practice. Includes effective use of information systems for client data, financial records and maintaining business principles that adhere to regulatory requirements.

Section 3: Community Practice

Students continue building their knowledge base about community practice and augment community service learning experiences.

- Competencies for Dental Public Health as well as other national and international competencies in the health sector
- History of the Canadian health care system
- Health Promotion
- Inter-professional communication
- Water fluoridation
- Health literacy
- Special care clients
- Report writing
- Pharmacology related to geriatric populations
- Children and adults with special needs
- Organizational culture and structure
- Care giver education

Section 4: Theory and Practice Integration

Students continue to participate in weekly seminars designed to facilitate integration of learning in all 3rd year courses in support of clinical practice and community practice.
Method of Student Assessment:

<table>
<thead>
<tr>
<th>UBC Dental Hygiene Competencies assessed include:</th>
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<tbody>
<tr>
<td>Professionalism</td>
</tr>
<tr>
<td>Health Promotion</td>
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<tr>
<td>Oral Health Education</td>
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<tr>
<td>Oral Disease Prevention</td>
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<tr>
<td>Clinical Therapy</td>
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<td>Critical Thinking</td>
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<td>Research Use</td>
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1. **Professionalism** (in all classroom, clinical & community environments)  
   Professionalism must be passed as outlined in all of the following documents:
   - “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))
   [secure.dentistry.ubc.ca/intranet/academicpoliciesandprocedures](secure.dentistry.ubc.ca/intranet/academicpoliciesandprocedures)
   - The UBC “Student Declaration and Responsibility” statement
   [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) Term 1: Instructor Assessment *
   b) Term 2: Instructor Assessment*
   c) IPE (Inter-professional Education) Passport***

2. **Knowledge**  
   30%
   
   a) Term 1: Written Examination (10%)
   b) Term 2: Dental Specialties Reports (5%)
   c) Term 2: Final Written Examination [Cumulative] (15%)

3. **Abilities: Clinical Practice**  
   35%
   
   a) Term 1: Clinical DH Client Services (15%)  
   b) Term 2: Clinical DH Client Services (15%)  
   c) Term 2: Case Presentation (5%)

4. **Abilities: Community Practice**  
   35%
   
   a) Term 1: Water Fluoridation Debate (Teamwork)* (10%)
   b) Term 1: Community Service Report (Teamwork)* (10%)
c) Term 2: Community Service Report and reflective journaling (Teamwork and Individual)* (10%)
d) Term 2: Special Care Presentation (5%)

Total 100%

*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.

** All clinical evaluations must be passed.

*** IPE Passport: must attend at least one IPE activity per year, a minimum of 120 pt.s required to graduate.

Student Assessments include the following 4 components:
Professionalism, Knowledge, and 2 Abilities components (Clinical Practice and Community Practice).

All 4 components 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.

Class Schedule: Please see OSCAR for class timetable.