



A. GENERAL INFORMATION:

Program:	Dental Hygiene
Course:	Introduction to Periodontics
Course Number:	111-323-AB
Day(s) and Time:	Wednesday 8:30-11:30
Classroom Number:	SE-222
Ponderation:	3-0-3
Credits:	2
Competencies:	Intermediary competencies: 00LB, 00LC, 00LD, 00LF, 00LG, 00LK, 00L9 Reinvested competency: 00LA
Prerequisite(s):	All first year Dental Hygiene courses
Semester:	Fall 2016
Teacher's Name:	Kitty Moss
Office, Telephone & Email:	SE-212, 514-457-6610 (5371), kitty.moss@johnabbott.qc.ca , MIO
Office Hours:	As posted or by appointment

B. INTRODUCTION:

Performing a thorough examination of the head and neck for each client is an important duty of a dental hygienist. During this course the student will acquire the theoretical foundation to become competent in the ability to accurately distinguish normal from abnormal oral tissues. Students will also learn to recognise the significance of a variety of periodontal conditions and their relationship to general health as well as analyse potential risk factors. They shall explore possible dental hygiene procedures, client centred care plans and documentation.

By the end of this course the student will acquire the ability to *differentiate between healthy and diseased periodontium*. This ability will be used to fully chart their clients' oral conditions when they are seen in Clinic I, II, and III. This is an intermediate step towards the mastery of competency:

00LA *Examine normal structures and functions of the head and neck. (reinvested)*

00LB *Establish connections between health history and dental hygiene treatments*

00LC *Detect oral diseases*

00LF *Establish connections between nutrition and oral health*

00LG *Develop a preventive treatment plan*

00L9 *Perform administrative tasks in relation to the job environment.*

The students will also acquire the ability to *interpret radiographs and understand the use of periodontal measuring instruments*, these are intermediary competencies to 00LD *Produce radiographs of the oral cavity* and 00LK *Perform periodontal procedures*.

A detailed profile of the course outcome is summarized in section C: Course Objectives.

This course incorporates evidence-based practice: an approach where clinical expertise is blended with the highest quality research while taking into account the client's needs and preferences. The students will use evidence-based practice in all aspects of the course.

The **Comprehensive Assessment (CA)** requires graduating students to demonstrate the integration of acquired competencies within the Dental Hygiene program. In order to graduate, the student is required to successfully complete the fifteen elements of the CA during the fifth and sixth semesters.

D. EVALUATION PLAN:

Course Assessments	Value	Ministerial Objectives
Quiz #1 Week 4	20%	1
Quiz #2 Week 8	20%	1, 2
Quiz #3 Week 12	20%	1, 2
Class Forums (weekly posts on Lea with reference to assigned journal articles or classroom discussions)*	5%	1,2,3
Bourse de la relève ** (Criteria TBA)	5%	
Final Exam (Comprehensive - during Final Exam Week)	30%	1, 2, 3

* **Class Forums** – 5 marks earned for contributing to each and every assigned Class Forum.

****Bourse de la relève:** *Cette bourse est offerte à tous les abonnés-étudiants inscrits au programme de techniques en hygiène dentaire et est remise à un étudiant de chacun des trois (3) cycles qui s'est démarqué en répondant à la question touchant son année de cours respective, tout en satisfaisant aux critères établis par les membres du Comité des bourses.* This scholarship is available to all subscribers-students enrolled in the program of dental hygiene and is presented to a student from each of the three (3) cycles which stood out in answering the question regarding his year of respective courses, while satisfying the criteria laid down by the members of the Awards Committee.

The final course competency assessment is incorporated within the theory section of course evaluation. The student will become competent in the ability *differentiate between healthy and diseased periodontium*. Furthermore, each student will be able to recognise the significance of pathological conditions as they relate to dental hygiene procedures and client centred care plans.

E. COURSE CONTENT: (tentative schedule)

Week 1 Aug. 24 th	Ch. 1 , Periodontium: The Tooth Supporting Structures, Ch. 2 , Microscopic Anatomy of the Periodontium
Week 2 Aug. 31 st	Ch. 3 , Overview of Diseases of the Periodontium, Ch. 4 , Classification of Periodontal Diseases and Conditions
Week 3 Sept. 7 th	Ch. 5 , Clinical Features of the Gingiva, Ch. 6 , Diseases of the Gingiva
Week 4 Sept. 14 th	Quiz# 1 20% (Ch. 1,2,3,4,5,6) Article reviews Ch. 19 , Clinical Periodontal Assessment.
Week 5 Sept. 21 st	Ch. 7 , Chronic Periodontitis, Ch. 8 , Aggressive Periodontitis

Week 6 Sept. 28 th	Chapter 9 , Other Periodontal Conditions, Chapter 10 , Guidelines for Periodontal Decision Making
Week 7 Oct. 5 th	Ch. 11 , Etiologic Factors: Risk for Periodontitis, 12 , Oral Biofilms and Periodontal Infections
Week 8 Oct.12 th	Quiz # 2 20% (Ch.7,8,9,10,11, 12) Ch. 13 , Basic Concepts of Immunity and Inflammation
Week 9 Oct. 19 th	Ch. 14 , Host Immune Response to Plaque Biofilm
Week 10 Oct. 26 th	Ch. 15 , Systemic Conditions that Amplify Susceptibility to Periodontal Disease
Week 11 Nov. 2 nd	Ch. 16 , Local Factors Contributing to Periodontal disease
Week 12 Nov. 9 th	Quiz #3 20% (Ch.13,14,15,16) Ch. 17 , Nutrition, Inflammation and Periodontal Disease
Week 13 Nov. 16 th	Ch. 18 Tobacco, Smoking and Periodontal disease, Ch. 19 Clinical Periodontal Assessment
Week 14 Nov. 23 rd	Ch. 20 , Radiographic Analysis of Periodontium, Ch. 21 , Best Practices for Periodontal Care Bourse due today before class. 5%
Week 15 Nov. 30 th	Ch. 22 , Nonsurgical Periodontal Therapy, Ch. 23 , Patient's Role in Nonsurgical Periodontal Therapy
Final Exam during Exam Week 30%	

F. REQUIRED TEXTS and COURSE COST in ADDITION to TEXTS:

Nield-Gehrig, J.S., Willman, D.E. (2016). *Foundations of Periodontics for the Dental Hygienist*. (4th Ed.). Philadelphia, PA: Wolters Kluwer: Lippincott Williams & Wilkins.

Cost: Textbook \$88.99 USD + tax