



A. GENERAL INFORMATION:

Program:	Dental Hygiene
Course:	Public Dental Health
Course Number:	111-515-AB
Day(s) and Time:	Lab: Mon. 8:30- 11:30, 13:00-16:00, Theory: Thur. 14:00-16:00
Classroom Number:	Lecture: SE 222, Lab SE 105
Ponderation:	2-3-3
Credits:	2 $\frac{2}{3}$
Competency:	Intermediate competency: 00LQ
Prerequisite:	All first and second year Dental Hygiene courses
Semester:	Fall 2016
Teacher's name:	Theresa Emery
Office, Telephone, & Email:	SE-112, 514-457-6610 (5993), theresa.emery@johnabbott.qc.ca , MIO
Office Hours:	As posted or by appointment

Note: Pregnancy must be reported immediately to the Clinical Coordinator in order to put in place necessary precautions.

B. INTRODUCTION:

Public dental health is a specific field of the dental hygiene profession. This course is designed to introduce the dental hygiene student to the basic principles and concept theories of public health and their application to dental health in community health programs. In this course, the student will be able to *acquire practical and theoretical knowledge to actively participate in community dental health fieldwork as well as further develop communication skills* as an intermediary step to the terminal competency *intervene in the area of preventive dental health* 00LQ. The student will be able to demonstrate this competency using knowledge and abilities that have been acquired in other courses.

00LQ *Intervene in the area of preventive dental health.*

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.

Comprehensive Assessment

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:

Lesson Plans

Two lesson plans (pre-school and grade school) will be prepared and implemented. Refer to handout and rubric for description.

Lesson Plan Simulations

The student will have the opportunity to implement both lesson plans in front of the class. Following this videotaped exercise, the student will be required to submit a self-evaluation of each video presentation.

Pre-school Lesson Plan Implementation

After the class simulation, the student will implement the pre-school lesson plan in a selected daycare center. Evaluation of this community dental health activity will be done by the daycare supervisor and sent to the JAC instructor.

Presentation

Evaluation of the student's performance in presenting the project to the class will be done according to the criteria found in the handout and on Lea.

Epidemiology Survey

The students will participate in an epidemiological survey by applying conceptual and methodological tools using the main epidemiological dental health indices. This survey involves the preparation and implementation of a community dental health survey based on evidence based practice.

Final Course Competency Assessment

Final course assessment is incorporated within the Theory and Lab sections of this course.

At the end of this course the student *will acquire practical and theoretical knowledge to actively participate in community dental health fieldwork as well as further develop communication skills.*

The student must attain a passing grade **60%** in each of the evaluation sections (theory and lab) in order to pass 111-505-AB Public Dental Health course, otherwise a maximum grade of **55%** will be given.

Students must view corrected assignments as a Word document in order to be able to see comments made by the instructor.

METHOD OF ASSESSMENT	Value	Ministerial Objectives	TOTAL
EXAM (week 8)	5%	1, 3	THEORY (40%)
FINAL EXAM (during exam week)	15%	1, 2, 3	
ASSIGNMENT (1) (week 4)	5%	1	
EPIDEMIOLOGY SURVEY FOR A SPECIFIC TARGET GROUP (week 14)	10%	3	
EPIDEMIOLOGY PRESENTATION (week 14, 15)	5%	3	
METHOD OF ASSESSMENT	Value	Ministerial Objectives	TOTAL
PRESENTATION OF LESSON PLAN (PRESCHOOL) (week 9, 10)	10%	1, 2	LAB (60%)
PRESENTATION OF LESSON PLAN (GRADE 5 SCHOOL) (week 14, 15, 16)	15%	1, 2	

PRESCHOOL LESSON PLAN (week 9)	10%	1, 2	
*BILINGUAL LETTER TO PARENTS (week 9)	5%	1, 2	
GRADE 5 SCHOOL LESSON PLAN (week 14)	10%	1, 2	
PRESCHOOL IMPLEMENTATION (after week 10)	10%	1, 2	

- **Deadlines for all assignments must be respected.**
 - **Late submission may constitute failure of that assignment.**
- For late assignments, there will be a 5% deduction in the assignment grade for every day the assignment is late**

Comprehensive Assessment (CA):

The * indicates a component of the Comprehensive Assessment for which a passing grade of 60% is mandatory.

E. COURSE CONTENT (tentative schedule)

DATE	LAB (Monday)	DATE	LECTURE (Thursday)
Week 1 Aug. 22	Orientation Day	Aug. 25	Introduction to: Public Dental Health and its history. Role of DH in community health. Epidemiology paper outline
Week 2 Aug. 29	5 minute video presentations	Sept. 01	Epidemiology Using Research for Clinical Decision-Making: Elements of a Research Report
Week 3 Sept. 05	Labour Day No Labs	Sept. 08	Biostatistics: survey procedures, data analysis, presentation of results, evaluation of scientific information
Week 4 Sept. 12	Workshop - development of objectives	Sept. 15	Hôpital Sainte-Anne: Guest speaker Assignment (1) due 5%
Week 5 Sept. 19	Group educational approach: preschool pedagogical strategies	Sept. 22	Geriatrics: Guest speaker
Week 6 Sept. 26	Didactic material design	Sept. 29	Continuation of survey procedures, data analysis, presentation of results, evaluation of scientific information
Week 7 Oct. 03	Didactic material design	Oct. 06	Community diversity: Target groups. Dental health programming: assessment
Oct. 10	Thanksgiving - no classes		
Week 8 Oct. 11	Monday schedule Dental health program Development: preschool	Oct. 13 Exam 5%	Education in public health: Principles of communication and group dynamics
Week 9 Oct. 17	Preschool lesson plan is due 10% Bilingual letter to parents due 5% Group 1: Video presentations of pre- school lesson plan. 10%	Oct. 20	Guest Speaker Dental health planning, implementation and evaluation
Week 10 Oct. 24	Group 2: Video presentations of pre- school lesson plan. 10%	Oct. 27	Guest Speaker Organization of health services; Quebec's Health Reform Care System

Week 11 Oct. 31	Group educational approach: Grade school pedagogical strategies	Nov. 03	Quebec's Health Reform Care System
Week 12 Nov. 07	Group educational approach: Grade school pedagogical strategies	Nov. 10	High Risk Groups in Quebec. The provincial program
Week 13 Nov. 14	Dental health program development - grade school	Nov. 17	High risk groups in Quebec. Etiology of dental problems, risk factors. Enquête Santé Dentaire Québec
Week 14 Nov. 21	Grade school lesson plan is due 10% Group 3: Video presentations of grade school lesson plan 15%	Nov. 24	Epidemiology survey paper 10% Epidemiology Presentations 5%
Week 15 Nov. 28	Group 2: Video presentations of grade school lesson plan 15%	Dec. 01	Epidemiology Presentations 5%
Week 16 Dec. 05	Group 1: Video presentations of grade school lesson plan 15%	Final Exam during exam week 15%	

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

Trudeau, F. (2011). *A Module on Lesson Planning*. On Léa.

Turmel, S. (2011). *The Dental Hygienist: A public Health Perspective*. Centre Collégial de Développement de Matériel Didactique (CCDMD). **\$49.95 plus tax (approx.)**

Course Cost:

- Memory card for taping: **\$25.00 (approx.)**
- Each student is responsible for supplying the materials for the development of various projects.
Therefore course cost will vary according to the types of project selected.
- Printing: **\$30.00(approx.)**
- Toothbrushes for Day-Care presentation: **\$30.00 (approx.)**