

DOUGLAS COLLEGE

A: Division: **INSTRUCTIONAL**
 B: Faculty: **HEALTH SCIENCES**

Date: **MAY 20, 1997**
 New Course: **NO**
 Revision of Course: **YES**
MARCH 6, 1984

C: **CHDA 108** D: **APPLIED DENTAL SCIENCES** E: **1**

Subject & Course No.	Descriptive Title	Semester Credit
F: Calendar Description: This course provides the student with the prerequisite knowledge required to practice effective infection control procedures in the dental environment.	Summary of Revisions: (Enter date & section) Eg: Section C,E,F 1990 03 06 - Section B, F, J, K, N, O, P, R 1993 04 21 - Section F, G, H, J, N, O, P, Q, R 1997 05 30 - Section A, C, E, F, G, J, K, N, O, P	
G: Type of instruction: Hrs / per semester Lecture: 13 Hrs. Laboratory: 2 Hrs. Seminar: Hrs. Clinical Experience: Hrs. Field Experience: Hrs. Practicum: Hrs. Shop: Hrs. Studio: Hrs. Student Directed Learning: Hrs. Other (Specify): Hrs. Total: 15 Hrs.	H: Course Prerequisites: NIL I: Course Corequisites: NIL J: Course for which this Course is a Prerequisite: CHDA 212 + CHDA 214 + CHDA 217 K: Maximum Class Size: 30	
L: College Credit Transfer <input type="checkbox"/> College Credit Non-Transfer <input checked="" type="checkbox"/>	M: Transfer Credit: Requested: <input type="checkbox"/> Granted: <input type="checkbox"/> Specify Course Equivalents or Unassigned Credit as appropriate: U.B.C. S.F.U. NIL U. Vic. U.N.B.C. Other:	

Shymington Hiam Zibat
 Course Designer(s)

John Wood
 Dean

John Wood
 Vice President, Instruction
P. H. Degen
 Registrar

N. Textbooks and Materials to be Purchased by Students (Use Bibliographic Form):

- * Torres, H.O., and Ehrlich, A., Bird, D. & Dietz, E., Modern Dental Assisting, (latest edition). Philadelphia: W.B. Saunders Co.
- * Wilkins, E.M., Clinical Practice of the Dental Hygienist, (latest edition). Philadelphia: Lea and Febiger.

Supplemental Text:

Cottone, J. A., Terezhalmay, G. T., Molinari, J. A., Practical Infection Control in Dentistry. Philadelphia: Lea and Febiger, 1991.

- * Same texts used in all courses of Dental Assisting Program.

Complete Form with Entries Under the Following Headings: O. Course Objectives; P. Course Content; Q. Method of Instruction; R. Course Evaluation

O. COURSE OBJECTIVES

Objectives are based on the Provincial Competencies for Certified Dental Assistants, developed for the Ministry of Advanced Education and Job Training, March 1989.

The student will be able to

1. discuss infection control principles as related to dentistry.
2. discuss basic microbiological concepts, modes and routes of disease transmission, cross-contamination and the body's defense mechanisms in relationship to the problems of dental infectious diseases.
3. describe methods, principles, and procedures for effective infection control as established by recognized standards.

P. COURSE CONTENT**1. Rationale for basic microbiological concepts**

Ethical responsibilities
Responsibilities to patients
Responsibilities to co-workers/health care providers

2. Basic microbiological concepts

Microbiology
Pathogens
Bacteria
Viruses
Fungi
Disease transmission/prevention
Cross-contamination
Immune system
Body defense systems

3. Infection Control

Infection control guidelines/protocols
Universal precautions
Classification of instruments, equipment and surfaces
Chain of asepsis
Protective barrier techniques
Hand washing
Sterilization
Chemical disinfection
Treatment room cleaning and disinfection
Instrument recirculation
Special considerations
Waste management

Q. METHOD OF INSTRUCTION

1. Lecture/Laboratory
2. Group discussion/Seminar
3. Guest Lecturers
4. Audio-visual materials

R. COURSE EVALUATION

Course evaluation is based on course objectives, and is consistent with Douglas College Evaluation Policies. An evaluation schedule is presented to the student at the beginning of the course.

A minimum mark of 65% is required to be successful in the course.

Outlines of evaluation may be subject to change.

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