

## DOUGLAS COLLEGE

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

Date: **MAY 30, 1997**  
 New Course: **NO**  
 Revision of Course: **YES**  
**MARCH 12, 1984**

C: **CHDA 216** D: **DENTAL ASSISTING THEORY** E: **1.5**

Subject &amp; Course No.

Descriptive Title

Semester Credit

## F: Calendar Description:

This course will provide the student with an understanding of the dental assistant's role in basic restorative and specialty procedures. This will include an emphasis on the clinical uses and handling of dental materials.

Summary of Revisions: (Enter date & section Eg: 1982-08-25, Sections C,E,F,R)

1991-08-27: Sections B, C, D, F, G, N, O, P, Q, R

1992 -01-22: Section N

1992-10-23: Section R

1993-11-19: Section P

1997-05-30: Sections A, C, E, G, H, J, K, N, O, P, R

## G: Type of instruction: Hrs. per semester

Lecture: 30 Hrs.  
 Laboratory: Hrs.  
 Seminar: Hrs.  
 Clinical Experience: Hrs.  
 Field Experience: 15 Hrs.  
 Practicum: Hrs.  
 Shop: Hrs.  
 Studio: Hrs.  
 Student Directed Learning: Hrs.  
 Other (Specify): Hrs.

Total: 45 Hrs.

## H: Course Prerequisites:

CHDA 108 + CHDA 109 + CHDA 111

## I: Course Corequisites:

NIL

## J: Course for which this Course is a Prerequisite:

CHDA 360

## K: Maximum Class Size:

30

## L: College Credit Transfer

College Credit Non-Transfer

X

## M: Transfer Credit:

Requested:

Granted:

Specify Course Equivalents or Unassigned Credit as appropriate:

U.B.C.

S.F.U.

NIL

U. Vic.

U.N.B.C.

Other:

Course Designer(s)

Vice-President - Instruction

Dean

Registrar

## Subject and Course Number

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

- \* Torres, H.D., and Ehrlich, A., Bird, D & Dietz, E., latest edition, Modern Dental Assisting, Philadelphia, W.B. Saunders Co.
- \* Wilkins, E.M., Clinical Practice of the Dental Hygienist, latest edition, Philadelphia, Lea and Febiger
- \* Same texts used in all courses of the 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. apply dental assisting concepts, principles and procedures to basic restorative procedures.
2. apply dental assisting concepts, principles and procedures to endodontic procedures.
3. apply dental assisting concepts, principles and procedures to prosthodontic procedures.
4. apply dental assisting concepts, principles and procedures to oral surgery procedures.
5. apply dental assisting concepts, principles and procedures to pedodontic procedures.
6. apply dental assisting concepts, principles and procedures to orthodontic procedures.
7. compare dental materials used in basic restorative and specialty procedures.

**P. COURSE CONTENT****1. Basic Restorative Procedures**

Principles of cavity preparation

Treatment liners

Matrices and wedges

Amalgam restorations

Bonded amalgam restorations

Retention pins

Composite restorations

Dentin bonding systems

Future trends

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Subject and Course Number

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**2. Endodontic Procedures**

Endodontic diagnosis  
Instrumentation  
Canal access  
Canal instrumentation  
Irrigation techniques  
Canal obturation  
Surgical endodontics  
Emergency procedures  
Future trends

**3. Prosthodontic Procedures**

Fixed prosthesis  
Types of cast restorations  
Materials for cast restorations  
Preparation and placement of cast restorations  
Composite core build-up  
Gingival retraction cord  
Temporization  
Removable prosthesis  
Role of Dental Laboratory Technician  
Future trends

**4. Oral Surgery Procedures**

Indications / contraindications  
Instrumentation  
Chain of asepsis  
Role of assistant  
Complex extractions  
Pre- and post-operative patient care  
Dental implants

**5. Pedodontic Procedures**

Patient management  
Stainless steel crowns  
Pulpal therapy  
Traumatic injuries

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**Subject and Course Number**

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**6. Orthodontic Procedures**

Indications / contraindications  
Factors affecting malocclusion  
Phases of orthodontic treatment  
Principle of tooth movement  
Records and treatment planning  
Instrumentation  
Oral hygiene and dietary instruction

**7. Dental Materials**

General characteristics of dental materials  
Bonding  
Dental cements  
Cavity liners  
Composite restorative material  
Amalgam restorative material  
Impression materials  
Gypsum products  
Future trends

**Q. METHOD OF INSTRUCTION**

1. Lecture
2. Class discussion
3. Audio-visual materials
4. Computer assisted instruction
5. Field experience

**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 students 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.