

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 & Course No.	Descriptive Title	Semester Credit																																	
<p>F: Calendar Description:</p> <p>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.</p>																																			
<p>Summary of Revisions: (Enter date & section Eg: 1982-08-25, Sections C,E,F,R)</p> <p>1991-08-27: Sections B, C, D, F, G, N, O, P, Q, R</p> <p>1992 -01-22: Section N</p> <p>1992-10-23: Section R</p> <p>1993-11-19: Section P</p> <p>1997-05-30: Sections A, C, E, G, H, J, K, N, O, P, R</p>																																			
<p>G: Type of instruction: Hrs. per semester</p> <table style="width:100%; border: none;"> <tr> <td style="padding-left: 40px;">Lecture:</td> <td style="text-align: right;">30</td> <td>Hrs.</td> </tr> <tr> <td style="padding-left: 40px;">Laboratory:</td> <td></td> <td>Hrs.</td> </tr> <tr> <td style="padding-left: 40px;">Seminar:</td> <td></td> <td>Hrs.</td> </tr> <tr> <td style="padding-left: 40px;">Clinical Experience:</td> <td></td> <td>Hrs.</td> </tr> <tr> <td style="padding-left: 40px;">Field Experience:</td> <td style="text-align: right;">15</td> <td>Hrs.</td> </tr> <tr> <td style="padding-left: 40px;">Practicum:</td> <td></td> <td>Hrs.</td> </tr> <tr> <td style="padding-left: 40px;">Shop:</td> <td></td> <td>Hrs.</td> </tr> <tr> <td style="padding-left: 40px;">Studio:</td> <td></td> <td>Hrs.</td> </tr> <tr> <td style="padding-left: 40px;">Student Directed Learning:</td> <td></td> <td>Hrs.</td> </tr> <tr> <td style="padding-left: 40px;">Other (Specify):</td> <td></td> <td>Hrs.</td> </tr> <tr> <td style="padding-left: 40px;">Total:</td> <td style="text-align: right;">45</td> <td>Hrs.</td> </tr> </table>			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.
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<p>H: Course Prerequisites: CHDA 108 + CHDA 109 + CHDA 111</p> <p>I: Course Corequisites: NIL</p> <p>J: Course for which this Course is a Prerequisite: CHDA 360</p> <p>K: Maximum Class Size: 30</p>																																			
<p>L: College Credit Transfer <input type="checkbox"/></p> <p>College Credit Non-Transfer <input checked="" type="checkbox"/></p>																																			
<p>M: Transfer Credit: Requested: <input type="checkbox"/></p> <p style="padding-left: 100px;">Granted: <input type="checkbox"/></p> <p>Specify Course Equivalents or Unassigned Credit as appropriate:</p> <p>U.B.C. _____</p> <p>S.F.U. NIL</p> <p>U. Vic. _____</p> <p>U.N.B.C. _____</p> <p>Other: _____</p>																																			

Symington Dean Hubert

 Course Designer(s)

Alwood

 Dean

[Signature]

 Vice-President - Instruction

P. H. [Signature]

 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

Subject and Course Number

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

Subject and Course Number

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.