Douglas College

EFFECTIVE: SEPTEMER 2004
CURRICULUM GUIDELINES

A. Division: **Instructional**

Effective Date: May 30, 1997

B. Department / Program Area: **Health Sciences**

Revision [X] New Course [ ]

If Revision, Section(s) Revised:
1991-08-27: B, C, D, F, G, N, O, P, Q, R
1992-01-22: N
1992-10-23: R
1993-11-19: P
1997-05-30: A, C, E, G, H, J, K, N, O, P, R
2003-11-05: C, F, H, J, M, N, R

Date of Previous Revision: May 30, 1997
Date of Current Revision: November 5, 2003

C: CHDA 1216 **D: DENTAL ASSISTING THEORY** **E: 1.5**

Subject & Course No. | Descriptive Title | Semester Credits

F: Calendar Description:

This course will provide the learner with the skills, knowledge, and values necessary for 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.

G: Allocation of Contact Hours to Type of Instruction / Learning Settings

Primary Methods of Instructional Delivery and/or Learning Settings:

Lecture
Field Experience

Number of Contact Hours: (per week / semester for each descriptor)

Lecture: 30
Field Experience: 15

Number of Weeks per Semester: 15

H: Course Prerequisites:

CHDA 1108 & CHDA 1109 & CHDA 1111

I: Course Corequisites:

NIL

J: Course for which this Course is a Prerequisite

CHDA 1360

K: Maximum Class Size:

30

L: PLEASE INDICATE:

[ ] Non-Credit
[X] College Credit Non-Transfer
[ ] College Credit Transfer:

SEE BC TRANSFER GUIDE FOR TRANSFER DETAILS (www.bccat.bc.ca)

M: Course Objectives / Learning Outcomes

The learning outcomes are based on the Curriculum Guide 2001 Education of Certified Dental Assistants in British Columbia developed for the Ministry of Advanced Education, Training and Technology and the Centre for Curriculum, Transfer and Technology, February 2001.

Upon successful completion of CHDA 1216 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.

N: 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

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
Provisional coverage
Removable prosthesis
Role of Dental Laboratory Technician
Future trends

Course Content Continued:

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

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

O: Methods of Instruction

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

P: Textbooks and Materials to be Purchased by Students

- Torres, H.O., 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.
- **Same texts used in all courses of the Dental Assisting Program.**

Q:	Means of Assessment 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.
R:	Prior Learning Assessment and Recognition: specify whether course is open for PLAR Yes

Course Designer(s)	Education Council / Curriculum Committee Representative
Dean / Director	Registrar