



# EFFECTIVE: SEPTEMBER, 2007

## CURRICULUM GUIDELINES

**A. Division:** **Education** Effective Date: September, 2007

**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, I, J, M, N, P, R  
 2006-10-02: M,N

Date of Previous Revision: *November 5, 2003*  
 Date of Current Revision: *October 2, 2006*  
**E: 1.5**

**C: CHDA 1216**

**D: DENTAL ASSISTING THEORY**

Subject & Course No.	Descriptive Title	Semester Credits
<b>F: Calendar Description:</b>  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.		
<b>G: Allocation of Contact Hours to Type of Instruction / Learning Settings</b>  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	<b>H: Course Prerequisites:</b>  CHDA 1108 & CHDA 1109 & CHDA 1111	
	<b>I: Course Corequisites:</b>  NIL	
	<b>J: Course for which this Course is a Prerequisite</b>  CHDA 1360	
	<b>K: Maximum Class Size:</b>  30	
<b>L: PLEASE INDICATE:</b> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 30px; height: 20px; margin-right: 5px;"></div> <div>Non-Credit</div> </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 30px; height: 20px; margin-right: 5px; text-align: center;"><b>X</b></div> <div>College Credit Non-Transfer</div> </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 30px; height: 20px; margin-right: 5px;"></div> <div>College Credit Transfer:</div> </div> <p>SEE BC TRANSFER GUIDE FOR TRANSFER DETAILS (<a href="http://www.bctransferguide.ca">www.bctransferguide.ca</a>)</p>		

**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. apply dental assisting concepts, principles and procedures to periodontic procedures.
8. 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  
 Taking a facebow record/transfer  
 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. Periodontic Procedures**

Indications for treatment  
 Surgical procedures  
 Suture and surgical/perio pack removal  
 Oral hygiene and dietary instruction

**8. 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

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 Course Designer(s)

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 Education Council / Curriculum Committee Representative

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 Dean / Director

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 Registrar

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