

EFFECTIVE: MAY 2009 CURRICULUM GUIDELINES

A.	Division:	Education	Eff	fective Date:		May 2009		
В.	Department / Program Area:	Health Sciences / Dental Assisting Program	Re	vision	X	New Course		
	110gram 1 nea.	Dental Assisting Flogram	If l	Revision, Section(s) Re	evised:	N		
				te of Previous Revision te of Current Revision		June 2007 October 2008		
C:	CHDA 1217	D: ADVANCEI SKILLS	D DEN	TAL ASSISTING		E: 9		
	Subject & Cour	se No.	Descri	ptive Title		Semester Cred	lits	
F:	Calendar Description:							
	This course will provide the learner with the skills, knowledge, and values required to assist with basic restorative and specialty procedures, to take and process dental radiographs, and to obtain study model impressions. This will include an emphasis on the clinical application and adaptation of dental assisting theory to a variety of specialty areas, different situations, and different operator preferences.						eory	
G:		ntact Hours to Type of Instruction	H:	Course Prerequisites	:			
		/ Learning Settings		CHDA 1111 & CHDA 1109 & CHDA 1107 & CHDA 1108 & CHDA 1118				
	Primary Methods of Instructional Delivery and/or Learning Settings: Clinical Instruction Field Experience		I:	Course Corequisites:				
				CHDA 1216				
		-		Course for which this Course is a Prerequisite				
	Number of Contact Hours: (per week / semester for each descriptor)			CHDA 1360				
	Clinical Instructi	•		Maximum Class Size	e:			
	Clinical Instruction: 67.5 hours Field Experience: 30 hours Lab: 150 hours			10				
	Number of Weeks per Semester:							
	15							
L:	PLEASE INDIC	ATE:						
_•	Non-Credit							
	College Credit Transfer:							
	SEE BC TRANS	SEE BC TRANSFER GUIDE FOR TRANSFER DETAILS (www.bctransferguide.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 1217 the student will be able to:

- 1. assist for restorative procedures.
- 2. assist for endodontic procedures.
- 3. assist for prosthodontic procedures.
- 4. assist for specialty procedures.
- 5. obtain study model impressions.
- 6. construct custom mouth guards, splints and custom trays.
- 7. expose and process dental radiographs.
- 8. obtain vital signs.
- 9. isolate the operating field.
- 10. chart for examination.
- 11. assess the oral cavity.
- 12. demonstrate rubber cup polishing.
- 13. integrate dental reception skills.
- 14. demonstrate the principles of infection control.
- 15. demonstrate professional standards.

N: Course Content:

1. Assist for Restorative Procedures

Prepare the operatory.

Transfer instruments.

Prepare, mix and transfer materials.

Assist for restorative procedures.

2. Assist for Endodontic Procedures

Prepare the operatory.

Transfer instruments.

Prepare, mix and transfer materials.

Assist for endodontic procedures.

Take pulp vitality tests.

3. Assist for Prosthodontic Procedures

Prepare the operatory.

Transfer instruments.

Prepare, mix and transfer materials.

Remove retraction cord.

Assist for prosthodontic procedures.

4. **Prepare for Specialty Procedures**

Identify oral/periodontal surgery / orthodontic instruments.

Describe oral/periodontal surgery / orthodontic procedures.

Remove sutures and surgical pack/periodontal dressings.

5. Obtain Study Model Impressions

Prepare patient.

Select and prepare impression tray.

Obtain study model impression.

Course Content Continued:

6. Construct Custom Mouth Guards and Custom Trays

Assemble armamentarium and prepare master cast.

Utilize vacuum forming equipment.

Trim and polish finished product.

Construct tray.

7. Take and Process Dental Radiographs

Place and expose radiographs on a mannequin and on a patient.

Process and mount radiographs.

Practice radiation hygiene.

8. **Obtain Vital Signs**

Assess patients' medical history.

Determine blood pressure, pulse, temperature and respiration.

Compare findings to normal readings.

9. **Isolate the Operating Field**

Apply and remove rubber dam.

Apply cotton roll isolation.

10. Chart for examination

Record periodontal probe readings.

Record decayed, missing and filled teeth.

11. Assess the Oral Cavity

Observe gingival tissues.

Determine occlusion.

Identify tooth deposits.

Compare findings to normal expectations.

12. **Demonstrate Rubber Cup Polishing**

Utilize dental hand piece.

Adapt rubber cup using polishing stroke.

Establish systematic sequence.

13. Fluoride Application

Select appropriate delivery method.

Apply using safe clinical techniques.

Demonstrate understanding of toxicity.

Demonstrate knowledge of first aid for ingestion of fluoride.

Demonstrate patient management.

14. Integrate Dental Reception Skills

Manage patient records.

Demonstrate appointment scheduling.

Process dental claims.

Complete financial procedures.

15. Demonstrate Principles of Infection Control

Prepare self.

Prepare disinfection/sterilization solutions.

Prevent cross-contamination.

Prepare instruments for recirculation.

Operate sterilizers.

Store instruments in aseptic manner.

	Course	Course Content Continued				
	Course Content Continued:					
	16.	Demonstrate Professional Standards				
		Demonstrate responsibility/accountability, using problem-solving and decision-making skills. Participate as a team member, utilizing effective communication skills and a positive attitude.				
		Comply with program policies.				
		Incorporates realistic time management skills into practice.				
		Employ self-evaluation techniques.				
0:	Metho	Methods of Instruction				
	1.	Demonstration				
	2. Clinical activities					
	3. Practicum					
	4.	Audio-visual materials				
	5.	Computer assisted instruction				
P:	Textbooks and Materials to be Purchased by Students					
	• Torres, H.O., Ehrlich, A., Bird, D., & Dietz, E., <u>Modern Dental Assisting</u> , (latest edition), Philadelphia, W.B. Saunders Co.					
	• W	• Wilkins, E.M., Clinical Practice of the Dental Hygienist, (latest edition), Philadelphia, Lea and Febiger.				
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 75% 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					
Cours	se Design	er(s) Education Council / Curriculum Committee Representative				
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Dean / Director		r Registrar				

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