

EFFECTIVE: SEPTEMBER, 2007 CURRICULUM GUIDELINES

A.	Division:	Education	Effective Date:	September, 2007	
B.	Department / Program Area:	Health Sciences	Revision	X New Course	
	J		If Revision, Section(s) Re 1991-8-7: B, C, D, F, G, 1992-01-22: N, R 1994-09-23: N, O, P, R 1997-10-20: A, C,G, H, I 1998-06-24: P 2003-11-05: C, F, H, I, J, 2006-01-09: Q 2006-10-02: G,K,N	H, I, K, N, O, P, Q, R I, J, K, N, O, P, Q, R , M, P, R	
			Date of Previous Revision Date of Current Revision	• •	
C:	CHDA 1217	D: ADVANCE SKILLS	D DENTAL ASSISTING	E: 9	
	Subject & Cour		Descriptive Title	Semester Credits	
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.				
G:	Allocation of Contact Hours to Type of Instruction / Learning Settings Primary Methods of Instructional Delivery and/or Learning Settings:		H: Course Prerequisites CHDA 1111 & CHE CHDA 1108 & CHE	DA 1109 & CHDA 1107 &	
	Clinical Instructi	on	I: Course Corequisites: CHDA 1216		
	Number of Contact Hours: (per week / semester for each descriptor) Clinical Instruction: 67.5 hours		J: Course for which thi CHDA 1360	s Course is a Prerequisite	
	Field Experience: 30 hours Lab: 150 hours Number of Weeks per Semester: 15	K: Maximum Class Size	e:		
L:	PLEASE INDICATE: Non-Credit College Credit Non-Transfer College Credit Transfer: 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.

Place cotton rolls and driangles.

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. Integrate Dental Reception Skills

Manage patient records.

Demonstrate appointment scheduling.

Process dental claims.

Complete financial procedures.

14. **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.

		Page 4 of 4		
	Course Content Continued:			
	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.		
	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. 2. 3. 4. 5.	Demonstration Clinical activities Practicum Audio-visual materials Computer assisted instruction		
P:	Textbo	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., <u>Clinical Practice of the Dental Hygienist</u> , (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 mini	A minimum mark of 75% is required to be successful in the course.		
	Outline	Outlines of evaluation may be subject to change.		
D.	Driver Learning Assessment and Reasonition, energify whether course is open for DLAD			

Prior Learning Assessment and Recognition: specify whether course is open for PLAR

Yes

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