



EFFECTIVE: SEPTEMBER 2004
CURRICULUM GUIDELINES

A. Division: **Instructional** **Effective Date:** **September 2004**

B. Department / Program Area: **Health Sciences** **Revision** **New Course**

If Revision, Section(s) Revised: **C, J, I, M, R**

Date of Previous Revision: **June 24, 1998**

Date of Current Revision: **February 18, 2004**

C: CHDA 1111 **D: Basic Dental Assisting Skills** **E: 9.0**

Subject & Course No.	Descriptive Title	Semester Credits								
F: Calendar Description: This course will provide the student with the skills required to perform basic dental assisting procedures, and a clinical environment to apply and adapt knowledge related to infection control, patient records, dental radiography and anatomy.										
G: Allocation of Contact Hours to Type of Instruction / Learning Settings Primary Methods of Instructional Delivery and/or Learning Settings: Laboratory Clinical Experience Field Experience Number of Contact Hours: (per week / semester for each descriptor) <table border="0"> <tr> <td>Laboratory</td> <td>120 hrs.</td> </tr> <tr> <td>Clinical Experience</td> <td>60 hrs.</td> </tr> <tr> <td>Field Experience</td> <td>60 hrs.</td> </tr> <tr> <td>Total</td> <td>240 hrs.</td> </tr> </table> Number of Weeks per Semester:	Laboratory	120 hrs.	Clinical Experience	60 hrs.	Field Experience	60 hrs.	Total	240 hrs.	H: Course Prerequisites: NIL	
	Laboratory	120 hrs.								
	Clinical Experience	60 hrs.								
	Field Experience	60 hrs.								
Total	240 hrs.									
	I: Course Corequisites: CHDA 1107 + CHDA 1108 + CHDA 1109 + CHDA 1118									
	J: Course for which this Course is a Prerequisite CHDA 1217									
	K: Maximum Class Size: 10									
L: PLEASE INDICATE: <table border="0"> <tr> <td><input type="checkbox"/></td> <td>Non-Credit</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>College Credit Non-Transfer</td> </tr> <tr> <td><input type="checkbox"/></td> <td>College Credit Transfer:</td> </tr> </table> <p>SEE BC TRANSFER GUIDE FOR TRANSFER DETAILS (www.bccat.bc.ca)</p>			<input type="checkbox"/>	Non-Credit	<input checked="" type="checkbox"/>	College Credit Non-Transfer	<input type="checkbox"/>	College Credit Transfer:		
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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 1111 the student will be able to:

1. Demonstrate principles of infection control.
2. Perform preparatory diagnostic, endodontic, basic restorative and prosthodontic procedures.
3. Integrate dental reception skills.
4. Perform basic clinical support procedures.
5. Demonstrate basic principles of oral evacuation and instrumentation.
6. Isolate the operating field.
7. Assist with pain control administration.
8. Assist for and process study model impressions.
9. Take and process radiographs.
10. Maintain professional standards.

N: Course Content:

1. **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

2. **Perform Preparatory Skills for Diagnostic, Endodontic, Basic Restorative and Prosthodontic Procedures**

Identify instruments and armamentarium
 Assemble instruments and armamentarium
 Assemble and maintain handpieces and burs
 Mix and/or prepare dental materials
 Position patient and team
 Prepare the operator

3. **Integrate Dental Reception Skills**

Manage patient records
 Complete financial procedures

4. **Perform Basic Clinical Support Procedures**

Assemble armamentarium
 Manage patient comfort
 Review patient's current states

5. **Demonstrate Basic Principles of Oral Evacuation and Instrumentation**

Identify operating zones
 Demonstrate instrument grasps
 Demonstrate oral rinsing and evacuation techniques
 Utilize direct and indirect vision
 Apply retraction techniques
 Transfer instruments

Course Content Continued:

6. **Isolate the Operating Field**

Identify instruments and armamentarium
Apply and remove rubber dam
Manage special situations

7. **Assist with Pain Control**

Observe intra-oral landmarks
Identify anesthetic agents, local and topical
Locate injection sites
Apply topical anesthetic agents
Assemble and transfer anesthetic syringe

8. **Assist for and Process Study Model Impressions**

Mix alginate
Prepare and load impression trays
Assist for study model impressions
Prepare wax for bite registration
Pour study model impression
Trim study cast

9. **Take and Process Radiographs**

Place and expose films on a mannequin
Process and mount radiographs
Practice radiation hygiene

10. **Maintain Professional Standards**

Demonstrates responsibility/accountability using problem-solving and decision-making skills
Participates as a team member utilizing effective communication skills and a positive attitude
Complies with Program Policies
Incorporates realistic time management skills into practice
Employs self evaluation techniques

O: Methods of Instruction

1. Demonstration
2. Clinical
3. Practicum Experience
4. Discussion
5. Audio-visual Materials
6. Computer-Assisted Instruction

P: Textbooks and Materials to be Purchased by Students

Torres, H.O., and Ehrlich, A., Bird, D. & Dietz, E., Modern Dental Assisting, (Latest edition). Philadelphia: W.B. Saunders Co.

Wilkins, Esther M., Clinical Practice of the Dental Hygienist, (Latest edition). Philadelphia: Lea and Febiger.

Note: 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 student 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

Course Designer(s)

Education Council / Curriculum Committee Representative

Dean / Director

Registrar