



**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 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.

**O:** 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., 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.

**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

\_\_\_\_\_  
Course Designer(s)

\_\_\_\_\_  
Education Council / Curriculum Committee Representative

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Dean / Director

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Registrar