

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 hand pieces 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 cotton roll isolation
 Apply and remove rubber dam
 Manage special situations

7. **Assist with Pain Control**

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

<p>Q: Means of Assessment:</p> <p>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.</p> <p>A minimum mark of 75% is required to be successful in the course.</p> <p>Outlines of evaluation may be subject to change.</p>
<p>R: Prior Learning Assessment and Recognition: specify whether course is open for PLAR</p> <p>Yes</p>

Course Designer(s): Deborah McCloy

Education Council / Curriculum Committee Representative

Dean / Director: Dr. Mike Tarko

Registrar