

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 1215 the student will be able to:

1. apply basic nutrition concepts.
2. recognize the role of nutrition in health and disease.
3. propose dietary evaluation for dental patients.
4. use pharmacology terminology.
5. discuss general considerations for storage, administration, and precautions with drugs in the dental office.
6. describe the action of drugs used in the dental office.

N: Course Content:1. **Basic Nutrition Concepts**

General nutrition
 Canada's Food Guide
 Energy needs
 Classification of nutrients
 Minerals
 Vitamins
 Water

2. **Role of Nutrition in Dental Health and Disease**

Cariogenic foods
 Consistency of foods
 Oral manifestations
 Nutrition misinformation

3. **Dietary Evaluation Plans**

Dietary histories
 Nutritional Balance
 Sucrose intake
 Dietary changes

4. **Pharmacology**

Terminology
 Prescription writing
 Storage
 Administration
 Adverse reactions

5. **Action of Dental Pharmaceuticals**

Anaesthetics
 Fluoride
 Antibiotics / antifungal
 Analgesics
 Narcotics

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| Course Content Continued | |
| 6. | Oral Manifestations of Diseases/Medications Diabetes Cardiovascular disease Anticonvulsants Adrenocorticoids Oral contraceptives Antiasthmatics |
| O: | Methods of Instruction 1. Lecture 2. Group discussion 3. Case studies 4. Guest Lecturers 5. Audio-visual materials |
| P: | Textbooks and Materials to be Purchased by Students <ul style="list-style-type: none"> • Torres, H.O., Ehrlich, A., Bird, D., & Dietz, E., <u>Modern Dental Assisting</u>, (latest edition), Philadelphia, W.B. Saunders Co. • Wilkins, E.M., <u>Clinical Practice of the Dental Hygienist</u>, (latest edition), Philadelphia, Lea and Febiger. • 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 students at the beginning of the course. A minimum mark of 65% 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