



## Subject and Course Number

**N. Textbooks and Materials to be Purchased by Students (Use Bibliographic Form):**

- \* 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.
- \* Same texts used in all courses of the Dental Assisting Program.

Complete Form with Entries Under the Following Headings: O. Course Objectives; P. Course Content; Q. Method of Instruction; R. Course Evaluation

**O. COURSE OBJECTIVES**

Objectives are based on the Provincial Competencies for Certified Dental Assistants, developed for the Ministry of Advanced Education and Job Training, March, 1989.

Upon successful completion of this course, 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, and
7. relate patients' medical status to treatment considerations.

**P. COURSE CONTENT****1. Basic Nutrition Concepts**

general nutrition  
 Canada's Food Guide / The Food Pyramid  
 Energy needs  
 Classification of nutrients  
 Minerals  
 Vitamins  
 Water

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

Carogenic foods  
 Consistency of foods  
 Oral manifestations  
 Food faddism  
 Nutrition misinformation

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**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 / sedation  
Fluoride  
Antibiotics / antifungal  
Analgesics  
Narcotics

**6. Treatment Considerations for the Medicated Patient**

Cardiovascular compromised  
Convulsants  
Psychiatric disorder  
Adrenocorticoids  
Oral contraceptives  
Asthmatic

**Q. METHOD OF INSTRUCTION**

1. Lecture
2. Group discussion
3. Case studies
4. Guest Lecturers
5. Audio-visual materials

**R. COURSE EVALUATION**

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 65% is required to be successful in the course.

Outlines of evaluation may be subject to change.