DOUGLAS COLLEGE

Date:

MAY 26, 1997

INSTRUCTIONAL

A: Division:

	B:	Faculty: HEALTH SCIENCES			New Course: NO				
						Revision of Cours		YES SEPTEMBER 21, 1990	
C	C:	CHDA 215	D:		ED NUTRITION & ARMACOLOGY	E:	1.5		
		Subject & Course No.			D	escriptive Title		Semester Credit	
F:		Calendar Description: This course will provide the student a basic understanding of the fundamental principles of nutrition and pharmacology as they apply to the role of a Level II Certified Dental Assistant. The nutrition portion of this course will include an emphasis on the relationship between nutrition and dental health and dietary evaluation for the dental patient. The pharmacology portion of this course will emphasize commonly administered dental drugs and considerations for the medicated patient.		Summary of Revisions: (Enter date & section) Eg: Section C,E,F 1997 10 24 - Sections A, C, E, F, G, H, J, K, N, O, P, R					
G:	•	Type of instruction: Hrs per week	30		H:	Course Prerequisites:			
		Lecture:		Hrs.		CHDA 109			
		Laboratory:		Hrs.					
		Seminar:		Hrs.	I:	Course Corequisites:			
		Clinical Experience:		Hrs.	ļ.				
		Field Experience:		Hrs.		NONE			
		Practicum:		Hrs.	J:	C 61:1 41: 4	•		
		Shop:		Hrs.] J:	Course for which this (Course is a	Prerequisite:	
		Studio: Student Directed Learning:		Hrs.		CHDA 360			
		Other (Specify):		Hrs.					
		Other (Specify).		Hrs.	K:	Maximum Class Size:			
		Total:	30	Hrs.		30			
L:		College Credit Transfer			M:	Transfer Condits	D	1.	
		-	-		141.	Transfer Credit:	Requeste	a:	
		College Credit Non-Transfer	X	J			Granted:		
						rse Equivalents or Unassi	gned Cred	it as	
					appropriate:				
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					S.F.U.				
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1		Course Designer(s)		Vice-Presi	ient Insti	uction			
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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

Subject and Course Number

3. Dietary Evaluation Plans

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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
- 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.