

# **EFFECTIVE: SEPTEMBER 2004 CURRICULUM GUIDELINES**

Α.	Division:	Instructional	Ei	fective Date:	May 26, 1997	
В.	Department / Program Area:	Health Sciences	Re	evision	X New Course	
	_		If	Revision, Section(s) Rev	ised:	
			20	097-10-24: A, C, E, F, G, 003-11-05: P 003-12-22: C, F, H, J, M,		
			Da	ate of Previous Revision: ate of Current Revision:		
C:	CHDA 1215	D: APPLIED N PHARMAC			E: 1.5	
	Subject & Cour	rse No. Descrip	tive Ti	tle	Semester Credits	
F:	Calendar Description:					
	This course will provide the student with 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. The pharmacology portion of this course will emphasize commonly administered dental drugs.					
G:		Allocation of Contact Hours to Type of Instruction / Learning Settings		Course Prerequisites:		
	/ Learning Settings			CHDA 1109		
	Primary Method Learning Setting	Primary Methods of Instructional Delivery and/or		L. Course Consonisites		
	Learning Setting	35.	I:	Course Corequisites:		
	Lecture	Lecture		NIL		
	Number of Contact Hours: (per week / semester for each descriptor)  Lecture: 30 hours		J:	Course for which this Course is a Prerequisite		
				CHDA 1360		
			T.7	M : Cl C:		
			K:	Maximum Class Size:		
	Number of Weel	ks per Semester: 15		30		
L:	PLEASE INDIC	PLEASE INDICATE:				
	Non-Credi	t				
	X College Credit Non-Transfer					
	College Credit Transfer:					
	SEE BC TRANS	SEE BC TRANSFER GUIDE FOR TRANSFER DETAILS (www.bccat.bc.ca)				

### 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/Med	ications			
	Diabetes Cardiovascular disease Anticonvulsants Adrenocorticoids Oral contraceptives Antiasthmatics				
0:	Methods of Instruction				
	<ol> <li>Lecture</li> <li>Group discussion</li> <li>Case studies</li> <li>Guest Lecturers</li> <li>Audio-visual materials</li> </ol>				
P:	Textbooks and Materials to be Purchased by Students				
	W.B. Saunders Co.	, E., Modern Dental Assisting, (latest edition), Philadelphia, all 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 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			

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