

**DH 75 Course Outline as of Fall 1999****CATALOG INFORMATION**

Dept and Nbr: DH 75

Title: PHARM FOR THE DENTAL HYG

Full Title: Pharmacology for the Dental Hygienist

Last Reviewed: 11/28/2022

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	2.00	Lecture Scheduled	2.00	17.5	Lecture Scheduled	35.00
Minimum	2.00	Lab Scheduled	0	17.5	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	2.00		Contact Total	35.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 70.00

Total Student Learning Hours: 105.00

Title 5 Category: AA Degree Applicable

Grading: Grade Only

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly:

**Catalog Description:**

The the clinical usage of those therapeutic agents used in the practice of dentistry. The indications, dosage, methods of administration, contraindications and side effects of these agents will be studied to give the student hygienist a foundation in the physical manifestations to be expected in drug administration.

**Prerequisites/Corequisites:**

Course Completion of DH 70 and Course Completion of DH 71A ( or DH 71)

**Recommended Preparation:****Limits on Enrollment:****Schedule of Classes Information:**

Description: The clinical usage of those therapeutic agents used in the practice of dentistry. The indications, dosage, methods of administration, contraindications and side effects of these agents will be studied to give the student hygienist a foundation in the physical manifestations to be expected in drug administration. (Grade Only)

Prerequisites/Corequisites: Course Completion of DH 70 and Course Completion of DH 71A (

or DH 71)

Recommended:

Limits on Enrollment:

Transfer Credit: CSU;

Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>		Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>		Effective:	Inactive:
<b>IGETC:</b>	<b>Transfer Area</b>		Effective:	Inactive:
<b>CSU Transfer:</b>	Transferable	Effective:	Fall 1999	Inactive:
<b>UC Transfer:</b>		Effective:		Inactive:

**CID:**

**Certificate/Major Applicable:**

Major Applicable Course

## **COURSE CONTENT**

### **Outcomes and Objectives:**

The student should be able to:

1. Demonstrate a working knowledge of the vocabulary and terminology of pharmacology in order that he or she can read, interpret and converse intelligently about technical information pertaining to drugs.
2. Demonstrate a base knowledge of the mechanisms of action of drugs of different chemical categories and how they affect the body's physiology
3. Apply general principles of pharmacology to specific newly emerging medications.
4. Develop the ability to assess a patient's general medical status

### **Topics and Scope:**

#### **CONTENTS, TOPICS & SCOPE**

##### **A. Introduction**

1. General Pharmacology
2. Prescription Writing
3. Adverse Drug Reactions

##### **B. Drug Categories**

1. Anti-infective Agents
2. Endocrinology/Hormones
3. Antihistamines
4. Autonomic Drugs
5. Cardiovascular Drugs
6. Opioid Analgesics
7. Anti-anxiety Drugs
8. Anti-convulsant Drugs

9. Anti-neoplastic Drugs
  10. Analgesics
  11. Local Anesthetics
  12. General Anesthetics
  13. Psychotherapeutic Drugs
  14. Respiratory/GI Drugs
  15. Pregnancy/Lactation and Drugs
  16. Alcohol
- C. Overview and Synthesis
1. Medical Emergencies and Pharmacology
  2. Oral Conditions and their Treatment
  3. Abuse of Drugs

### Assignment:

Written assignments

Physicians' Desk Reference assignments

### Methods of Evaluation/Basis of Grade:

**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None, This is a degree applicable course but assessment tools based on writing are not included because problem solving assessments and skill demonstrations are more appropriate for this course.

Writing  
0 - 0%

**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Homework problems, Exams, Skills

Problem solving  
25 - 45%

**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Class performances, Field work, Performance exams

Skill Demonstrations  
10 - 30%

**Exams:** All forms of formal testing, other than skill performance exams.

Multiple choice, True/false, Matching items, Completion

Exams  
15 - 45%

**Other:** Includes any assessment tools that do not logically fit into the above categories.

Professionalism: See files for criteria used in evaluation.

Other Category  
10 - 45%

## **Representative Textbooks and Materials:**