



**Course Information**

<b>Course Title</b>	Pharmacology for the Dental Hygienist
<b>Course Prefix, Num. and Title</b>	DHYG 1235
<b>Division</b>	Allied Health
<b>Department</b>	Dental Hygiene
<b>Course Type</b>	WECM Course
<b>Course Catalog Description</b>	Classification of drugs and their uses, actions, interactions, side effects, contraindications, with emphasis on dental applications.
<b>Pre-Requisites</b>	DHYG 1339, 1304, 1261, 1227, 1319, AND 1307 with grade of C or better
<b>Co-Requisites</b>	Enter Co-Requisites Here.

**Semester Credit Hours**

<b>Total Semester Credit Hours (SCH): Lecture Hours:</b>	2:2:0
<b>Lab/Other Hours</b>	
<b>Equated Pay Hours</b>	2
<b>Lab/Other Hours Breakdown: Lab Hours</b>	Enter Lab Hours Here.
<b>Lab/Other Hours Breakdown: Clinical Hours</b>	Enter Clinical Hours Here.
<b>Lab/Other Hours Breakdown: Practicum Hours</b>	Enter Practicum Hours Here.
<b>Other Hours Breakdown</b>	List Total Lab/Other Hours Here.

**Approval Signatures**

<b>Title</b>	<b>Signature</b>	<b>Date</b>
<b>Prepared by:</b>		
<b>Department Head:</b>		
<b>Division Chair:</b>		
<b>Dean/VPI:</b>		
<b>Approved by CIR:</b>		

## Additional Course Information

**Topical Outline:** Each offering of this course must include the following topics (be sure to include information regarding lab, practicum, and clinical or other non-lecture instruction).

### A: GENERAL PRINCIPLES

1. Information, Sources, and Regulatory Agencies
2. Drug Action and Handling
3. Adverse Reactions
4. Prescription Writing

### B: DRUGS USED IN DENTISTRY

1. Autonomic Drugs
2. Nonopioid Analgesics
3. Opioid Analgesics and Antagonists
4. Antiinfective Agents
5. Antifungal and Antiviral Agents
6. Local Anesthetics
7. Antianxiety Agents
8. General Anesthetics
9. Vitamins and Minerals
10. Oral Conditions and Their Treatment

### C: DRUGS THAT MAY ALTER DENTAL TREATMENT

1. Cardiovascular Drugs
2. Anticonvulsants
3. Psychotherapeutic Agents
4. Autacoids and Antihistamines
5. Adrenocorticosteroids
6. Other Hormones
7. Antineoplastic Drugs
8. Respiratory and Gastrointestinal Drugs

### D: SPECIAL SITUATIONS

1. Emergency Drugs

### Course Learning Outcomes:

Learning Outcomes – Upon successful completion of this course, students will:

1. Differentiate the classification of drugs
2. Identify the uses, actions, and contraindications of drugs commonly taken by patients.
3. Recognize systemic and oral manifestations associated with drug use.
4. Familiarity with emergency drugs and recognizing and responding to a patient crisis situation.

**Methods of Assessment:**

Written Exams

**Required text(s), optional text(s) and/or materials to be supplied by the student:**

Oral Pharmacology for the Dental Hygienist, 2nd Edition, Weinberg, Mea A., Pearson, 978-0-13-255992-8

**Suggested Course Maximum:**

28

**List any specific or physical requirements beyond a typical classroom required to teach the course.**

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**Course Requirements/Grading System:** Describe any course specific requirements such as research papers or reading assignments and the generalized grading format for the course.

Scheduled exams -- 70%

Final exam -- 30%

A = 100 - 93

B = 92 - 84

C = 83 - 75

D = 74 - 67

F = 66 & below

Student must pass final examination with minimum score of 75.

**Curriculum Checklist:**

- Administrative General Education Course** (from ACGM, but not in WCJC Core) – No additional documents needed.
- Administrative WCJC Core Course.** Attach the Core Curriculum Review Forms
  - Critical Thinking
  - Communication
  - Empirical & Quantitative Skills
  - Teamwork
  - Social Responsibility
  - Personal Responsibility
- WECM Course** -If needed, revise the Program SCANS Matrix and Competencies Checklist