

**DH 80 Course Outline as of Fall 2000****CATALOG INFORMATION**

Dept and Nbr: DH 80

Title: ORAL PATH FOR DEN HYG

Full Title: Oral Pathology for the Dental Hygienist

Last Reviewed: 8/27/2018

| 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:**

Introduction to clinical and diagnostic general and oral pathology. Emphasis will be placed on the recognition of abnormalities. The student will gain sufficient knowledge upon which to base a reasonable differential diagnosis of any lesion which is likely to be met in general dental practice.

**Prerequisites/Corequisites:**

Course Completion of DH 74 and Concurrent Enrollment in DH 79

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

Description: Introduction to clinical and diagnostic general and oral pathology. Emphasis will be placed on the recognition of the presence of abnormalities. The student will gain sufficient knowledge upon which to base a reasonable differential diagnosis of any lesion which is likely to be met in general dental practice. (Grade Only)

Prerequisites/Corequisites: Course Completion of DH 74 and Concurrent Enrollment in DH 79

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 2000 | Inactive: |
| <b>UC Transfer:</b>  |                      | Effective:           | Inactive: |

**CID:**

**Certificate/Major Applicable:**

Certificate Applicable Course

## **COURSE CONTENT**

### **Outcomes and Objectives:**

- A. Describe visible, palpable or radiographic lesions using appropriate terminology.
- B. Recognize early pathologic changes in the oral cavity in order to intercept progression to later stage disease.
- C. Describe the usual signs, symptoms, prognosis, population distribution etiology and therapy for each of the various disease entity's in class.
- D. Synthesize information from clinical, radiographic, historic, laboratory, surgical and therapeutic sources and use this information to participate in formulating a differential diagnosis.
- E. Recognize the significance of systemic diseases to oral health and apply this knowledge to patient care planning.
- F. Describe the biologic mechanisms of the acute and chronic inflammatory responses and their relationship to pathologic conditions in the body and to the healing process.
- G. Describe the unique mechanisms of the immune response and how it functions in health and disease.
- H. Describe the normal development of the orofacial region and the pathologic processes that may occur during this development.
- I. Describe the cellular and tissue alterations which accompany benign and malignant neoplasms.
- J. Discuss the diagnostic process and treatment options for various neoplastic conditions.
- K. Recognize the process by which genetic abnormalities may produce oral and systemic pathology.
- L. Describe the variety of patterns of inheritance and how each type might be expressed.

## **Topics and Scope:**

- A. Overview of General Pathology
- B. Introduction to Preliminary Diagnosis of Oral Lesions
  - 1. the Diagnostic Process
  - 2. Variants of Normal
  - 3. Benign Conditions of Unknown Origin
- C. Inflammatory Processes and Repair
  - 1. Injury
  - 2. Inflammation: Acute/Chronic
  - 3. Regeneration and Repair
  - 4. Acute and Chronic Inflammatory Processes in the Oral Cavity
- D. Immunity
  - 1. The Immune Response; Antigen, Antibody and Memory
  - 2. Cells of the Immune Response
  - 3. Divisions of the Immune Response
  - 4. Active/Passive Immunity
  - 5. Immunopathology: Hypersensitivity/Autoimmune Disease/Immunodeficiencies
  - 6. Infections: Bacterial/Viral/Fungal
- E. Developmental Disorders
  - 1. Review of Embryonic Development of the Face, Oral Cavity and Teeth
  - 2. Developmental Soft Tissue Abnormalities
  - 3. Developmental Cysts
  - 4. Developmental Abnormalities of Teeth
- F. Neoplasia
  - 1. Etiology
  - 2. Classification and Nomenclature
  - 3. Treatment
  - 4. Leukoplakia and Erythroplakia
  - 5. Tumors of Epithelial Origin
  - 6. Salivary Gland Tumors
  - 7. Odontogenic Tumors
  - 8. Tumors of Muscle, Vessels, Bone, Cartilage and Blood Tissues
  - 9. Metastatic Tumors of the Jaws
- G. Genetics
  - 1. Review of Cell Division/DNA/RNA/Genes/Chromosomes
  - 2. Patterns of Inheritance
  - 3. Chromosomal Abnormalities
  - 4. Genetic Disorders of the Oral Cavity
- H. Oral Manifestations of Systemic Diseases
  - 1. Endocrine Disorders
  - 2. Diseases of Bones and Joints
  - 3. Blood and Bleeding Disorders
  - 4. Diseases of Skin
  - 5. Diseases of Nerves and Muscles
  - 6. Immunodeficiency
  - 7. Oral Sequelae of Oral Cancer Therapy
  - 8. Drug Effects in the Oral Cavity

## **Assignment:**

## Reading

Research Reports  
Slide Identification  
Develop Case Studies

### 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, Quizzes, Exams, SKILLS

Problem solving  
25 - 40%

**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 - 45%

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

Multiple choice, True/false, Matching items, Completion, FILL IN

Exams  
10 - 30%

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

Professionalism. Criteria used to evaluate on file.

Other Category  
15 - 45%

### Representative Textbooks and Materials:

Dental Hygiene Theory & Practice. Darby, M. and Walsh, M., WB Saunders, Philadelphia, 1995

Periodontal Instrumentation, Pattison, A. and Pattison, G., Norwalk: Appleton and Lange, 1992

Clinical Practice of the Dental Hygienist 7th Ed. Wilkins, E.M., Malvern: Williams & Wilkins, 1993

SUPPLEMENTARY TEXTS: Medical Emergencies in the Dental Office, 4th Ed., St. Louis, CV Mosby, 1993