

DH 80 Course Outline as of Fall 2008**CATALOG INFORMATION**

Dept and Nbr: DH 80 Title: ORAL PATHOLOGY

Full Title: Oral Pathology for the Dental Hygienist

Last Reviewed: 8/26/2024

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:

A clinical and diagnostic introduction to general and oral pathology. Emphasis will be placed on the recognition of the presence of abnormalities. The student will gain foundational knowledge upon which to base a 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: A clinical and diagnostic introduction to general and oral pathology. Emphasis will be placed on the recognition of the presence of abnormalities. The student will gain foundational knowledge upon which to base a 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:

AS Degree:	Area	Effective:	Inactive:
CSU GE:	Transfer Area	Effective:	Inactive:
IGETC:	Transfer Area	Effective:	Inactive:
CSU Transfer:	Transferable	Effective: Fall 2000	Inactive:
UC Transfer:		Effective:	Inactive:

CID:

Certificate/Major Applicable:

Major Applicable Course

COURSE CONTENT

Outcomes and Objectives:

Upon completion of this course, the student will be able to:

1. Define basic terminology relating to oral pathology and describe the clinical appearance of soft tissue lesions.
2. List and define the eight diagnostic categories that contribute to the diagnostic process.
3. Explain inflammation including clinical appearance and healing process of the body.
4. Describe the process of regeneration and repair.
5. Describe injuries to the teeth.
6. Describe injuries to the oral soft tissues.
7. Describe findings of injuries and inflammation on images.
8. Describe the primary difference between the immune response and the inflammatory response.
9. List and describe the four types of hypersensitivity reactions and give an example of each.
10. Describe oral diseases with immunologic pathogenesis.
11. Describe autoimmune diseases that affect the oral cavity.
12. Describe infectious diseases that affect the oral cavity.
13. Describe fungal diseases that affect the oral cavity.
14. Define and describe inherited disorders.
15. Define and describe developmental cysts.
16. Describe common etiologies for neoplasms.
17. Describe and give clinical and oral manifestations of therapy for oral cancer.
18. Explain what is meant by a gross chromosomal abnormality and give three examples of syndromes that result from gross chromosomal abnormalities.
19. Discuss the significance of systemic diseases to oral health and apply this knowledge to patient care planning.
20. State two symptoms of a temporomandibular disorder.
21. Describe how imaging is used in the evaluation of a patient with symptoms suggestive of temporomandibular dysfunction.

Topics and Scope:

A. Overview of General Pathology

1. Basic descriptive terminology
2. Basic imaging terminology

B. Introduction to preliminary diagnosis of oral lesions

1. The diagnostic process
2. Variants of normal

C. Inflammatory process and repair

1. Inflammation: acute/ chronic
2. Regeneration and repair

D. Physical and chemical injury

1. Injury to teeth
2. Injury to soft tissues
3. Radiographic findings

E. Immunity

1. The immune response; antigen, antibody, response
2. Cells of the immune response
3. Active/passive immunity
4. Divisions of the immune response
5. Immunopathology; hypersensitivity/autoimmune disease
6. Infections; bacterial/viral/fungal

F. Developmental disorders

1. Inherited disorders
2. Developmental soft tissues abnormalities
3. Developmental cysts
4. Developmental abnormalities of the teeth

G. Neoplasia

1. Etiology
2. Classification and nomenclature
3. Treatment of neoplasms
4. Neoplasia classified as precancerous
5. Neoplasia of epithelial origin
6. Salivary gland neoplasia
7. Odontogenic neoplasia
8. Neoplasia of muscle, vessels, bone, cartilage and blood tissues
9. Metastatic neoplasia of the jaws
10. Oral sequelae of oral cancer therapy

H. Genetics

1. Review of cell division
2. Chromosomal abnormalities
3. Patterns of inheritance
4. Genetic disorders of the oral cavity
5. Genetic disorders of the teeth

I. Oral Manifestations of systemic diseases

1. Significance of systemic diseases
2. Endocrine disorders
3. Diseases of bones and joints
4. Blood and bleeding disorders
5. Diseases of the skin
6. Diseases of nerves and muscles

7. Immunodeficiency (Human Immunodeficiency Virus (HIV) infections)
- J. Temporomandibular disorders
 1. Clinical signs and patient symptoms
 2. Radiographic diagnostic procedures
 3. Treatment

Assignment:

1. Quizzes (8-10)
2. Midterm
3. Final examination
4. Slide identification (75 slides)
5. Case based exercises (2-4)
6. Student presentation of cases (2)
7. Professionalism as defined in the Dental Program Student Handbook

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 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.

Slide identification, case-based exercises, student case presentations

Problem solving
50 - 65%

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

None

Skill Demonstrations
0 - 0%

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

Multiple choice, True/false, Matching items, Fill-in: Quizzes, Midterm, Final

Exams
30 - 40%

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

Professionalism

Other Category
5 - 10%

Representative Textbooks and Materials:

REQUIRED TEXTBOOKS: Oral Pathology for the Dental Hygienist; Phelan, Joan, Isben, Olga; Saunders, 4th Ed., 2004

SUPPLEMENTAL TEXTS: Clinical Practice of the Dental Hygienist; Wilkins, Esther M.; Williams & Wilkins; Lea & Febiger, 9th Ed., 2008.

Dental Hygiene Theory and Practice; Darby and Walsh; Elsevier Saunders; 2nd Ed., 2003

General and Oral Pathology for the Dental Hygienist; DeLong L.; Burkhart, Lippincott, 2008