

University of Arkansas - Fort Smith
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General Syllabus

DHYG 3453 General and Oral Pathology

Credit Hours: 3

Lecture Hours: 3

Laboratory Hours: 0

Prerequisites: BIOL 1463/1461 Microbiology and Immunology/Lab, BIOL 2213/2211 Human Physiology/Lab, DHYG 2111 Dental Anatomy and Occlusion, DHYG 2313 Radiology, DHYG 2432 Head and Neck Anatomy, DHYG 3102 Pre-Clinical Dental Hygiene, DHYG 3103 Pre-Clinical Dental Hygiene Theory, DHYG 3412 Oral Embryology and Histology

Corequisites: DHYG 3113 Clinic I Theory, DHYG 3212 Periodontology I, DHYG 3213 Dental Hygiene Clinic I, DHYG 3443 Pharmacology

Effective Catalog: 2018-2019

I. Course Information

A. Catalog Description

Concepts of general pathology including inflammation, immunology, microorganisms, neoplasm, and hormonal influence. Emphasis on diseases and their manifestations in the oral cavity, and on the recognition of abnormal oral conditions, as well as systemic disorders that require modifications in patient management.

B. Additional Information-None

II. Student Learning Outcomes

A. Subject Matter

Upon completion of this course, the student will:

1. Discuss the process of wound healing.
2. Collect appropriate data to be utilized for differential diagnosis.
3. Relate pathological conditions to their causes.
4. Discuss the relationship between pathological conditions and their therapeutic agents.
5. Identify and describe clinical and radiographic abnormal conditions involving the oral cavity.

6. Differentiate between normal and abnormal conditions of the oral cavity.

B. University Learning Outcomes

This course enhances student abilities in the following areas:

Analytical Skills

Critical Thinking Skills: Students will analyze information presented in online continuing education courses relevant to topics of study and successfully complete two courses.

Communication Skills (written and oral)

Students will present current research information on an assigned oral pathology topic to their peers.

III. Major Course Topics

1. Preliminary diagnosis of oral lesions
2. Inflammation and repair
3. Immunity
4. Infectious diseases
5. Developmental disorders
6. Genetics
7. Neoplasia
8. Non-neoplastic disease of bone
9. Oral manifestations of systemic diseases
10. Diseases affecting the temporo-mandibular joint