

**DHYG 227 - GENERAL AND ORAL PATHOLOGY**      3 CREDITS

**SYLLABUS**

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**CATALOG DESCRIPTION**

An introduction to general and oral pathology with an emphasis on diseases affecting the oral region, including the principles of inflammation and healing; developmental disturbances; the pathology of dental caries; dental and oral abnormalities; bacterial, viral and mycotic diseases; oral injuries and neoplasms. Premalignant lesions and their differences from common benign conditions are emphasized.

Prerequisites: DHYG 110, 112, 113, 114, 115, 217 Corequisites: DHYG 222, 223, 224, 231

Semester Offered: Spring

***COMMON STUDENT LEARNING OUTCOMES***

*Upon successful completion of San Juan College programs and degrees, the student will demonstrate competency in...*

**BROAD AND SPECIALIZED LEARNING**

Students will actively and independently acquire, apply, and adapt skills and knowledge with an awareness of global contexts.

**CRITICAL THINKING**

Students will think analytically and creatively to explore ideas, make connections, draw conclusions and solve problems.

**CULTURAL AND CIVIC ENGAGEMENT**

Students will act purposefully, reflectively, and ethically in diverse and complex environments.

**EFFECTIVE COMMUNICATION**

Students will exchange ideas and information with clarity in multiple contexts.

**INFORMATION LITERACY**

Students will be able to recognize when information is needed and have the ability to locate, evaluate, and use it effectively.

**INTEGRATING TECHNOLOGIES**

Students will demonstrate fluency in the application and use of technologies in multiple contexts.

Student work from this class may be randomly selected and used anonymously for assessment of course, program, and/or institutional learning outcomes. For more information, please refer to the Dean of the appropriate School.

## COURSE LEARNING OUTCOMES

*Upon successful completion of the course, the student will be able to...*

1. Describe the cellular mechanism of inflammation, neoplasia, and wound healing and recognize the influence of the immune system on these conditions.
2. Describe the process by which cellular disease mechanisms affect specific body organ systems.
3. Identify and describe the clinical manifestations of the mechanisms of inflammation, neoplasia, wound healing, and other conditions of the head and neck region.
4. Distinguish among groups of symptoms such as reactive, neoplastic, infectious, and developmental.
5. Assess and categorize clinical characteristics and radiographic features of pathological conditions to a level that allows a differential diagnosis.
6. Correlate the signs and symptoms or oral abnormalities with etiologic factors.
7. Describe and identify common oral lesions.
8. Determine whether referral for definitive diagnosis is needed.
9. Conduct clear and tactful discussion of clinical manifestations of disease with the dentist, patients, and other health professionals.
10. Through scholarly research, discover and disseminate new knowledge in the area of oral pathology as it applies to the practice of dental hygiene via current literature.
11. Demonstrate the clinical application of oral pathology as it relates to dental hygiene treatment and management of patients