



## Course Number and Title: DHY 161 Oral Pathology

**Campus Location:**

Dover, Wilmington

**Effective Date:**

2018-51

**Prerequisite:**

BIO 121, DHY 121, DHY 132, SSC 100 or concurrent

**Co-Requisites:**

none

**Course Credits and Hours:**

3.00 credits

3.00 lecture hours/week

0.00 lab hours/week

**Course Description:**

This course is the study of the etiology, clinical signs and symptoms, and treatment of pathological conditions related to the oral cavity. Emphasis is also placed on the interaction between oral pathology and systemic pathology.

**Required Text(s):**

Obtain current textbook information by viewing the [campus bookstore - https://www.dtcc.edu/bookstores](https://www.dtcc.edu/bookstores) online or visit a campus bookstore.

Check your course schedule for the course number and section.

**Additional Materials:**

Dental Hygiene Program Policy and Procedures Manual

Allied Health/Science Department Program Student Policy Manual

Large three-ring binder

**Schedule Type:**

Classroom Course

**Disclaimer:**

None

**Core Course Performance Objectives (CCPOs):**

1. Apply appropriate terminology to describe diseases and the disease process. (CCC 1, 2, 3, 4, 5, 6; PGC 1, 5)
2. Relate the underlying tissue responses involved in diseases to their clinical manifestations. (CCC 1, 2, 4, 5, 6; PGC 1)
3. Differentiate among the various pathological conditions affecting the oral region in terms of their etiology, clinical signs and symptoms, and basic treatment modalities. (CCC 1, 2, 4, 5, 6; PGC 1, 2, 5, 6)

See Core Curriculum Competencies and Program Graduate Competencies at the end of the syllabus. CCPOs are linked to every competency they develop.

**Measurable Performance Objectives (MPOs):**

Upon completion of this course, the student will:

1. Apply appropriate terminology to describe diseases and the disease process.
  1. Discuss the following terms: pathology, disease, etiology, pathogenesis, signs and symptoms, diagnosis, and prognosis.
  2. Describe the categories of disease.
  3. Relate the terms that describe the course of a disease.
  4. Apply appropriate terminology to describe the clinical and/or radiographic findings associated with pathological conditions affecting the oral region.
2. Relate the underlying tissue responses involved in diseases to their clinical manifestations.
  1. Differentiate among the following host responses to injury: developmental anomalies, atrophy, degeneration, necrosis, hypertrophy, hyperplasia, metaplasia, neoplasia, circulatory disturbances, and inflammation.
  2. Relate the vascular and cellular responses in acute inflammation to the cardinal signs and to the formation of the inflammatory exudate.
  3. Distinguish between acute inflammation and chronic inflammation.
  4. Differentiate between regeneration and repair.
  5. Discuss the steps in wound healing.
  6. Differentiate among the immunopathologic mechanisms for hypersensitivity reactions, immunodeficiencies, and autoimmune diseases.
  7. Discuss theoretical and clinical aspects of neoplasia and the clinical classification of neoplastic diseases.
3. Differentiate among the various pathological conditions affecting the oral region in terms of their etiology, clinical signs and symptoms, and basic treatment modalities.
  1. Compare the pathologic conditions affecting the teeth.
  2. Identify the etiology, clinical features, and treatment of the developmental anomalies affecting oral and para-oral structures.
  3. Discriminate among the various cysts, odontogenic tumors, and nonneoplastic conditions of bone affecting the oral region.
  4. Differentiate among the following lesions affecting the oral mucosa:
    1. Red and white lesions
    2. Pigmented lesions
    3. Ulcerative, vesicular, and bullous lesions
    4. Reactive nodular lesions and other hyperplastic lesions
  5. Compare the benign and malignant neoplasms affecting the head and neck region.
  6. Describe the pathophysiology of salivary gland disease.
  7. Describe the various infectious diseases affecting the oral region.
  8. Compare the disorders of the blood and their oral manifestations.
  9. Discuss the implications oral and systemic diseases have on the provision of care to the patient by the dental hygienist.

**Evaluation Criteria/Policies:**

Students must demonstrate proficiency on all CCPOs at a minimal 75 percent level to successfully complete the course. The grade will be determined using the Delaware Tech grading system:

92	-	100	=	A
83	-	91	=	B
75	-	82	=	C
0	-	74	=	F

Students should refer to the [Student Handbook - https://www.dtcc.edu/handbook](https://www.dtcc.edu/handbook) for information on the Academic Standing Policy, the Academic Integrity Policy, Student Rights and Responsibilities, and other policies relevant to their academic progress.

**Core Curriculum Competencies (CCCs are the competencies every graduate will develop):**

1. Apply clear and effective communication skills.
2. Use critical thinking to solve problems.
3. Collaborate to achieve a common goal.
4. Demonstrate professional and ethical conduct.
5. Use information literacy for effective vocational and/or academic research.
6. Apply quantitative reasoning and/or scientific inquiry to solve practical problems.

**Program Graduate Competencies (PGCs are the competencies every graduate will develop specific to his or her major):**

1. Collect and analyze baseline data in a critical and scientific manner regarding the patient's health status to determine dental hygiene treatment needs.
2. Utilizing professional communication skills and behaviors, initiate and responsibly advocate health care promotion and disease prevention for diverse populations.
3. Provide dental hygiene care in a safe manner.
4. Utilizing self-assessment skills, evaluate clinical performance and the effectiveness of dental hygiene treatment.
5. Accurately document information related to dental hygiene care through proper record keeping.
6. Recognize and manage the professional and ethical issues of dental hygiene practice in a dynamic environment.

**Disabilities Support Statement:**

The College is committed to providing reasonable accommodations for students with disabilities. Students are encouraged to schedule an appointment with the campus Disabilities Support Counselor to request an accommodation needed due to a disability. A listing of campus Disabilities Support Counselors and contact information can be found at the [disabilities services - https://www.dtcc.edu/disabilitysupport](https://www.dtcc.edu/disabilitysupport) web page or visit the campus Advising Center.