

Montgomery County Community College
DHG 157
Oral Pathology
2-2-0

COURSE DESCRIPTION:

This course familiarizes the students with the fundamentals of microscopic and gross pathology. Building on the concepts of general histology and embryology, the nature of disease is addressed with respect to etiology, mechanism of disease formation, inflammation, and the body's response to injury. The clinical presentation of basic disease processes that affect the oral cavity and the clinical and histological recognition of oral neoplasia are emphasized.

PREREQUISITE(S):

DHG 100-Theory & Practice of Dental Hygiene I

DHG 111-Dental Anatomy

DHG 155-Dental Radiography

DHG 113 Dental Histology and Embryology

CO-REQUISITE(S):

DHG 158 - Theory and Practice of Dental Hygiene II

DHG 161 - Periodontics I

LEARNING OUTCOMES Upon successful completion of this course, the student will be able to:	LEARNING ACTIVITIES	EVALUATION METHODS
1. Describe the basic process of inflammation and disease formation.	Lecture Group Discussion Case Studies Games Learning Modules	Case-Based Exams Discussion Board Postings Projects
2. Acquire a working knowledge of diseases that affect the oral cavity.	Lecture Group Discussion Case Studies Games Learning Modules	Case-Based Exams Discussion Board Postings Projects
3. Describe diagnostic principles used to identify lesions and conditions.	Lecture Group Discussion Games Collaborative Assignments Case Studies Learning Modules	Case-Based Exams Discussion Board Postings Projects

LEARNING OUTCOMES	LEARNING ACTIVITIES	EVALUATION METHODS
4. Describe the etiology of oral diseases in light of histologic findings.	Lecture Group Discussion Collaborative Assignments Case Studies Games Learning Modules	Case-Based Exams Discussion Board Postings Projects
5. Recognize oral tissue alterations, deviations, and abnormal findings.	Lecture Group Discussion Collaborative Assignments Case Studies Games Learning Modules	Case-Based Exams Discussion Board Postings Projects
6. Learn how to obtain relevant information from the patient as part of the diagnostic process.	Lecture Group Discussion Collaborative Assignments Games Learning Modules Case Studies	Case-Based Exams Discussion Board Postings Projects
7. Develop skills in discussing the processes and implications of oral diseases with other health professionals.	Lecture Group Discussion Collaborative Assignments Games Learning Modules Case Studies	Case-Based Exams Discussion Board Postings Projects

At the conclusion of each semester/session, assessment of the learning outcomes will be completed by course faculty using the listed evaluation method(s). Aggregated results will be submitted to the Director of Educational Effectiveness. The benchmark for each learning outcome is that *70% of students will meet or exceed outcome criteria.*

SEQUENCE OF TOPICS:

1. Introduction to Pathology
2. Inflammation and Inflammatory Lesions
3. Immunity
4. Infectious Diseases
5. Developmental Disorders
6. Genetics
7. Neoplasia
8. Non -Neoplastic Diseases of Bone
9. Oral Manifestations of Systemic Diseases

LEARNING MATERIALS:

Texts:

- Ibsen, Olga A. and Scott Peters. *Oral Pathology for the Dental Hygienist*. (8th Ed.). Elsevier-Saunders, 2022.
- Langlais, Robert, et al. *Color Atlas of Common Oral Diseases* (Enhanced 5th ed.). Jones and Bartlett Learning, 2020.

Other:

- Clinic Handbook 2025-2026, Montgomery County Community College
- Proctor and Gamble Continuing Education Credits provided by www.dentalcare.com
- Other learning materials may be required and made available directly to the student and/or via the College's Libraries and/or course management system.

COURSE APPROVAL:

Prepared by: Natalia Griga, M.Ed., MPH, RDH, PHDHP

Date: 12/5/2024

VPAA or designee Compliance Verification:

Date: 3/20/2025



This course is consistent with Montgomery County Community College's mission. It was developed, approved, and will be delivered in full compliance with the policies and procedures established by the College.