

DH R021: GENERAL AND ORAL PATHOLOGY FOR DENTAL HYGIENE

Originator

aderdiarian

College

Oxnard College

Discipline (CB01A)

DH - Dental Hygiene

Course Number (CB01B)

R021

Course Title (CB02)

General and Oral Pathology for Dental Hygiene

Banner/Short Title

General and Oral Pathology

Credit Type

Credit

Start Term

Fall 2020

Catalog Course Description

This is a study of the pathological processes of inflammation, immunology defense, degeneration, neoplasm, developmental disorders, and healing and repair. This class focuses on the recognition of abnormalities in the human body with a special emphasis on normal and abnormal conditions in the oral cavity. Field trips may be required. Limitations on Enrollment: Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross) Proof of freedom from and immunity to communicable diseases No acrylic or long nails in clinical settings Current negative TB test or chest x-ray Physical examination demonstrating general good health No visible tattoos or visible body piercings except single studs in earlobes

Taxonomy of Programs (TOP) Code (CB03)

1240.20 - *Dental Hygienist

Course Credit Status (CB04)

D (Credit - Degree Applicable)

Course Transfer Status (CB05) (select one only)

C (Not transferable);

Course Basic Skills Status (CB08)

N - The Course is Not a Basic Skills Course

SAM Priority Code (CB09)

C - Clearly Occupational

Course Cooperative Work Experience Education Status (CB10)

N - Is Not Part of a Cooperative Work Experience Education Program

Course Classification Status (CB11)

Y - Credit Course

Educational Assistance Class Instruction (Approved Special Class) (CB13)

N - The Course is Not an Approved Special Class

Course Prior to Transfer Level (CB21)

Y - Not Applicable

Course Noncredit Category (CB22)

Y - Credit Course

Funding Agency Category (CB23)

Y - Not Applicable (Funding Not Used)

Course Program Status (CB24)

1 - Program Applicable

General Education Status (CB25)

Y - Not Applicable

Support Course Status (CB26)

N - Course is not a support course

Field trips

May be required

Grading method

Letter Graded

Does this course require an instructional materials fee?

No

Repeatable for Credit

No

Is this course part of a family?

No

Units and Hours

Carnegie Unit Override

No

In-Class

Lecture

Minimum Contact/In-Class Lecture Hours

70

Maximum Contact/In-Class Lecture Hours

70

Activity

Laboratory

Total in-Class

Total in-Class

Total Minimum Contact/In-Class Hours

70

Total Maximum Contact/In-Class Hours

70

Outside-of-Class

Internship/Cooperative Work Experience

Paid

Unpaid

Total Outside-of-Class

Total Outside-of-Class

Minimum Outside-of-Class Hours

140

Maximum Outside-of-Class Hours

140

Total Student Learning

Total Student Learning

Total Minimum Student Learning Hours

210

Total Maximum Student Learning Hours

210

Minimum Units (CB07)

4

Maximum Units (CB06)

4

Prerequisites

DH R010, DH R011, DH R012, DH R013, DH R014, and DH R015

Corequisites

DH R020, DH R022, DH R023, DH R024, and DH R025

Limitations on Enrollment

- Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross)
- Proof of freedom from and immunity to communicable diseases
- No acrylic or long nails in clinical settings
- Current negative TB test or chest x-ray
- Physical examination demonstrating general good health
- No visible tattoos or visible body piercings except single studs in earlobes

Student Learning Outcomes (CSLOs)

Upon satisfactory completion of the course, students will be able to:	
1	Identify and explain the various pathological processes of inflammation placing them in the correct chronological order.
2	Identify host cells taking part in the inflammatory process.
3	Identify and explain the various components of the immune system.
4	Identify common intraoral lesions.

Course Objectives

Upon satisfactory completion of the course, students will be able to:	
1	Identify and explain the various pathological processes of disease, inflammation, immunology defense, degeneration, neoplasm, developmental disorders, and healing and repairs
2	Recognize abnormalities in the human body with a special emphasis on normal and abnormal conditions in the oral cavity
3	Explain the body processes involved in disease formation and the systems the body employs in its defense
4	Identify etiologic factors and the signs and symptoms that are associated with diseases
5	Describe the body systems responsible for adaptation, wound healing, and repair
6	Recognize abnormal oral or health related conditions that must be called to the attention of a dentist or those that preclude, or alter, dental hygiene practice

- 7 Analyze the social and economic significance of disease and disease control
- 8 Report major disease entities with emphasis on those that occur in the oral cavity
- 9 Appraise the degenerative and regenerative processes associated with pathogenesis
- 10 Examine oral tissues and recognize a deviation from normal that may be present

Course Content

Lecture/Course Content

1. Diagnosis
2. Lesions
3. Inflammation and Repair
4. The Immune System
5. The Cardiac System and Heart Disease
6. The Vascular System and Blood Dyscrasis
7. The Respiratory System and Lung Disease
8. The Endocrine System and Lung Disease
9. Developmental Disorders
10. Neoplasia
11. Genetics
12. Oral Manifestations of Systemic Disease
13. Oral Manifestations of Cancer Therapy and the Effects of Drugs on the Oral Tissues

Laboratory or Activity Content

No lab component

Methods of Evaluation

Which of these methods will students use to demonstrate proficiency in the subject matter of this course? (Check all that apply):

Written expression

Methods of Evaluation may include, but are not limited to, the following typical classroom assessment techniques/required assignments (check as many as are deemed appropriate):

Essay exams

Objective exams

Quizzes

Instructional Methodology

Specify the methods of instruction that may be employed in this course

Class discussions

Case studies

Lecture

Representative Course Assignments

Writing Assignments

1. The student will write reports from readings in journals

Reading Assignments

1. Student will spend a minimum of 4 hours per week outside of the regular class time doing independent reading from the assigned texts and studying

Outside Assignments

District General Education

- A. Natural Sciences
- B. Social and Behavioral Sciences
- C. Humanities
- D. Language and Rationality
- E. Health and Physical Education/Kinesiology
- F. Ethnic Studies/Gender Studies

CSU GE-Breadth

Area A: English Language Communication and Critical Thinking

Area B: Scientific Inquiry and Quantitative Reasoning

Area C: Arts and Humanities

Area D: Social Sciences

Area E: Lifelong Learning and Self-Development

CSU Graduation Requirement in U.S. History, Constitution and American Ideals:

IGETC

Area 1: English Communication

Area 2A: Mathematical Concepts & Quantitative Reasoning

Area 3: Arts and Humanities

Area 4: Social and Behavioral Sciences

Area 5: Physical and Biological Sciences

Area 6: Languages Other than English (LOTE)

Textbooks and Lab Manuals

Resource Type

Textbook

Description

Damjanov, Ivan (2011). *Pathology for the Health Professions* (4th). Missouri Elsevier.

Resource Type

Textbook

Description

Ibsen, Olga A.C. and Joan Anderson Phelan, (2008). *Oral Pathology for the Dental Hygienist* (5th). New York Saunders.

Resource Type

Textbook

Description

Langlais, Robert P (2009). *Color Atlas of Common Oral Diseases* (4th). New York Lea and Febiger.

Resource Type

Other Resource Type

Description

The Journal of the American Dental Association.

Primary Minimum Qualification

DENTAL TECHNOLOGY

Review and Approval Dates

Department Chair

09/26/2019

Dean

09/26/2019

Technical Review

10/09/2019

Curriculum Committee

10/09/2019

DTRW-I

MM/DD/YYYY

Curriculum Committee

10/23/2019

Board

MM/DD/YYYY

CCCCO

MM/DD/YYYY

Control Number

CCC000187647

DOE/accreditation approval date

MM/DD/YYYY