

|                              |                       |
|------------------------------|-----------------------|
| <b>COURSE PREFIX/NO:</b>     | <b>DHG 141</b>        |
| <b>COURSE TITLE</b>          | <b>Periodontology</b> |
| <b>LECTURE HRS/WK:</b>       | <b>2.0</b>            |
| <b>LAB HRS/WK:</b>           | <b>0</b>              |
| <b>CREDITS HRS/SEMESTER:</b> | <b>2.0</b>            |

[Distance Learning Attendance/VA Statement](#)  
[Textbook Information](#)

## **COURSE DESCRIPTION**

This course presents a study of the principles, etiologies, classifications and treatment of periodontal disease with emphasis on the role of the dental hygienist.

## **LEARNING OBJECTIVES**

### **I. Module I: Periodontal Diseases: Introduction and Background**

1. Describe the anatomical, histological, and clinical characteristics of periodontal health.
2. Explain the etiology and pathogenesis of periodontal disease.
3. Relate clinical signs to the anatomical changes seen in periodontal disease, with emphasis on inflammation.
4. Compare and contrast the following forms of periodontal disease with emphasis on etiology, clinical presentation and treatment. Utilize the New Classification of Periodontal Disease (1999)
  - a. Gingival diseases
  - b. Chronic periodontitis.
  - c. Aggressive periodontitis
  - d. Periodontitis as a manifestation of systemic disease
  - e. Necrotizing periodontal diseases
  - f. Abscess of the periodontium
  - g. Periodontitis associated with endodontic lesions
  - h. Developmental or acquired deformities and conditions

### **II. Module II: Periodontal Diseases: Assessment Phase**

1. Documenting Patient History
2. Periodontal Clinical Examination
3. Detecting and Monitoring Periodontal Diseases

### **III. Module III : Periodontal Diseases: Prevention and Treatment Phase**

1. Explain the role of the dental hygienist in the treatment and management of periodontal disease.
2. Formulate a plan of preventive procedures for adult periodontitis during and after active treatment.
3. Review the following basic types of periodontal therapy and explain the indications of:
  - a. oral physiotherapy

- b. scaling and root planing
- c. chemotherapeutics
- d. surgical procedures
- 4. Discuss the following surgical techniques and their rationale:
  - a. curettage
  - b. gingivectomy
  - c. periodontal flap surgery
  - d. osseous surgery
  - e. osseous regeneration
  - f. gingival augmentation (Mucogingival surgery)
  - g. implants
- 5. Periodontal Treatment of the Medically Compromised Patient

#### **IV. Module IV Periodontal Diseases: Case Studies**

#### **COURSE REQUIREMENTS**

To successfully complete DHG 141, the student is required to fulfill the following requirements:

1. Attend all lecture sessions
2. Complete all reading assignments prior to class sessions
3. Successfully complete all written tests with a minimum grade of 80%.
4. Adhere to dress code
5. Inform the instructor before class (if possible) that you will be absent

#### **METHOD OF INSTRUCTION**

Lectures and PowerPoint Presentations  
 Discussions  
 Audio-visual aids  
 Reading Assignments  
 Handouts  
 Written Tests  
 Case Studies

#### **ATTENDANCE**

If students are absent for more than 10% of the scheduled classes, they may be withdrawn. Three tardies constitute one absence.

#### **GRADING**

|   |              |
|---|--------------|
| A | 100-94       |
| B | 93-87        |
| C | 86-80        |
| D | 79 -73       |
| F | 72 and Below |

**CO-REQUISITES:** DHG 140, DHG 175

**PREREQUISITES:** DHG 165, DHG 121, AHS 113

**Disabilities Statement:** Any student who feels s/he may need an accommodation based on the impact of a disability should contact the Special Resources Offices (SR) at 803-327-8007 in the 300 area of Student Services. The SRO coordinates reasonable accommodations for students with documented disabilities.