

## MASTER SYLLABUS

**COURSE NO., HOURS AND TITLE:** DH 341-2 Periodontics

**INSTRUCTOR:** TBD

### **INSTRUCTOR CONTACT INFORMATION:**

Telephone: TBD

E-mail: TBD

Office Location: TBD

Office Hours: TBD

### **COURSE DESCRIPTION:**

The student will be introduced to identification, treatment and prevention of pathological conditions that affect the periodontium. Includes assessment, diagnosis, and initial treatment of periodontal diseases. Emphasis will be placed on anatomy and histology of normal periodontal tissues, etiology of periodontal diseases and resulting tissue changes. Lecture two hours. Length of course: 16 weeks. Concurrent enrollment in DH 340, DH 341L. Prerequisites: DH 212, DH 220, DH 220C and DH 226.

### **COURSE OBJECTIVES:**

Upon completion of this course, the student will be able to:

#### **Basic periodontology**

1. State the goal of nonsurgical periodontal therapy (NSPT).
2. Identify clinical radiographic and histological characteristics of the periodontium
3. Explain the etiology and pathogenesis of periodontal disease including systemic factors and microbiology.
4. Classify periodontal disease based on clinical characteristics and observations in accordance with the American Academy of Periodontology (AAP).
5. Prepare a clinical record of a patient's existing periodontal conditions: plaque scores, state of gingival tissues, pocket depths, gingival levels (attachment loss), radiographic appearance, occlusion, and other pertinent findings.
6. Develop an appropriate dental hygiene treatment plan based on clinical findings employing ADPIE(D).
7. Identify and use techniques and instrumentation involved in periodontal debridement: scaling and root planing.
8. Identify and use procedures in the prevention of periodontal diseases: mechanical, drugs, nutrition, local factors, and index scores.
9. Describe various periodontal surgical procedures and soft tissue management techniques.
10. Use effective communication with patients and peers on providing information about the various aspects of periodontics and disease prevention.

## CONTENT OUTLINE:

Topics	Percentages
I. Tissues of the Periodontium	5%
a. Structures of the periodontium	
b. Structure of relationship to disease	
II. Clinical Examination	35%
a. Health history	
b. Oral hygiene assessment	
c. Dental hygiene diagnosis & process of care (ADPIE[D])	
III. Gingival Diseases	30%
a. Plaque-induced gingival lesions	
b. Non-plaque-induced lesions	
i. Acute herpetic gingivostomatitis	
c. Drug-influenced gingival lesions	
i. Gingival enlargement	
IV. Periodontal Diseases	30%
a. Chronic periodontitis	
b. Localized/generalized periodontitis	
c. Aggressive periodontitis	
d. Occlusal trauma	
e. Necrotizing periodontal disease	
f. Periodontitis as a manifestation of systemic disease	
Total:	100%

## TEXTBOOKS:

### Required:

Gehrig, JS & Willmann, DE. *Foundations of periodontics for the dental hygienist, 4th ed.*  
Lippincott, Williams & Wilkins, 2011: Philadelphia