

## **Course Description**

**DEH 2602 | Periodontology I | 1 credit**

This course will introduce the student to the concepts of non-surgical periodontal therapy, risk factors in periodontal diseases, the components of the comprehensive periodontal assessment, and care plan. Emphasis will be placed on identifying the tissues of the periodontium and their functions. The role of plaque and calculus in periodontal disease will be studied, as well as the importance of correlating radiographic findings with periodontal disease. Evidence-based care planning will be highlighted. Furthermore, the course will introduce the importance of case presentation in modifying the patient's self-care.

## **Course Competencies**

### **Competency 1:**

The student will demonstrate knowledge and comprehension of “Non-Surgical Periodontal Therapy” by:

- a. Defining “Non-Surgical Periodontal Therapy”.
- b. Listing the required components of “Non-Surgical Periodontal Therapy” Case Report (NSPT)
- c. Defining root planing.

### **Learning Outcomes**

- \*Learning outcome 1\* Communication
- \*Learning outcome 2\* Critical Thinking
- \*Learning outcome 3\* Information Literacy
- \*Learning outcome 4\* Computer / Technology Usage
- ...

### **Competency 2:**

The student will demonstrate knowledge and comprehension of periodontal assessment by:

- a. Listing and describing the components of a comprehensive periodontal assessment.
- b. Comparing and contrasting the periodontal indices presented.
- c. Defining and describe the rationale for a post probe.

### **Learning Outcomes**

- \*Learning outcome 1\* Communication
- \*Learning outcome 2\* Critical Thinking
- \*Learning outcome 3\* Information Literacy
- \*Learning outcome 4\* Computer / Technology Usage
- ...

### **Competency 3:**

The student will demonstrate knowledge and comprehension of the process of dental hygiene care planning by:

- a. Describing the term “care plan” and providing the traditional phases of a dental care plan.
- b. Outlining the clinical components of the dental hygiene care plan which are delivered during phase I-IV therapy.
- c. Summarizing the four components of care planning: priorities, goals and evaluations, interventions and documentation.

#### Learning Outcomes

- \*Learning outcome 1\* Communication
- \*Learning outcome 2\* Critical Thinking
- \*Learning outcome 3\* Information Literacy
- \*Learning outcome 4\* Computer / Technology Usage
- ...

### **Competency 4:**

The student will demonstrate knowledge and comprehension of the tissues of the periodontium and their functions by:

- a) Stating and describing the histological components of the periodontium.
- b) Differentiating between the types of oral epithelium and connective tissue.
- c) Listing and describing the components of the gingiva, cementum, periodontal ligament and alveolar bone and their function.

- Learning Outcomes
- \*Learning outcome 1\* Communication
- \*Learning outcome 2\* Critical Thinking
- \*Learning outcome 3\* Information Literacy
- \*Learning outcome 4\* Computer / Technology Usage