

## **Course Description**

### **DEH 1800 | Dental Hygiene 1 | 2 credits**

This course is concerned with the principles of skills required in the removal of hard and soft deposits from the teeth, including use of a dental handpiece, prophylaxis paste, ultrasonic scaling, and air polishing; preparing the patient's care plan; providing preventive and educational procedures such as sealants, and calculus charting; applying the principles of Angle's Classification of Occlusion; caring for orthodontic appliances and prostheses; management of the pediatric patient; valuing the need for sharp instruments; applying the principles of desensitization with appropriate clinical agents; applying the principles of dental charting; utilizing the principles of a comprehensive intra- and extra-oral examination; and researching a dental topic and writing an APA-style paper for eventual creation of an informative poster.

## **Course Competencies**

### **Competency 1: EXTRINSIC STAIN REMOVAL**

The student will demonstrate knowledge and comprehension of extrinsic stain removal by:

- a. Stating the American Dental Hygienists' Association position on extrinsic stain removal.
- b. Listing the effects of polishing the tooth surfaces.
- c. Explaining the indications for extrinsic stain removal.

### **Learning Outcomes**

- \*Learning outcome 1\*Communication
- \*Learning outcome 2\*Numbers / Data
- \*Learning outcome 3\*Critical Thinking
- \*Learning outcome 4\*Information Literacy
- \*Learning outcome 5\*Social Responsibility
- \*Learning outcome 6\*Ethical issues
- \*Learning outcome 7\*Computer / Technology Usage
- \*Learning outcome 8\*Aesthetic / Creative Activities
- ...

### **Competency 2: CARE PLANNING & DENTAL HYGIENE PROCESS OF CARE**

The student will employ critical decision-making skills to formulate a comprehensive care plan that reflects the patient's needs by:

- a. Explaining each component of the Dental Hygiene Process of Care.
- b. Defining care plan and explaining its importance.

c. Describing preventive, educational and therapeutic dental hygiene services.

#### Learning Outcomes

- \*Learning outcome 1\*Communication
- \*Learning outcome 2\*Numbers / Data
- \*Learning outcome 3\*Critical Thinking
- \*Learning outcome 4\*Information Literacy
- \*Learning outcome 5\*Social Responsibility
- \*Learning outcome 6\*Ethical issues
- \*Learning outcome 7\*Computer / Technology Usage
- \*Learning outcome 8\*Aesthetic / Creative Activities
- ...

### **Competency 3: THE OCCLUSION**

The student will demonstrate knowledge and comprehension of occlusion by:

a. Describing the following facial profiles:

1. mesognathic
2. retrognathic
3. prognathic

b. Describing the canine and molar relationships for the following classifications of malocclusion:

1. normal
2. Angle's Class I
3. Angle's Class II, division 1 and division 2
4. Angle's Class III

c. Describing anterior crossbite.

#### Learning Outcomes

- \*Learning outcome 1\*Communication
- \*Learning outcome 2\*Numbers / Data
- \*Learning outcome 3\*Critical Thinking
- \*Learning outcome 4\*Information Literacy
- \*Learning outcome 5\*Social Responsibility
- \*Learning outcome 6\*Ethical issues
- \*Learning outcome 7\*Computer / Technology Usage
- \*Learning outcome 8\*Aesthetic / Creative Activities
- ...

## **Competency 4: DENTINAL HYPERSENSITIVITY**

The student will demonstrate knowledge and comprehension of dentinal hypersensitivity by:

- a. Stating the reasons for dentinal hypersensitivity.
- b. Listing the various theories for dentinal hypersensitivity.
- c. Describing the most widely accepted theory for dentinal hypersensitivity.

### Learning Outcomes

- \*Learning outcome 1\*Communication
- \*Learning outcome 2\*Numbers / Data
- \*Learning outcome 3\*Critical Thinking
- \*Learning outcome 4\*Information Literacy
- \*Learning outcome 5\*Social Responsibility
- \*Learning outcome 6\*Ethical issues
- \*Learning outcome 7\*Computer / Technology Usage
- \*Learning outcome 8\*Aesthetic / Creative Activities
- ...