

Course Description

DEH1800 | Dental Hygiene 1 | 2.00 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 hand-piece, 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:

1. Stating the American Dental Hygienists' Association position on extrinsic stain removal
2. Listing the effects of polishing the tooth surfaces
3. Explaining the indications for extrinsic stain removal

Learning Outcomes

- Communicate effectively using listening, speaking, reading, and writing skills
- Use quantitative analytical skills to evaluate and process numerical data
- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information
- Create strategies that can be used to fulfill personal, civic, and social responsibilities
- Demonstrate knowledge of ethical thinking and its application to issues in society
- Use computer and emerging technologies effectively
- Demonstrate an appreciation for aesthetics and 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:

1. Explaining each component of the Dental Hygiene Process of Care
2. Defining care plan and explaining its importance
3. Describing preventive, educational and therapeutic dental hygiene services

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- Communicate effectively using listening, speaking, reading, and writing skills
- Use quantitative analytical skills to evaluate and process numerical data
- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information
- Create strategies that can be used to fulfill personal, civic, and social responsibilities
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Competency 3: THE OCCLUSION

The student will demonstrate knowledge and comprehension of occlusion by:

1. Describing the following facial profiles:
 - a. mesognathic
 - b. retrognathic
 - c. prognathic
2. Describing the canine and molar relationships for the following classifications of malocclusion:
 - a. normal
 - b. Angle's Class I
 - c. Angle's Class II, division 1 and division 2
 - d. Angle's Class III
3. Describing anterior crossbite

Learning Outcomes

- Communicate effectively using listening, speaking, reading, and writing skills
- Use quantitative analytical skills to evaluate and process numerical data
- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information
- Create strategies that can be used to fulfill personal, civic, and social responsibilities
- Demonstrate knowledge of ethical thinking and its application to issues in society
- Use computer and emerging technologies effectively
- Demonstrate an appreciation for aesthetics and creative activities

Competency 4: DENTINAL HYPERSENSITIVITY

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

1. Stating the reasons for dentinal hypersensitivity
2. Listing the various theories for dentinal hypersensitivity
3. Describing the most widely accepted theory for dentinal hypersensitivity

Learning Outcomes

- Communicate effectively using listening, speaking, reading, and writing skills
- Use quantitative analytical skills to evaluate and process numerical data
- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information
- Create strategies that can be used to fulfill personal, civic, and social responsibilities
- Demonstrate knowledge of ethical thinking and its application to issues in society
- Use computer and emerging technologies effectively
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