

Course Description

DEH 1002 | PRECLINICAL DENTAL HYGIENE | **2 credits**

Through lectures, slides, videotapes, and group discussions, the student will develop knowledge of the procedures relevant to the practice of dental hygiene. These procedures include prevention of disease transmission by practicing standard precautions, preparation of the operatory, taking comprehensive medical and dental histories, obtaining and recording vital signs, completing a dental charting, and the principles of instrumentation. In addition, the extraoral and intraoral examination principles are introduced..

Course Competencies

Competency 1: INFECTION CONTROL: TRANSMISSIBLE DISEASES, BARRIERS, & PPE

The student will demonstrate knowledge and comprehension of basic infection control procedures related to disease transmission and prevention in dentistry by:

- a. Describing the infectious disease process.
- b. Defining the concepts of standard precautions, universal precautions, and body substance isolation.
- c. Stating three possible routes of infection transmission in the dental operatory.

Learning Outcomes

- *Learning outcome 1* Communication
- *Learning outcome 2* Information Literacy
- *Learning outcome 1* Critical Thinking
- *Learning outcome 1* Environmental Responsibility

Competency 2: INFECTION CONTROL: HANDWASHING, DISINFECTION, STERILIZATION, AUTOCLAVE, & BIOLOGICAL MONITORING

The student will demonstrate knowledge and comprehension of basic infection control clinical procedures for disease prevention in dentistry by:

- a. Defining sterilization and disinfection.
- b. Listing the indications for sterilization, disinfection, and cleaning.
- c. Describing why surfaces difficult to disinfect may benefit from barrier use.

Learning Outcomes

- *Learning outcome 1* Communication
- *Learning outcome 2* Information Literacy
- *Learning outcome 1* Critical Thinking
- *Learning outcome 1* Environmental Responsibility

Competency 3: PATIENT RECEPTION, POSITIONING, TOOTH NUMBERING, & TREATMENT AREAS

The student will demonstrate knowledge and comprehension of the principles of patient and clinician positioning by:

Describing the preparation of the operatory for receiving and seating the patient.

b. Explaining the principles of positioning which will reduce fatigue, maintain stamina, and help to prevent injury while facilitating efficient treatment of the patient.

c. Describing neutral position of the clinician in terms of position of the feet, thighs, back, body weight, elbows, and eyes.Learning Outcomes

- *Learning outcome 1* Communication
- *Learning outcome 2* Information Literacy
- *Learning outcome 1* Critical Thinking
- *Learning outcome 1* Environmental Responsibility

Competency 4: MEDICAL HISTORY

The student will demonstrate knowledge and comprehension of the significance of the medical history in the practice of dentistry by:

Listing the data to be included in the personal history.

b. Listing the data to be included in the medical history.

c. Listing the data to be included in the dental history.

Learning Outcomes

- *Learning outcome 1* Communication
- *Learning outcome 2* Information Literacy
- *Learning outcome 1* Critical Thinking
- *Learning outcome 1* Environmental Responsibility