

**University of Arkansas - Fort Smith**  
**5210 Grand Avenue**  
**P. O. Box 3649**  
**Fort Smith, AR 72913-3649**  
**479-788-7000**

### **General Syllabus**

### **DHYG 31002 Pre-Clinical Dental Hygiene**

Credit Hours: 2

Lecture Hours: 0

Laboratory Hours: 8

Prerequisites: Admission to the Dental Hygiene program

Corequisites: DHYG 21101 Dental Anatomy and Occlusion, DHYG 23103 Radiology, DHYG 24302 Head and Neck Anatomy, DHYG 31033 Pre-Clinical Dental Hygiene Theory, and DHYG 34102 Oral Embryology and Histology

Effective Catalog: 2018-2019

#### **I. Course Information**

##### **A. Catalog Description**

Clinical instruction of topics discussed in DHYG 31033. Procedures will be completed through practice on mannequins and student partners.

##### **B. Additional Information-None**

#### **II. Student Learning Outcomes**

##### **A. Subject Matter**

Upon completion of this course, the student will:

1. Perform infection control procedures consistent with the Centers for Disease Control and the Occupational Safety and Health Administration programs guidelines.
2. Practice keeping records consistent with legal and ethical standards.
3. Identify accepted ranges for body temperature, blood pressure, pulse and respiration.
4. Demonstrate how to assess and record vital signs.
5. Demonstrate operator/patient positioning for optimal comfort and accessibility.
6. Complete and evaluate a patient's medical/dental health history. Know and apply life support measures for medical emergencies that may be encountered in dental hygiene practice.
7. Perform intra-oral and extra-oral examinations and record findings.

8. Identify and demonstrate use of mirrors, explorers, probes, sickle scalers, and curets.
9. Demonstrate the application of disclosing agents and record findings.
10. Demonstrate plaque control methods.
11. Demonstrate proper plaque removal procedures with the use of the hand piece.
12. Perform entry level clinical procedures on a student partner at 75% competency.

## **B. University Learning Outcomes**

This course enhances student abilities in the following areas:

### **Analytical Skills**

**Critical Thinking Skills:** Students will use analytical skills to distinguish desired instrument characteristics necessary for specific patient needs.

Students will analyze information gained in patient assessment and create a comprehensive patient care plan.

### **Communication Skills (written and oral)**

Students will practice communication skills that are necessary for patient treatment with student partners

### **Ethical Decision Making**

Students will follow the established program policies and procedures as documented in the College of Health Sciences Dental Hygiene Policies and Procedures Manual.

## **III. Major Course Topics**

- A. Introduction to Dental Equipment
- B. Use of Sterilization Equipment and Infection Control and Asepsis Practice
- C. Patient Operator Positioning
- D. Vital Signs and Procedures
- E. Mirrors, Explorers and Probes with Correct Finger Rests, Fulcrums, and Angulations
- F. Extra-oral and Intra-oral Examination
- G. Hard Tissue Charting/Periodontal Charting
- H. Sickle Scalers, Universal and Specific Curets
- I. Oral Hygiene Instructions
- J. Polishing Technique and Procedure
- K. Medical Emergencies and Life Support Measures
- L. Ultrasonic Scaling Techniques
- M. Care of Oral Appliances/Dental Prosthesis