

**University of Arkansas - Fort Smith**  
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**Fort Smith, AR 72913-3649**  
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## **General Syllabus**

### **DHYG 3113 Clinic I Theory**

Credit Hours: 3

Lecture Hours: 3

Laboratory Hours: 0

Prerequisites: DHYG 2111 Dental Anatomy and Occlusion, DHYG 2313 Radiology, DHYG 2432 Head and Neck Anatomy, DHYG 3102 Pre-Clinical Dental Hygiene, DHYG 3103 Pre-Clinical Dental Hygiene Theory, DHYG 3412 - Oral Embryology and Histology

Corequisites: DHYG 3212 Periodontology I, DHYG 3213 Dental Hygiene Clinic I  
DHYG 3443 Pharmacology, DHYG 3453 General and Oral Pathology

Effective Catalog: 2018-2019

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

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

Expansion of basic information on dental hygiene therapy, emphasizing skills needed for assessment and treatment of patients. Topics include preventive and therapeutic procedures to promote and maintain oral health and to assist the patient in achieving oral health goals, management of emergency procedures, treatment planning, dental caries, instrument sharpening, ultrasonic, and fluoride theory. Application of theory in DHYG 3213.

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

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

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

Upon completion of this course, the student will:

1. Communicate with patients, peers and faculty in a professional manner.
2. Analyze and interpret data to formulate a dental hygiene treatment plan related to and congruent with the diagnosis of the dentist and other health professionals.
3. Discuss the principles of periodontal debridement.
4. Explain the principles of ultrasonic scaling.
5. Discuss the current research related to ultrasonic scaling.

6. Discuss the care and maintenance of oral appliances.
7. Recognize a “dull” versus “sharp” cutting edge on an instrument.
8. Evaluate instruments for sharpness and contour and recognize the need to maintain sharp instruments.
9. Select the appropriate sharpening armamentarium and method to maintain shape and sharpness.
10. Recognize and discuss acute periodontal conditions, including the etiology and dental hygiene care necessary to treat those conditions.
11. Explain and select auxiliary preventive aids for patient use in maintaining optimal oral health.
12. Recognize oral manifestations of tobacco products and explain to patients a tobacco cessation program.
13. Discuss the appropriate steps in a periodontal preventive program, including patient counseling, motivation, the learning process, and teaching aids.
14. Select the appropriate dental maintenance plan based on patient assessments and possible recurrence of periodontal disease.

#### **B. University Learning Outcomes**

This course enhances student abilities in the following areas:

##### **Analytical Skills**

**Critical Thinking Skills:** Students will use critical thinking skills to compose a care report utilizing assessment information gathered during patient care. They will document patient’s treatment plan, implementation steps, and outcomes, as well as address the need for potential alterations in future care of the patient based on their findings.

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

Students will present their caries risk assessment assignment findings and recommendations to their class of peers followed by group discussion.

#### **III. Major Course Topics**

1. Treatment planning
2. Periodontal debridement
3. Indications for the use of ultra-sonics
4. Instrument sharpening indices and scoring methods PSR
5. Acute periodontal conditions
6. Tobacco and its effects
7. Disease prevention
8. Presentation of research topics