

University of Arkansas - Fort Smith
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General Syllabus

DHYG 4234 Dental Hygiene Clinic III

Credit Hours: 4

Lecture Hours: 0

Laboratory Hours: 16

Prerequisites: DHYG 4122 Clinic II Theory, DHYG 4224 Dental Hygiene Clinic II, DHYG 4142 Advanced Dental Hygiene Theory for Special Needs Patients, DHYG 4311 Periodontology II, DHYG 4372 Dental Nutrition, DHYG 4463 Dental Materials, and DHYG 4512 Local Anesthesia and Nitrous Oxide

Corequisites: DHYG 4132 Clinic III Theory, DHYG 4522 Ethics and Practice Management, DHYG 4533 Community Dentistry and Dental Health Education, and DHYG 4542 Public Health Dentistry

Effective Catalog: 2018-2019

I. Course Information

A. Catalog Description

Focuses on the competence in clinical skills required in providing dental hygiene care. Emphasis on the provision of competent and quality patient care. Students will rotate to local sites in the area to obtain additional clinical experiences with special needs and periodontal patients

B. Additional Information

This class will be taught in a clinical setting with instruction supervision being provided by registered hygienists and dentists.

II. Student Learning Outcomes

A. Subject Matter

Upon completion of this course, the student will:

1. Demonstrate the ability to collect and analyze data necessary for individualized treatment planning.
2. Demonstrate the ability to deliver competent care based on accurate treatment planning.
3. Demonstrate the ability to establish appropriate evaluation of treatment methods.
4. Demonstrate the ability to competently administer local anesthesia using

- injection techniques learned in DHYG 4512 for patient comfort.
5. Assess and evaluate patient radiographic needs based on established clinic protocol and appropriate selection of armamentarium to assure standard of care.
 6. Utilize adequate infection control procedures during all patient treatment.
 7. Demonstrate the ability to communicate patient information effectively to clinical faculty.
 8. Assess the need, demonstrate placement, and evaluate effectiveness of a chemotherapeutic agent.
 9. Develop a treatment plan/care report for a patient that demonstrate special needs requiring notification of the dental hygiene process of care.

Refer to *Graduate Competencies* in the Policy and Procedures Manual. These objectives increase knowledge in competencies listed above.

B. University Learning Outcomes

This course enhances student abilities in the following areas:

Analytical Skills

Quantitative Reasoning: The student will demonstrate the ability to utilize quantitative reasoning in the areas of periodontal probing and plaque indices for each patient in order to formulate an individualized treatment plan. The student will demonstrate the ability to use quantitative reasoning by calculating the appropriate amounts of local anesthetic and nitrous oxide based on individual patient factors.

Communication Skills (written and oral)

The student will demonstrate the ability to work effectively with individuals and groups, and display effective interpersonal skills with their patients, peers, and faculty.

Ethical Decision Making

The student will apply ethical principles for each patient treated in the dental hygiene clinic by adhering to mandated privacy and security for appropriate use and disclosure of protected health information.

III. Major Course Topics

- A. Dental hygiene process of care that includes assessments, treatment planning, implementation and evaluation
- B. Minimum of 24 patients based on Clinic III evaluation criteria
- C. Radiographs based on patient needs
- D. Sealants
- E. Air polishing
- F. Nitrous oxide
- G. Desensitization procedures
- H. Chemotherapeutic placement

- I. Fluoride varnish
- J. Selection and completion of a special needs case study for submission in DHYG 4132 Clinic Theory III