

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

General Syllabus

DHYG 4132 Clinic III Theory

Credit Hours: 2

Lecture Hours: 2

Laboratory Hours: 0

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 4234 Dental Hygiene Clinic III, 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

Advanced clinical theory of patient care and management. Emphasis on treating patients with special needs and the periodontal patient. Presentation of case studies, including nutritional counseling, of the periodontal and special needs patient.

B. Additional Information-None

II. Student Learning Outcomes

A. Subject Matter

Upon completion of this course, the student will:

1. Discuss and develop a dental hygiene care plan for patients with neurological and sensory disabilities.
2. Identify oral manifestation of patients that have neurological and other sensory disabilities.
3. Discuss and develop a dental hygiene care plan for patients with autoimmune diseases.
4. Identify oral manifestations of patients that have autoimmune diseases.
5. Discuss and develop a dental hygiene care plan for patients with cancer.

6. Identify oral manifestations associated with oral cancer and cancer treatments. Discuss and develop a dental hygiene care plan for patients with blood disorders.
7. Identify oral manifestations associated with blood disorders.
8. Discuss and develop a dental hygiene plan for patients with mental disorders including bipolar disorder, depression and schizophrenia.
9. Identify oral manifestations that may occur as a result of medications used to treat mental disorders.
10. Discuss and develop a dental hygiene care plan for patients with eating disorders.
11. Identify oral manifestations for patients that have eating disorders, which include bulimia and anorexia.
12. Discuss and develop a dental hygiene care plan for patients with respiratory diseases.
13. Identify oral manifestations associated with respiratory diseases and their treatment.
14. Discuss and develop a dental hygiene care plan for patients with seizure disorders.
15. Identify possible oral manifestations associated with seizure disorders.
16. Identify possible oral manifestations associated with renal disease and organ transplantation.
17. Discuss and develop a dental hygiene care plan for patients with renal disease and organ transplant.
18. Identify possible oral manifestations associated with an orofacial cleft or fractured jaw.
19. Discuss and develop a dental hygiene care plan for patients with an orofacial cleft or fractured jaw.

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

Critical Thinking Skills: Students will use critical thinking skills to research, evaluate and compare information for successful management of medically compromised patients related to specific factors of patient evaluation

Communication Skills (written and oral)

Students will demonstrate oral communication skills by delivering a presentation on a special need that requires modification of the dental hygiene process of care.

III. Major Course Topics

- A. Neurological and sensory disorders
- B. Mental Retardation and Autism
- C. Cancer and blood disorders
- D. Eating disorders
- E. Schizophrenia, bipolar disorders, depression
- F. Autoimmune disorders
- G. Respiratory disorders
- H. Seizure disorders
- I. Renal disease and organ transplantation
- J. Orofacial cleft and fractured jaw
- K. Special needs case study