

## ***Dental Hygiene (DHY)***

### **DHY 200 Orientation and Pre-Clinic**

4 Hours

Prerequisites: Admission to the Associate Degree Dental Hygiene Program  
6 hours weekly (2-4)

This course is designed to introduce the student to the methods and procedures employed during the oral prophylaxis appointment, including techniques for instrumentation, removing stains and deposits from tooth surfaces, instrument care, sterilization and disinfection, along with oral physiotherapy procedures. The course utilizes mannequins, demonstrations, and student practice.

### **DHY 201 Dental Nutrition**

2 Hours

Prerequisites: Acceptance into the Associate Degree Dental Hygiene Program  
2 hours weekly (2-0)

This course is designed to introduce the science of nutrition and its applications on a personal, professional, and community level with emphasis on its application to dentistry. Students are introduced to the analysis of diets, to the evaluation and use of nutritional reference and educational materials, and to patient counseling skills.

### **DHY 202 Dental Pharmacology**

2 Hours

Prerequisites: Admission to the Associate Degree Dental Hygiene Program  
2 hours weekly (2-0)

This course is designed to familiarize students with the medications that patients may be taking. Students learn specific drug actions, routes of administration, common dosages, precautions, contraindications, and side effects of pharmacological agents.

### **DHY 204 Periodontology**

2 Hours

Prerequisites: DHY 200, 201  
2 hours weekly (2-0)

This course is designed to provide the dental hygiene student with an understanding of the anatomy and physiology of the tissue of the periodontium in both health and disease. This course will emphasize methods and procedures of

patient treatment and management of the disease processes associated with periodontal disease.

### **DHY 206 Oral Pathology**

1 Hour

Prerequisites: DHY 200  
1 hour weekly (1-0)

This course acquaints the student with oral anomalies manifested by development, metabolic, and disease disturbances. Emphasis will be placed upon the clinical aspects of oral pathology along with the histological and morphological study of the diseased or anatomically altered oral structures.

### **DHY 207 Community Oral Health**

2 Hours

Prerequisites: DHY 200, 210  
2 hours weekly (2-0)

This course presents concepts of health education and promotion, community dental health, and public health dentistry. Students gain background knowledge in assessment, planning, implementation, and evaluation of community oral health programs. Field experience in selected social settings permits student participation in community health care planning.

### **DHY 210 Dental Hygiene Seminar I**

1 Hour

Prerequisites: DHY 200  
1 hour weekly (1-0)

A continuation of DHY 200 with emphasis on discussion of ancillary procedures, i.e., drug investigation, significance of the oral examination, agents used to desensitize teeth, appointment sequencing, use of topical anesthetics, post-operative instructions, and the use of ultrasonic scaling devices, and air polishing.

### **DHY 211 Dental Hygiene Practice I**

4 Hours

Prerequisites: DHY 200, 201  
16 hours weekly (0-16)

This course is designed to provide the student with experience in application of dental hygiene techniques on a variety of patients within the clinical setting. Continued application of oral prophylaxis techniques, fluoride application, oral physiotherapy, periodontal patient management, desensitization, and appointment planning.

### **DHY 212 Dental Hygiene Seminar II**

.5 Hour

Prerequisites: DHY 200, 204, 211

.5 hour weekly (.5-0)

A continuation of DHY 210 with emphasis placed on the periodontally involved patient and treatment procedures for patients exhibiting special oral needs such as the oncology patient, the geriatric patient, the pedodontic patient, the mentally handicapped patient and the physical and sensory handicapped patients.

### **DHY 213 Dental Hygiene Practice II**

2 Hours

Prerequisites: DHY 204, 206, 210, 211

8 hours weekly (0-8)

This course is a continuation of DHY 211. The students will be provided opportunities to refine previously learned skills. Emphasis will be placed on root planing, topical medical application, preparation of study casts, placement of sealants, periodontal charting, and treatment of patients with special oral needs. Planned and supervised clinical experiences are arranged in the dental hygiene clinic and extra-mural rotations.

### **DHY 214 Dental Hygiene Seminar III**

1 Hour

Prerequisites: DHY 207, 210, 212, 213

1 hour weekly (1-0)

This course is designed to prepare the student for future employment and the responsibilities of the dental hygiene profession. Legal and ethical aspects of practice are emphasized as well as other responsibilities of the hygienist. The student is required to write a personal resume. Classroom discussion and role-playing focus on interviewing techniques and employment decision-making.

### **DHY 215 Dental Hygiene Practice III**

3 Hours

Prerequisites: DHY 207, 212, 213

12 hours weekly (0-12)

This course incorporates all previous clinical, (DHY 211 and DHY 213), didactic and laboratory information and skills, (DHY 200, DHY 201, DHY 210, DHY 212), for the delivery of dental hygiene care.