DENTAL HYGIENE (DHYG)

DHYG 1514L  Clinical Dental Hygiene Remediation  1 s.h.
This course is designed to improve the dental hygiene student's clinical skills, and to develop the basic competencies essential for performing invasive dental hygiene procedures. The student's individual clinic deficiencies will be addressed, along with patient management and time utilization. This course may be repeated one time. Four hours of clinic per week for twelve weeks.  
Prereq.: Unsatisfactory progress in clinical dental hygiene and/or recommendation of the clinic coordinator.

DHYG 2601  Dental Hygiene 1  3 s.h.
An introduction to providing dental hygiene care. Theories and principles of patient assessment, prevention of disease transmission, instrumentation, instrument sharpening, and coronal polishing. Application of risk assessment as it relates to the treatment plan through case studies.  
Prereq.: Admission to the Dental Hygiene Program.

DHYG 2601L  Clinical Dental Hygiene 1  2 s.h.
Preclinical dental hygiene instruction in a simulation laboratory. Introduction of basic dental hygiene procedures and equipment operation. Six hours of lab per week.  
Prereq.: Admission to the Dental Hygiene Program.

DHYG 2602  Dental Hygiene 2  2 s.h.
Discussion of appropriate preventive dental agents and devices to improve various dental conditions and implementation techniques. Development of individualized patient education instruction and a tobacco cessation program as part of the dental hygiene care plan.  
Prereq.: DHYG 2601.

DHYG 2602L  Clinical Dental Hygiene 2  2 s.h.
Continuation of pre-clinical dental hygiene instruction in the clinical setting. Includes comprehensive patient care planning and implementation techniques. Twelve hours of lab per week.  
Prereq.: DHYG 2601L.

DHYG 2620  Head and Neck Anatomy  2 s.h.
A study of the anatomy of the head and neck, oral structures and tooth morphology.  
Prereq.: Admission to the Dental Hygiene program.

DHYG 2620L  Head and Neck Anatomy Lab  1 s.h.
Applied study of the anatomy of the head and neck, oral structures and tooth morphology. Three hours of lab per week.  
Prereq.: Admission to the Dental Hygiene program.

DHYG 2630  Management of Medical/Dental Emergencies  2 s.h.
Instruction in the prevention, recognition, and management of medical emergencies in the dental office. Emphasis on case studies to develop critical thinking and decision-making skills in patient management.  
Prereq.: Admission to the Dental Hygiene Program.

DHYG 2640  Oral Histology  2 s.h.
A study of the tissues of the human body and embryological development.  
Prereq.: DHYG 2620.

DHYG 3703  Dental Hygiene 3  3 s.h.
Prereq.: DHYG 2602.

DHYG 3703L  Clinical Dental Hygiene 3  3 s.h.
Clinic application of dental hygiene techniques on student partners and clinic patients. Emphasis on applied preventive measures and patient education. Nine hours of clinic per week.  
Prereq.: DHYG 2602L.

DHYG 3704  Dental Hygiene 4  3 s.h.
Concepts of nutrition science as they relate to the evaluation and education of dental hygiene patients with emphasis on caries risk assessment.  
Prereq.: DHYG 3703.
DHYG 4830 Dental Materials 1 s.h.
The sources, physical properties, methods of manufacturing, and uses of various dental materials. Emphasis on the newest products, and interpretation of research supporting product effectiveness.
Prereq.: DHYG 3704L.

DHYG 4830L Dental Materials Lab 1 s.h.
Clinical application of selected dental materials and four-handed dentistry enhancing the students' understanding of dental procedures. Technical procedures and delegated responsibilities will be completed on manikins, and student partners. Three hours of lab per week.
Prereq.: DHYG 3704L.

DHYG 4840 Directed Dental Hygiene Research 3 s.h.
Development of research skills including problem identification, development of a hypothesis, research design, data collection, analysis, and interpretation. Approved dental hygiene topics will be completed as a group under faculty supervision.
Prereq.: AHLT 4806.
Gen Ed: Capstone.

DHYG 4845 Expanded Functions for the Dental Hygienist 3 s.h.
Review of tooth morphology, properties and manipulation of dental restorative material, and techniques and procedures for restoring teeth with amalgam and tooth colored direct restorations. Concepts of four-handed dentistry and knowledge to perform as an Expanded Functions Dental Auxiliary (EFDA).
Prereq.: DHYG 2620, DHYG 2620L and junior standing or consent of instructor.

DHYG 4845L Expanded Functions for the Dental Hygienist Lab 1 s.h.
Laboratory application of restorative techniques utilizing the principles and skills of restorative four-handed dentistry. Preparation of the dental hygiene student to perform the duties of an expanded function dental auxiliary. Three hours of lab per week.
Prereq.: DHYG 2620, DHYG 2620L and junior standing or consent of instructor.
Coreq.: DHYG 4845.

DHYG 4850 Dental Public Health 3 s.h.
An introduction to public health dentistry, a study of the epidemiology of dental disease, writing grant proposals, and implementation of health promotion theories. Preventing and controlling dental disease through organized community efforts is addressed.
Prereq.: DHYG 4805.

DHYG 4850L Community Clinicals 1 s.h.
Oral health care services provided by senior dental hygiene students at community sites. Culturally competent care to underserved populations is the primary course emphasis. Forty-five hours of community clinical experience throughout the semester.
Prereq.: DHYG 4805L.

DHYG 4855L Expanded Functions Clinical 2 s.h.
Clinical implementation of expanded functions dental auxiliary skills gained in DHYG 4845L. Planned, evaluated and supervised clinical experience. Ninety hours of clinical experience throughout the semester.
Prereq.: DHYG 2620, DHYG 2620L, and DHYG 4845L or consent of instructor.

DHYG 4860 Ethics and Practice Concepts 2 s.h.
The historical, professional, legal, and ethical aspects of dental hygiene. Study of practice management topics relevant to the changing roles of hygienists with emphasis on quality care in a patient centered practice.
Prereq.: DHYG 4805.