

DENTAL HYGIENE (DHYG)

DHYG 1112 Basic Medical Support (2 Credits)

Provides professionals (police, fire, coaches, athletic trainers, lifeguards, educators, public safety, medical and dental personnel, etc.) with knowledge and skills in providing basic emergency medical care until further assistance arrives. Focus on cardiopulmonary resuscitation (2 person CPR) training for the professional. Certification will be granted upon successful completion.

DHYG 2005 Nutrition for Health Professionals (3 Credits)

Provides health care professionals with information on the current concepts in nutrition. The course includes biochemistry and metabolism of nutrients as well as nutrition throughout the lifecycle. Nutritional counseling is an integral part of the course.

Prerequisites: C or higher in CHEM 1110, BIO 1210 or BIO 2111 Effective Spring 2027 : C or higher in BIO 2111 and CHEM 1110

Previous: Legacy Equivalent(s): DHY* 205

DHYG 2008 Dental Hygiene Professionalism, Ethics, and Jurisprudence (2 Credits)

Examination of dental hygiene professionalism, interprofessional collaboration, current biomedical issues related to ethical decision-making, employee rights and responsibilities, and regulations related to the practice of dental hygiene.

Prerequisites: Matriculation into the Dental Hygiene Program

Previous: Legacy Equivalent(s): DHY* 208

DHYG 2009 Fundamentals of Dental Hygiene Theory (3 Credits)

Presents a comprehensive theoretical introduction to dental hygiene and is designed to familiarize the student with the concept of total client/patient care.

Prerequisites: Matriculation in the Dental Hygiene program

Corequisite: DHYG 2028, DHYG 2010C, and DHYG 2012

Previous: Legacy Equivalent(s): DHY* 209

DHYG 2010C Fundamentals of Dental Hygiene Clinic (2 Credits)

A comprehensive introduction to dental hygiene treatment delivery. The course is designed to familiarize the student with the concept of total patient care via simulated clinical practice of theory techniques.

Previous: Legacy Equivalent(s): DHY* 210

DHYG 2012 Diagnostic Radiography for the Dental Hygienist (4 Credits)

Concentrates on production, evaluation and interpretation of intraoral and panoramic radiographs, radiation safety and biology. Radiographic competency must be met in the production and evaluation of diagnostic full mouth series in the laboratory setting.

Prerequisites: Matriculation into the Dental Hygiene Program

Corequisite: DHYG 2028

Previous: Legacy Equivalent(s): DHY* 212

DHYG 2025 Dental Materials for the Dental Hygienist (2 Credits)

Provides a comprehensive study of dental materials, including the properties and manipulation, biomechanical function, physical and chemical properties, and biocompatibility of dental materials. An emphasis will be placed on those materials and skills utilized by the dental hygiene practitioner for dental hygiene diagnosis and treatment planning. Critical analysis of current evidence-based literature will be an integral part of this course.

Prerequisites: Matriculation into the Dental Hygiene Program

Previous: Legacy Equivalent(s): DHY* 225

DHYG 2028 Histology and Oral Anatomy for the Dental Hygienist (0-4 Credits)

Provides a comprehensive study of microscopic morphology of the head, neck and oral tissues, and anatomy of the head and neck, including embryology and structures and functions of the human dentition. This study is specific and relevant to the practice of dental hygiene for utilization in skill development, radiographic interpretation, and client education.

Prerequisites: Matriculation into the Dental Hygiene Program

Corequisite: DHYG 2009, DHYG 2010C, and DHYG 2012

Previous: Legacy Equivalent(s): DHY* 228

DHYG 2033 Oral Medicine and Pathology (2 Credits)

Introduces the student to the results of local, as well as systemic conditions that have oral manifestations. The student will become familiar with the disease processes that impact patient care.

Previous: Legacy Equivalent(s): DHY* 233

DHYG 2139 Dental Hygiene II Theory (3 Credits)

Presents the principles and assessment of oral health, dental hygiene care planning, treatment methods, and the preventive measures employed against dental disease. The course establishes the scientific principles of disease prevention and focus is on instrumentation techniques. An overview of dental specialties is also included.

Prerequisites: C or higher in DHYG 2028, DHYG 2009, DHYG 2010C, and DHYG 2012

Corequisite: DHYG 2025, DHYG 2033, and DHYG 2140C

Previous: Legacy Equivalent(s): DHY* 239

DHYG 2140C Dental Hygiene II Clinic (3 Credits)

Clinical application of principles and assessment of oral health, dental hygiene care planning, treatment methods, and preventive measures employed against dental disease. Student self-assessment of clinical skills is required.

Previous: Legacy Equivalent(s): DHY* 240

DHYG 2259 Dental Hygiene III Theory (3 Credits)

A comprehensive approach to client assessment, education, care planning and evaluation of delivery of care is provided. The focus is on dental health science with an emphasis on the care of clients who are medically compromised. Utilizing case studies, the student will be required to undertake an evidenced-based decision-making process regarding delivery of care.

Prerequisites: C or higher in both DHYG 2139 and DHYG 2140C

Corequisite: DHYG 2260C

Previous: Legacy Equivalent(s): DHY* 259

DHYG 2260C Dental Hygiene III Clinic (4 Credits)

A comprehensive approach to client care including assessment, education, care planning, treatment methods and evaluation of delivery of care is provided. Client care is provided in a number clinical settings in Connecticut.

Previous: Legacy Equivalent(s): DHY* 260

DHYG 2267 Community Oral Health (3 Credits)

Provides an introduction to the basic concepts, methods, materials, technology, principles and practices in oral public health promotion and disease prevention. This course provides students with a broad understanding of the health care system and the social, political, cultural, behavioral and economic forces influencing that system. Students will be introduced to their role as a community health promoter through a variety of didactic and service-learning experiences.

Prerequisites: C or higher in both DHYG 2139 and DHYG 2140C

Previous: Legacy Equivalent(s): DHY* 267

DHYG 2268 Civic Engagement for the Dental Hygienist (3 Credits)

Provides a continuation of Community Oral Health through the lens of civic engagement as it relates to public health. Principles of public health will be emphasized as it relates to oral health or overall health using a community-based process for health promotion and disease prevention both on campus and within the community. Students will assess historical knowledge of the evolution of the American health care systems as it relates to society and access to care. Students will plan, implement, and evaluate a civic engagement project as it relates to public health while applying research methodology.

Prerequisites: C or higher in DHYG 2259 - Dental Hygiene III Theory, DHYG 2260C - Dental Hygiene III Clinic, and DHYG 2267 - Community Oral Health.

Previous: Legacy Equivalent(s): DHY* 287

DHYG 2362 Periodontics (2 Credits)

Focus is on the recognition of clinical, biological, and histological characteristics of the periodontium classification of periodontal disease; the role of microorganism; the role of local factors in the etiology of periodontal disease; and the principles of therapy.

Prerequisites: C or higher in both DHYG 2028, DHYG 2139, and DHYG 2140C

Previous: Legacy Equivalent(s): DHY* 262

DHYG 2364 Pharmacology (3 Credits)

Acquaints dental hygiene students with medications used in modern dental practice. Focus is on various drugs, their modes of action, and their principal uses.

Prerequisites: C or higher in both DHYG 2140C and DHYG 2139

Previous: Legacy Equivalent(s): DHY* 264

DHYG 2375 Pain Control and Local Anesthesia for the Dental Hygienist (3 Credits)

This course presents the basic science and dental science foundations of clinical local anesthesia in preparation for Connecticut State Certification for administration of local anesthesia by dental hygienists. Students will learn to perform safe, effective and proper techniques of intraoral pain control utilizing local anesthetic administration on a student-client partner. Emphasis is placed on client evaluation for predicting and preventing complications.

Prerequisites: Matriculating second year dental hygiene student

Previous: Legacy Equivalent(s): DHY* 275

DHYG 2379 Dental Hygiene IV Theory (2 Credits)

Presents a complete, comprehensive integration of the student's basic science and dental science education as it relates to the theory of assessment, education, treatment planning, delivery of care, and evaluation in the contemporary practice of dental hygiene.

Prerequisites: C or higher in both DHYG 2259 and DHYG 2260C

Prerequisite or corequisite: DHYG 2380C DHYG 2380C

Corequisite: C or higher in DHYG 2259, DHYG 2260C, DHYG 2362, and DHYG 2364

Previous: Legacy Equivalent(s): DHY* 279

DHYG 2380C Dental Hygiene IV Clinic (4 Credits)

Presents a complete, comprehensive integration of the student's basic science and dental science education as it relates to the clinical application of assessment, education, treatment planning, delivery of care, and evaluation in the contemporary practice of dental hygiene. Student self-assessment of clinical performance is required.

Previous: Legacy Equivalent(s): DHY* 280