

DENTAL HYGIENE (DHY)

DHY 1010 – Dental Hygiene Preclinic

Credit Hours: 4.00 Total Contact Hours: 12.00 Lab Hours: 12.00

Provides clinical application procedures in prevention, recognition, and treatment of oral diseases. Emphasis is placed on infection control, instrumentation, and basic clinical skills. 'C' grade policy applies.

Offered: Fall

Prerequisites: Acceptance into the Dental Hygiene Program

Corequisites: BIO 1110, COM 1110, DHY 1511, DHY 1200, DHY 1460.

DHY 1030 – Dental Hygiene Clinic I

Credit Hours: 3.00 Total Contact Hours: 9.00 Clinical/Other Hours: 9.00

Provides an opportunity for the student to develop the ability to assess individual patient needs, plan and provide dental hygiene care and instruction necessary to treat and/or prevent oral diseases. 'C' grade policy applies.

Offered: Spring

Prerequisites: BIO 1110, DHY 1010, DHY 1200, DHY 1460, DHY 1511, COM 1110

Corequisites: BHS 1330, BIO 1120, DHY 1301, DHY 1521, DHY 1660.

DHY 1200 – Orofacial Anatomy

Credit Hours: 2.00 Total Contact Hours: 2.00 Lecture Hours: 2.00

Provides a study of orofacial anatomy with emphasis on dental nomenclature, head and neck anatomy, and dental anatomy. 'C' grade policy applies.

Offered: Fall

Prerequisites: Acceptance into the Dental Hygiene Program

Corequisites: BIO 1110, COM 1110, DHY 1010, DHY 1460, DHY 1511.

DHY 1301 – Oral Histology and Pathology

Credit Hours: 3.00 Total Contact Hours: 3.00 Lecture Hours: 3.00

Provides a study of the growth, development, and microscopic anatomy of the teeth and surrounding structures as well as a study of the pathological processes of the human body and their manifestations in the oral cavity. Emphasis is placed on recognition and identification of oral lesions and conditions utilizing clinical, radiographic, and histologic media. Interpreting case studies and the development of a case study portfolio enhance students' understanding and applicability of course material. 'C' grade policy applies.

Offered: Spring

Prerequisites: BIO 1110, DHY 1010, DHY 1200, DHY 1460, DHY 1511, COM 1110

Corequisites: BHS 1330, BIO 1120, DHY 1030, DHY 1521, DHY 1660.

DHY 1460 – Oral Radiography

Credit Hours: 3.00 Total Contact Hours: 4.00 Lecture Hours: 2.00 Lab Hours: 2.00

Provides a study of the concepts of radiobiologic imaging including components of the x-ray machine, x-ray production, and attenuation. Instruction on and practice with exposing, processing, mounting, assessing, interpreting and duplicating extraoral and intraoral radiographs with emphasis on the parallel technique is incorporated into this course. Principles of radiation safety and protection in conjunction with quality assurance are stressed. 'C' grade policy applies.

Offered: Fall

Prerequisites: Acceptance into the Dental Hygiene Program

Corequisites: BIO 1110, COM 1110, DHY 1010, DHY 1200, DHY 1511.

DHY 1511 – Preventive Concepts I

Credit Hours: 3.00 Total Contact Hours: 3.00 Lecture Hours: 3.00

Provides an introduction to the principles and techniques used in the recognition and primary treatment in oral diseases. Additionally, this course assists the student in developing skills to treat a diverse population of individuals including those that are physically and mentally compromised.

Offered: Fall

Prerequisites: Acceptance into the Dental Hygiene program

Corequisites: BIO 1110, COM 1110, DHY 1010, DHY 1200, DHY 1460.

DHY 1521 – Preventive Concepts II

Credit Hours: 3.00 Total Contact Hours: 3.00 Lecture Hours: 3.00

Provides a continuation of the study of principles and techniques used in the prevention, recognition, and initial treatment of oral diseases. Emphasis is placed on the further development of skills to communicate, plan treatment for, manage, and educate the physically and mentally compromised patients. Additionally, the role of research and its importance to dental hygiene will be introduced. 'C' grade policy applies.

Offered: Spring

Prerequisites: BIO 1110, DHY 1010, DHY 1200, DHY 1460, DHY 1511, COM 1110

Corequisites: BHS 1330, BIO 1120, DHY 1030, DHY 1301, DHY 1660.

DHY 1660 – Pain Control Management

Credit Hours: 2.00 Total Contact Hours: 3.00 Lecture Hours: 1.00 Lab Hours: 2.00

Provides the basic concepts of pain anxiety for the provision of safe and effective dental hygiene treatment. 'C' grade policy applies.

Offered: Spring

Prerequisites: BIO 1110, DHY 1010, DHY 1200, DHY 1460, DHY 1511, COM 1110

Corequisites: BHS 1330, BIO 1120, DHY 1030, DHY 1301, DHY 1521.

DHY 1990 – Independent Study in DHY

Credit Hours: 0.00 Total Contact Hours: 0.00

Provides an opportunity for additional instruction to enhance the success of students earning an Associate Degree in Dental Hygiene. This course is graded S/U.

Offered: Fall, Spring.

DHY 2010 – Dental Hygiene Clinic II

Credit Hours: 4.00 Total Contact Hours: 12.00 Clinical/Other Hours: 12.00

Provides a continuation of DHY 1030 and increases the student's theoretical knowledge and application of techniques used in the treatment and prevention of oral diseases. 'C' grade policy applies.

Offered: Fall

Prerequisites: BHS 1330, BIO 1120, BIO 1400, DTN 1220, DHY 1030, DHY 1301, DHY 1521, DHY 1660, SOC 1010

Corequisites: DHY 2140, DHY 2340, DHY 2510, CHM 1120.

DHY 2020 – Dental Hygiene Clinic III

Credit Hours: 4.00 Total Contact Hours: 12.00 Clinical/Other Hours: 12.00

Provides a continuation of DHY 2010 and expands upon the student's theoretical knowledge in the application of techniques with emphasis on providing total patient care and preventing oral disease. 'C' grade policy applies.

Offered: Spring

Prerequisites: DHY 2010, DHY 2140, DHY 2340, DHY 2510, CHM 1120

Corequisites: DHY 2540, DHY 2662, DHY 2770, PSY 1010.

DHY 2140 – Dental Materials

Credit Hours: 2.00 Total Contact Hours: 3.00 Lecture Hours: 1.00 Lab Hours: 2.00

Provides a study of the composition, chemical and physical properties and application of dental materials commonly used in the dental office and laboratory. This knowledge is essential if the student is to communicate properly with other members of the dental team and to adequately perform thorough patient education and preventative oral health care. 'C' grade policy applies.

Offered: Fall

Prerequisites: BHS 1330, BIO 1120, BIO 1400, DTN 1220, DHY 1030, DHY 1301, DHY 1521, DHY 1660, SOC 1010

Corequisites: DHY 2010, DHY 2340, DHY 2510, CHM 1120.

DHY 2340 – Periodontology

Credit Hours: 2.00 Total Contact Hours: 2.00 Lecture Hours: 2.00

Provides a study of clinical assessment of periodontal disease, its etiology, classification, principles of treatment, and prevention of periodontal disease. 'C' grade policy applies.

Offered: Fall

Prerequisites: BHS 1330, BIO 1120, BIO 1400, DTN 1220, DHY 1030, DHY 1301, DHY 1521, DHY 1660, SOC 1010

Corequisites: DHY 2010, DHY 2140, DHY 2510, CHM 1120.

DHY 2510 – Preventive Concept III

Credit Hours: 2.00 Total Contact Hours: 2.00 Lecture Hours: 2.00

Provides a study of advanced theory and practice used in the treatment and prevention of oral disease. 'C' grade policy applies.

Offered: Fall

Prerequisites: BHS 1330, BIO 1120, BIO 1400, DTN 1220, DHY 1030, DHY 1301, DHY 1521, DHY 1660, SOC 1010

Corequisites: DHY 2010, DHY 2140, DHY 2340, CHM 1120.

DHY 2540 – Dental Hygiene Capstone Course 

Credit Hour: 1.00 Total Contact Hour: 1.00 Lecture Hour: 1.00

Provides an opportunity for the prospective graduate to demonstrate achievement of the program's learning outcomes and competencies as well as the college's general education core skills and abilities. A major component of this course will facilitate a team approach to patient care and cultural diversity through an interdisciplinary team case study project. Psychomotor skills will also be demonstrated. 'C' grade policy applies.

Offered: Spring

Prerequisites: DHY 2010, DHY 2140, DHY 2340, DHY 2510, CHM 1120

Corequisites: DHY 2020, DHY 2662, DHY 2770, PSY 1010.

DHY 2662 – Current Concepts

Credit Hour: 1.00 Total Contact Hour: 1.00 Lecture Hour: 1.00

Prepares students to take licensing examinations and to better understand and appreciate the legal and ethical responsibilities of licensure. Current trends and issues impacting the profession of dental hygiene as well as career opportunities in traditional and non-traditional settings are discussed. The advantage of advanced education and necessity for life-long learning are expounded upon. At the end of this course, students will develop, solve, and present an ethical case study for submission to his/her college electronic portfolio. 'C' grade policy applies.

Offered: Fall

Prerequisites: DHY 2010, DHY 2140, DHY 2340, DHY 2510, CHM 1120

Corequisites: DHY 2020, DHY 2540, DHY 2770, PSY 1010.

DHY 2770 – Community Dental Health

Credit Hours: 2.00 Total Contact Hours: 2.00 Lecture Hours: 2.00

Provides an introduction to basic principles of public health as they relate to the profession of dental hygiene. Methods of dental biostatistics and epidemiology will be introduced as well as the purposes and functions of public health agencies. Emphasis is given to assessing, planning, implementing, and evaluating community dental health projects.

Additionally, the methodology and resources for teaching dental health to groups in various community settings will be introduced. Extramural experiences consist of assessment, planning, implementation, and evaluation of dental education programs as well as participation in scheduled community activities. 'C' grade policy applies.

Offered: Spring

Prerequisites: DHY 2010, DHY 2140, DHY 2340, DHY 2510, CHM 1120

Corequisites: DHY 2020, DHY 2662, PSY 1010.