

2022-2023 TTC Catalog - Dental Hygiene (DHG)

DHG 115 - Medical and Dental Emergencies

Lec: 2.0 **Lab:** 0 **Credit:** 2.0

Course Offered

Fall

Spring

This course provides a study of the various medical/dental emergencies and appropriate treatment measures. Additionally, it includes managing medically compromised dental patients, and provides for CPR certification.

Grade Type: Letter Grade

Restrictions: Restricted to Dental Hygiene majors

Division: Health Sciences

DHG 121 - Dental Radiography

Lec: 2.0 **Lab:** 3.0 **Credit:** 3.0

Course Offered

Spring

Summer

This course provides the application of the principles of radiology with emphasis on exposing, processing, mounting, evaluating and interpreting dental radiographs. Radiation safety is stressed.

Prerequisite

DHG 125

and

DHG 154

Grade Type: Letter Grade

Division: Health Sciences

DHG 125 - Tooth Morphology and Histology

Lec: 2.0 **Lab:** 0 **Credit:** 2.0

Course Offered

Fall

Spring

This course covers the embryogenesis and histology of the head and neck structures with primary emphasis on the oral cavity. The formation, eruption patterns and morphology of primary and permanent dentitions are studied.

Grade Type: Letter Grade

Restrictions: Restricted to Dental Hygiene majors

Division: Health Sciences

DHG 140 - General and Oral Pathology

Lec: 2.0 **Lab:** 0 **Credit:** 2.0

This course provides a correlation of basic pathologic principles to disease processes in the oral cavity. The role of the dental hygienist in early disease detection is emphasized. Diagnosis, treatment and prognosis of diseases affecting the head and neck also are discussed.

Grade Type: Letter Grade

Restrictions: Restricted to Dental Hygiene majors

Division: Health Sciences

DHG 141 - Periodontology

Lec: 2.0 **Lab:** 0 **Credit:** 2.0

Course Offered

Spring

This course presents a study of the principles, etiologies, classifications and treatments of periodontal disease with emphasis on the role of the dental hygienist.

Prerequisite

DHG 121

and

DHG 140

and

DHG 165

Grade Type: Letter Grade

Division: Health Sciences

DHG 143 - Dental Pharmacology

Lec: 2.0 **Lab:** 0 **Credit:** 2.0

Course Offered

Spring

This course provides a study of drugs used in dentistry. It emphasizes the physical and chemical properties of drugs, dosages and therapeutic effects, methods of administration, and indications and contraindications for the use of drugs. A study of dental anesthetics is included.

Prerequisite

DHG 165

Grade Type: Letter Grade

Division: Health Sciences

DHG 151 - Dental Hygiene Principles

Lec: 3.0 **Lab:** 6.0 **Credit:** 5.0

This course is a study of the principles of infection control and hazardous waste communication, instrumentation, instrumentation design, operator patient positioning, operation of basic dental equipment, patient evaluation and medical history review.

Grade Type: Letter Grade

Division: Health Sciences

DHG 154 - Pre-Clinical Dental Hygiene

Lec: 2.0 **Lab:** 6.0 **Credit:** 4.0

Course Offered

Fall

Spring

This course is a study of the basic principles of infection control, instrumentation, instrument design, and fundamental skills necessary to perform in subsequent dental hygiene courses.

Grade Type: Letter Grade

Restrictions: Restricted to Dental Hygiene majors

Division: Health Sciences

DHG 165 - Clinical Dental Hygiene I

Lec: 2.0 **Lab:** 9.0 **Credit:** 5.0

Course Offered

Spring
Summer

This course introduces the clinical setting for application of dental hygiene skills for patient care.

Prerequisite

DHG 154

and

CPR certification, major medical insurance and Hepatitis B vaccine series

Grade Type: Letter Grade

Division: Health Sciences

DHG 175 - Clinical Dental Hygiene II

Lec: 1.0 **Lab:** 12.0 **Credit:** 5.0

Course Offered

Fall

This course provides for the continued development of skills necessary to perform dental hygiene care. Emphasis is placed on treatment of the patient with disabilities, total patient care and treatment planning.

Prerequisite

DHG 165

Grade Type: Letter Grade

Division: Health Sciences

DHG 230 - Public Health Dentistry

Lec: 3.0 **Lab:** 0 **Credit:** 3.0

Course Offered

Fall

This course provides a study of oral health and the prevention of oral disease in a community. Emphasis is on assessment of community groups and dental health needs, and on planning, implementation and evaluation of community programs. Nutrition and research also are studied.

Prerequisite

DHG 165

Grade Type: Letter Grade

Division: Health Sciences

DHG 231 - Dental Health Education

Lec: 1.0 **Lab:** 0 **Credit:** 1.0

Course Offered

Spring

This course provides an opportunity for the dental hygiene student to present and apply dental health information to various community groups and organizations. Project implementation and evaluation are included.

Prerequisite

DHG 175

and

DHG 230

Grade Type: Letter Grade

Division: Health Sciences

DHG 239 - Dental Assisting for the DHG

Lec: 1.0 **Lab:** 3.0 **Credit:** 2.0

Course Offered

Fall

Spring

This course introduces the dental assisting role and responsibilities. Emphasis is on four-handed dentistry, the use and manipulation of dental materials, and office management.

Grade Type: Letter Grade

Restrictions: Restricted to Dental Hygiene majors

Division: Health Sciences

DHG 241 - Integrated Dental Hygiene I

Lec: 0.5 **Lab:** 1.5 **Credit:** 1.0

Course Offered

Fall

This course provides for the integration of basic and dental hygiene sciences with current concepts of clinical dental hygiene practice.

Prerequisite

DHG 165

Grade Type: Letter Grade

Division: Health Sciences

DHG 243 - Nutrition and Dental Health

Lec: 2.0 **Lab:** 0 **Credit:** 2.0

Course Offered

Summer

This course provides a study of nutrients, their nature, source and utilization. Emphasis is placed on the relationship between diet and oral health. Oral manifestations of nutritional deficiencies are also studied.

Prerequisite

DHG 154

Grade Type: Letter Grade

Division: Health Sciences

DHG 255 - Clinical Dental Hygiene III

Lec: 1.0 **Lab:** 12.0 **Credit:** 5.0

Course Offered

Spring

This course provides for the development of proficiency in the clinical dental hygiene setting with emphasis on the implementation of treatment plans to meet the individual patient's oral health needs.

Prerequisite

DHG 175

Grade Type: Letter Grade

Division: Health Sciences

DHG 265 - Clinical Dental Hygiene IV

Lec: 1.0 **Lab:** 12.0 **Credit:** 5.0

Course Offered

Spring

This course permits refinement of clinical techniques and skills, technology and current procedural practices of the dental hygienist with emphasis on self-evaluation and quality assurance.

Prerequisite

DHG 255

Grade Type: Letter Grade

Division: Health Sciences
