

# 2023-2024 TTC Catalog - Dental Hygiene (DHG)

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## DHG 115 - Medical and Dental Emergencies

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

### Course Offered

Fall

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

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## DHG 121 - Dental Radiography

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

### Course Offered

Spring

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

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## DHG 125 - Tooth Morphology and Histology

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

### Course Offered

Fall

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

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## **DHG 140 - General and Oral Pathology**

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

### **Course Offered**

Summer

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

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## **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.

### **Corequisite**

DHG 165

**Grade Type:** Letter Grade

**Division:** Health Sciences

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## **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

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**DHG 154 - Pre-Clinical Dental Hygiene**

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

**Course Offered**

Fall

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

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**DHG 165 - Clinical Dental Hygiene I**

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

**Course Offered**

Spring

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

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## **DHG 175 - Clinical Dental Hygiene II**

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

### **Course Offered**

Summer

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

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## **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

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## **DHG 231 - Dental Health Education**

**Lec:** 0 **Lab:** 3.0 **Credit:** 1.0

### **Course Offered**

Fall

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

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## **DHG 239 - Dental Assisting for the DHG**

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

### **Course Offered**

Fall

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

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## **DHG 241 - Integrated Dental Hygiene I**

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

### **Course Offered**

Summer

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

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## **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

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## **DHG 255 - Clinical Dental Hygiene III**

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

**Course Offered**

Fall

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

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## **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

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