COURSE INFORMATION

Course Prefix/Number: DHG 141  
Course Title: Periodontology  
Lecture Hours/Week: 2.0  
Lab Hours/Week: 0.0  
Credit Hours/Semester: 2.0

COURSE DESCRIPTION

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

COURSE COMPETENCIES

Module 1: Periodontal Diseases: Introduction and Background
- Describe the anatomical, histological, and clinical characteristics of periodontal health.
- Explain the etiology and pathogenesis of periodontal disease.
- Relate clinical signs to the anatomical changes seen in periodontal disease, with emphasis on inflammation.
- Compare and contrast the following forms of periodontal disease with emphasis on etiology, clinical presentation and treatment. Utilize the New Classification of Periodontal Disease (1999)
  - Gingival diseases
  - Chronic periodontitis
  - Aggressive periodontitis
  - Periodontis as a manifestation of systemic disease
  - Necrotizing periodontal diseases
  - Abscess of the periodontium
  - Periodontitis associated with endodontic lesions
  - Developmental or acquired deformities and conditions

Module 2: Periodontal Diseases: Assessment Phase
- Documenting Patient History
- Periodontal Clinical Examination
- Detecting and Monitoring Periodontal Diseases

Module 3: Periodontal Diseases: Prevention and Treatment Phase
- Explain the role of the dental hygienist in the treatment and management of periodontal disease.
• Formulate a plan of preventive procedures for adult periodontitis during and after active treatment.

• Review the following basic types of periodontal therapy and explain the indications of:
  o Oral physiotherapy
  o Scaling and root planning
  o Chemotherapeutics
  o Surgical procedures

• Discuss the following surgical techniques and their rationale:
  o Curettage
  o Gingivectomy
  o Periodontal flap surgery
  o Osseous surgery
  o Osseous regeneration
  o Gingival augmentation (mucogingival surgery)
  o Implants

• Periodontal Treatment of the Medically Compromised Patient

MINIMAL STANDARDS

The minimal average for the Dental Hygiene Program is 80%

METHODS OF INSTRUCTION

• Lectures and PowerPoint Presentations
• Discussions
• Audio-visual aids
• Reading Assignments
• Handouts
• Written Tests
• Case Studies

COURSE REQUIREMENTS

Academic Integrity
The policies stated in the York Technical College Handbook will be enforced. Any student violating these policies will be subject to academic discipline.

EVALUATION STRATEGIES

Students will be evaluated in DHG 141, Periodontology, by taking written tests. Tests will be constructed following the National Board multiple choice question format. There will be a minimum of one test per module.

Grading

Module 1 .......................................... 25%
Module 2 .......................................... 25%
Module 3 .......................................... 25%
Comprehensive Final ..................... 25%

100%
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**ENTRY LEVEL SKILLS**

Skills that have been taught tested and stated as competent in previous courses.

**PREREQUISITE**

DHG 165, DHG 121, AHS 113

**CO-REQUISITES**

DHG 140, DHG 175,

**DISABILITIES STATEMENT**

Any student who feels s/he may need an accommodation based on the impact of a disability should contact the Special Resources Office (SRO) at 803-327-8007 in the 300 area of Student Services. The SRO coordinates reasonable accommodations for students with documented disabilities.