

# **Common Course Outline**

**DNHY 122**

**Periodontology**

**2 Semester Hours**

## **The Community College of Baltimore County**

### **Description**

**DNHY 122 – 2 Credits – Periodontology** reviews the theoretical and practical study of the periodontium and changes that occur in the presence of disease processes. It includes the etiology, classification, diagnosis, treatment and prognosis of periodontal disease.

Emphasis is placed on prevention and controlling the disease process.

**2 Credits; 2 lecture hours per week**

**Co-requisites: DNHY 120, DNHY 121, DNHY 123, and DNHY 124**

### **Overall Course Objectives**

Upon completion of this course, the dental hygiene student will be able to:

1. analyze the characteristics of the periodontium in health;
2. describe the clinical, histologic, and radiographic features of the various periodontal diseases;
3. list, describe, and differentiate various periodontal diseases in a classification system as established by the American Academy of Periodontology;
4. describe the incidence, prevalence and multifactorial etiology of periodontal diseases;
5. identify periodontal risk factors that affect onset, progression and severity of periodontal diseases;
6. discuss periodontitis as a risk factor for systemic diseases and overall health;
7. describe, discuss and illustrate current knowledge of the immunopathology of periodontal disease;
8. define and describe various evaluative methods needed to measure variations from periodontal health;
9. recognize clinical parameters that indicate periodontal progression over time as well as a stable periodontium in non-surgical periodontal therapy;
10. enumerate those factors that are significant in the longevity of the dentition or the progression of disease and the anticipated response to treatment;
11. develop individual, evidence-based, comprehensive, sequenced dental hygiene care plans for clients using diagnostic information, which incorporates the client's

- history, goals, values and motivations, clinical assessment, diagnosis, economics, and other dental needs;
12. define and list the components of surgical and nonsurgical periodontal therapy;
  13. describe pharmacotherapeutics used in periodontal therapy, including pain and anxiety control, local delivery medicaments, systemic medications, postoperative medication, and their indications and contraindications;
  14. describe the types of dental implants utilized in dentistry;
  15. describe the techniques, instruments, and procedures for implant maintenance;
  16. describe wound healing following various periodontal procedures;
  17. describe the role of occlusal trauma in periodontal disease;
  18. describe the techniques for management of acute periodontal conditions/emergencies; and
  19. discuss the objectives, components and effectiveness of periodontal maintenance.

### **Major Topics**

- I. Communication
- II. Periodontal Health
- III. Periodontal Disease
- IV. Periodontal Therapy
  - a. Clinical Assessment
  - b. Prognosis
  - c. Treatment Planning
  - d. Nonsurgical
  - e. Surgical
- V. Periodontal Evaluation and Maintenance
- VI. Dental Implants
- VII. Periodontal Emergencies

### **Course Requirements**

**Grading/exams:** Grading procedures will be determined by the individual faculty member but will include a minimum of two quizzes, two exercises, and two examinations.

**Writing:** The individual faculty member will determine specific writing assignments, such as a periodontal issue literature review.

### **Other Course Information**

This course is a required course in the dental hygiene degree program. A grade of “C” or better is required for all dental hygiene courses in order to progress within the program.

Individual faculty members may include additional course objectives, major topics, and other course requirements to the minimum expectations stated in the Common Course Outline.