

Common Course Outline

DNHY 110

Dental Hygiene Theory I

3 Semester Hours

The Community College of Baltimore County

Description

DNHY 110 – 3 Credits- Dental Hygiene Theory I: Introduces the dental hygiene student to the fundamental concepts of oral health care services, disease control, infection control practices, dental hygiene instrumentation, and assessment techniques.

Additionally, students are introduced to concepts of client motivation, educational techniques, disease prevention strategies, and the dental hygiene process of care.

3 credits; 3 lecture hours per week

Prerequisite: Acceptance to the dental hygiene program

Co-requisites: DNHY 111, DNHY 112, DNHY 113, DNHY 114, and DNHY 115

Overall Course Objectives

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

1. identify and discuss key terms and concepts related to the professional dental hygienist;
2. identify and define key terms and concepts related to control of infectious diseases;
3. explain the infectious process and discuss basic considerations, guidelines, procedures and methods for prevention of disease transmission;
4. explain the principles of client and operator positioning and discuss related occupational problems with improper positioning;
5. discuss the purpose of the personal, medical, and dental histories;
6. identify the significance of each question included in a health history;
7. identify four vital signs and discuss the range of expected values and the importance of regular determination of vital signs for individuals receiving dental care;
8. identify the components of a complete client assessment;
9. list and describe the objectives of the extraoral and intraoral examination;
10. identify the clinical features of the periodontal tissues and identify related structures that must be examined for a complete assessment;

11. correctly identify, describe and record findings relating to extraoral and intraoral structures;
12. given a variety of periodontal instruments identify the parts, purposes and uses of each instrument;
13. differentiate dental bacterial plaque/biofilm from pellicle, material alba, and food debris in terms of composition, significance and detection;
14. identify and compare the classification, clinical characteristics, formation, and distribution of dental calculus;
15. identify and classify various dental stains and discolorations as to their location and source;
16. compare different extrinsic stain removal techniques in terms of efficiency, operator safety and patient needs;
17. discuss the development of gingival and periodontal infections;
18. discuss various types of caries in terms of classification, development and detection;
19. identify and define key terms and concepts that relate to dental records and charting;
20. identify and discuss key terms and concepts related to health promotion and disease prevention;
21. describe key factors and procedures that enhance successful client learning and motivation; and
22. identify and interpret the components of the dental hygiene process of care.

Major Topics

- I. The Profession of Dental Hygiene
- II. Disease Transmission
- III. Prevention of Disease Transmission/Infection Control
- IV. Performance Logic
- V. Prevention of Occupational Hazards
- VI. Medical/Dental Histories
- VII. Vital Signs
- VIII. Extraoral and Intraoral Examination
- IX. Principles of Instrumentation
- X. Assessment Instruments
- XI. Universal and Area-Specific Instruments
- XII. Bacterial Plaque/Biofilm and Other Soft Deposits
- XIII. Hard Deposits
- XIV. Dental Stains & Discolorations
- XV. Dental Caries
- XVI. Periodontal Disease Introduction
- XVII. Dental Charting
- XVIII. Disease Prevention
- XIX. Principles of Learning
- XX. Disease Control Motivation
- XXI. Dental Hygiene Process of Care

Course Requirements

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

Writing: The individual faculty member will determine specific writing assignments.

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 state in the Common Course Outline.