

DHY 107 Preventive Oral Health Services I

Course Abstract

If you need accommodations due to a disability, contact Disability Services in Edison Hall Room 100, 732.906.2546.

To foster a productive learning environment, the College requires that all students adhere to the Code of Student Conduct which is published in the college catalog and website.

Course ID and Name: DHY 107 Preventive Oral Health Services I

Department: Dental Hygiene

Course Instructor: Kathleen Costanzo, R.D.H., M.Ed.

Prerequisites: None

Course Description:

Introduction to primary dental hygiene services. The basic sciences are related to the performance of such services as taking medical and dental history, vital signs, oral inspection, periodontal instrumentation and patient education. Laboratory and clinical exercises supplement didactic materials. May not be audited.

General Education Status:

Credits: 4 **Lecture Hours:** 2 **Lab Hours:** 8 **Practicum Hours:** 0 **Recitation Hours:** 0

LEARNING OUTCOMES:

1. Prevent transmission of disease by utilizing acceptable procedures for sterilization, disinfection and sanitization. **C2, C3, HP5**
2. Perform and interpret the medical history and vital signs in order to provide individualized treatment and prevent harm to the patient. **C1, C2, C3, C4, C9, C10, HP1, HP4, HP5, PC1**
3. Recognize signs and symptoms of a medical emergency typical to the dental setting and identify the appropriate response necessary. **C1, C2, C3, C4, C10, HP1, HP5, PC1, PC2, PC3**
4. Demonstrate correct ergonomics for optimal efficiency and minimal risk of developing musculo-skeletal problems. **C3, C10, HP1, HP5**
5. Perform an oral inspection utilizing appropriate techniques while being able to recognize and record deviations from normal. **C3, C4, C9, HP1, HP5, PC1, PC2**
6. Perform the proper insertion, adaptation, angulation and activation of the periodontal instruments. i.e. explorers, curets, and sickle scalers. **C3, C4, HP5**

COURSE OBJECTIVES:

Based on the completion of a series of lectures, reading assignments, course attendance, demonstrations and laboratory practice, the student will be able to, on a written, laboratory examination or evaluation:

Lecture and Laboratory:

1. Utilize acceptable procedures for sterilization, disinfection, and sanitization to prevent transmission of disease. **C2, C3, C7**
2. Take a health history to use in planning dental hygiene care and in preventing harm to the patient and operator. **C4, C9, HP1, HP2, HP3, PC2, PC3**
3. Measure and record a patient's vital signs (ie. pulse, respiration, blood pressure). **C3, CP4, HP1, HP2, HP4, HP5, PC1, PC2**
4. Operate the dental unit, chair, and light. **HP4, HP5**
5. Position the patient and self for effective treatment and proper ergonomics. **C3, C4, HP5, PC4**
6. Complete an extra-oral and intra-oral inspection utilizing appropriate techniques and recording oral deviations from normal. **C3, C4, C9, HP1, HP5, PC1, PC2**
7. Demonstrate knowledge of safety and hazard communication in the dental environment. **C1, C2, C7, HP5**
8. Perform the proper insertion, adaptation, angulation and activation of the periodontal instruments. i.e. explorers, cures and sickle scalers. **C3, C4, HP5**
9. Differentiate and explain the types of soft deposits, its location, composition and properties. **C3, HP1, PC1**
10. Describe the characteristics and common location of calculus and its modes of attachment. **C3, HP1, PC1**
11. Demonstrate toothbrush and flossing techniques as they apply to the individual and their dental needs. **C3, C4, C8, HP1**
12. Demonstrate basic competency in all of patient treatment skills in order to permit clinical practice in the Middlesex County College Dental Hygiene Clinic. **C1, C2, C3, C4, C10**
13. Administer and/or assist administering emergency care to patients while recognizing what can be handled by the dental hygienist and what demands another professional's assistance. **C2, HP5**
14. Apply the Dental Hygiene Code of Ethics regarding professional conduct appearance and provision of service. **C1, C2**
15. Demonstrate an interest in the profession of dental hygiene by showing and eagerness to learn, the ability to accept corrections gracefully, and being prompt and consistent in attending class and laboratory session. **C5**