

DHY 212 Preventive Oral Health Services IV

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 212 Preventive Oral Health

Department: Dental Hygiene

Course Instructor: TBD

Prerequisites: DHY 211, DHY 215, DHY 203, DHY 207, Current CPR for the Healthcare Provider

Course Description:

Continuation of DHY 211 with emphasis on improving clinical skills on patients of higher level of difficulty. Prepares students for successful completion of board examinations and employment. May not be audited.

General Education Status:

Credits: 5 **Lecture Hours:** 2 **Lab Hours:** 0 **Practicum Hours:** 16 **Recitation Hours:** 0

Learning Outcomes:

1. Identify and define the ethical and legal standards governing the practice of dental hygiene and integrate these standards into clinical practice. **C1, C2, C3, C5, C7, C8, C9, C10, HP1, HP2, HP3, HP5, CM2, PC1, PC2, PC3, PC4, PC5**
2. Demonstrate competent clinical skills in all phases of patient treatment. **C3, C4, C7, C8, C9, C10, HP1, HP2, HP3, HP4, HP5, CM3, PC1, PC2, PC3, PC4, PC5**
3. Identify the role and responsibilities of the dental hygienist in a variety of professional settings. **C1, C2, C3, C5, C6, HP1, PG1, PG2**
4. Identify characteristics of a professional resume and effective interview skill as they apply to the job search. **C5, C6, PG1, PG2**

Course Objectives:

LECTURE OBJECTIVES

At the completion of the lecture series, class discussions, role-play and clinical skills workshop, the student will be able to:

1. Describe the composition and scoring of the National Board Examination. **C2**
2. Compose a resume and complete job application materials. **C5, PGD1, PGD2**
3. List several items that should be discussed at a job interview. **C1, C5, PGD1**
4. Discuss several options available for positions in the dental hygiene field. **C2, PGD1, PGD2**

5. Describe the patient selection procedure, the preparation of paperwork, and the computer portion of the ADEX examination. **C1, PC1, C2, C7, C9, C10**
 6. Explain the procedure for acquiring a license to practice dental hygiene in New Jersey. **C2, PGD1**
 7. Describe the differences between ethics and jurisprudence. **C1, C2**
 8. Interpret the Principles of Ethics of the ADHA. **C1, C2**
 9. Apply the code of ethics to daily activities. **C1**
 10. Define social media and types of social media
 11. Discuss the importance of professionalism and ethics as it relates to the dental professional and online activity
 12. Review the provisions of the Health Insurance Portability Accountability Act in relationship to social media
 13. Explain how the law relates to health practitioners. **C2, C7, HP5**
 14. Relate the dental office as a business organization. **C1, C2, C7**
 15. Describe the necessary characteristics of a dental team member. **C1, C2, C5, C8, C9, C10, PGD2**
 16. Assess the need as well as any contraindications for the air powder polisher. **C3, C4, PC1, PC2, PC4**
 17. Demonstrate the use of the air powder polisher using the proper technique. **C10, HP4, PC4**
 18. Identify conditions that indicate the need for endodontic treatment. **C4**
 19. Identify the most common causes for root canal therapy. **C4**
 20. Identify those characteristics that may indicate the need for an orthodontic consult. **C4, HP3**
 21. Discuss alternate career options for dental hygienists. **PGD1, PGD2**
 22. Identify higher education programs that offer advanced degrees. **PGD1, PGD2**
 23. Research advanced degrees programs and relate them to their personal degree completion. **PG1, PG2**
 24. Perform ongoing self-assessment for professional growth and lifelong learning through journal writing. **C1, C5, C8**
 25. Demonstrate the correct technique for amalgam polishing using the Sho-Fu method. **C3, C9, PC4**
 26. Perform necessary steps to produce a radiographic image using the AirTechnique systems. **C3, C4, C7, C9 ***
 27. Dispense, mix and place periodontal dressing. **C3 ***
 28. Review patient charts in order to insure quality assurance. **C1, C2, C7, HP5**
 29. Identify alternate instruments to be used during periodontal scaling and root planing. **C3, C4, C10**
 30. Recognize the design characteristics of alternative instruments. **C3, C4, C10**
 31. Identify the roles of OSHA and the CDC in the dental setting
- * Denotes this skill is taught to laboratory competence. Additional training will be required to reach clinical competence.**

Clinical Objectives:

At the completion of the clinical experience, the student will be able to perform the following when rendering dental hygiene services to patients:

1. Prevent transmission of disease by utilizing standardized infection control protocol. **C2, C7, HP5**
2. Take a health history to use in planning dental hygiene care and prevent harm to patient, operator or others. **C4, C8, HP2, HP3, HP4, PC1, PC2, PC3**
3. Accurately measure and record a patient's vital signs (i.e.: Pulse, respiration, blood pressure). **C3, HP4, PC1**
4. Position patient and self for effective patient treatment and proper ergonomics. **C3, C10, HP4, HP5, PC2**
5. Recognize normal and abnormal conditions by performing a thorough oral inspection. **C3, HP4, HP5, PC1, PC2**
6. Perform a gingival assessment, recognizing signs of health and disease. **C9, HP4, PC1, PC2**

7. Perform a periodontal assessment recognizing signs of health and disease characteristic to each type. **C9, HP4, PC1, PC2**
8. Identify various tooth deposits and stains. **C4, PC1, PC2**
9. Identify and record existing dental conditions. i.e.: restorations, dental caries, occlusion and missing teeth. **C3, C9, HP4, PC1, PC2**
10. Collect and analyze assessment factors that affect the patient risk for oral disease. i.e.: dental caries, periodontal disease and oral cancer. **C4, C9, HP3, HP4, PC1, PC2**
11. Develop a dental hygiene care plan utilizing all available assessment data. **C4, C8, C9, HP3, HP4, PC1, PC2, PC3**
12. Utilize plaque and gingival indices as motivational tools in patient education. **C4, C8, HP4, PC1, PC2, PC5**
13. Expose, process and interpret dental radiographs. **C2, C4, C7, HP5, PC1, PC2, PC3**
14. Utilize a dental hygiene care plan, appointment and recall intervals for each individual patient. **C1, C3, C8, C9, C10, HP2, HP4, PC1, PC2, PC3, PC5**
15. Treat patients presenting with various levels of difficulty, encompassing the areas of: patient assessment, patient education, complete prophylaxis, radiography and expanded functions. **C1, C3, C4, C4, C8, C10, PC1, PC2, PC3, PC4, PC5**
16. Provide patient education that is individually tailored to attain and maintain oral health. **C3, C4, C8, PC2, PC3**
17. Perform periodontal debridement through scaling and root planning without traumatizing hard and/or soft tissue. **C10, HP5, PC4**
18. Remove plaque and stain by utilizing a hand piece and prophylaxis angle. **C3, PC4**
19. Remove plaque and stain by utilizing a prophylaxis jet. **C3, PC4**
20. Remove hard and soft deposits from dental appliances. **HP4, PC4**
21. Sharpen and recontour instruments by applying knowledge of instrument design. **C4**
22. Demonstrate proficiency in the use and care of the hand-piece and other adjunct instruments. **C4, HP5, PC4**
23. Demonstrate oral physiotherapy devices used as adjuncts to prophylaxis and oral hygiene care. **C8, HP2, HP4, PC3**
24. Identify periodontal sites that may respond to chemotherapeutic agents and place them appropriately. **C3, C4, HP4, PC1, PC2, PC3, PC4**
25. Evaluate the oral prophylaxis utilizing an explorer and disclosing solution. **C5, PC5**
26. Apply topical fluoride to the dentition. **C4, HP4, HP5, PC4**
27. Take alginate impressions and a bite registration. **C4, HP5, PC4**
28. Operate the autoclave sterilizing equipment. **C4, C7, HP5**
29. Manage the radiology and sterilizing departments efficiently. **C2, C7, HP5**
30. Maintain patient records accurately. **C1, C2, C7, C9, PC3**
31. Demonstrate and initiate appropriate emergency procedures when needed during patient Treatment. **C2, C3, C7, HP4, HP5, PC1, PC2**
32. Recognize and explain the factors to be considered when selecting teeth for sealant application. **C1, C3, C4, C7, C8, C10, HP1, HP4, PC1, PC2, PC3**
33. Demonstrate the correct clinical technique for applying pit and fissure sealants. **C2, C3, C4, C10, PC4, PC5**
34. Recognize and explain the factors to be considered when selecting teeth for amalgam polishing. **C1, C3, C4, C7, C8, C10, HP1, HP4, PC1, PC2, PC3**
35. Demonstrate the correct technique for amalgam polishing. **C2, C3, C4, PC4, PC5**
36. Demonstrate the steps for preparing for the administration of local anesthesia. **C1, C2, C7**
37. Plan dental hygiene interventions to manage dentin hypersensitivity. **C1, C2, C3, C4, HP1, HP2, HP5, PC1, PC2**
38. Demonstrate when indicated advanced methods of fulcruming in order to establish increased access and parallelism. **C3, C4, HP5, PC1, PC2, PC3**

39. Describe the etiology, signs and symptoms, oral and physical characteristics, treatment modifications, and precautions in dental management of patients with special needs. **C3, C4, C9, HP4, HP5, PC1, PC2, PC3**
40. Recognize and manage the oral manifestations related to the physical and behavioral disability when providing dental treatment. **C3, C4, C10, HP2, HP3, HP4, HP5, PC1, PC2, PC3, PC4**
41. Apply ethical, legal, and personal professional standards to the practice of dental hygiene. **C1, C2, C4, C7, C9, HP1, HP2, HP3, HP4, HP5, PC1, PC2, PC3, PC4, PC5)**
42. Implement dental dietary analysis for diet modification as it relates to the initiation and progression of caries. **C3, C8, C10, HP2, HP4, PC3, PC4**
43. Assess a patient's dental disease status as it relates to nutrition and make appropriate recommendations to improve a patient's oral health. **C3, C8, C10, HP2, HP4, PC3, PC4, PC5**
44. Utilize the biological monitoring system and read the indicators effectively. **C2, C4, C7**
45. Demonstrate the use of specific ultrasonic insert tips. **C4, PC4**
46. Demonstrate the use of subgingival irrigation and determine the appropriate time in the treatment sequence to utilize antimicrobial therapy. **C4, C10, PC1, PC2, PC3, PC4, PC5**
47. Identify and provide comprehensive care for a periodontally involved patient to be presented as a Periodontal Case study in the fourth semester. **C3, C4, C5, C8, C19, C10, PC1, PC2, PC3, PC4, PC5**
48. Identify patient management techniques while exposing the panograph radiograph. **C2, C3**
49. Demonstrate the ability to properly interpret the panograph radiograph. **C4, PC1, PC2**