

Course Outline for: DENH 1141 Pre-Clinic Skill Development**A. Course Description**

1. Number of credits: 4
2. Lab hours per week: 8
3. Prerequisites: Acceptance in Dental Hygiene Program
4. Corequisites: DENH 1140
5. MnTC Goals: None

Skill development sessions are structured to develop actual experience in infection control procedures, patient assessment, instrumentation skills, dental emergencies, deposit removal, mechanical polishing, and topical fluoride application. Small groups will be utilized for practical application skills, with students working on each other and using simulation materials.

B. Date Last Reviewed/Updated: January 2022**C. Outline of Major Content Areas**

1. Parts of the Dental Unit
2. Infection Control in the Dental Setting
3. Basic Instrument Management
4. Medical/Dental History
5. Vital Signs
6. Emergencies in the dental environment
7. Extra Oral and Intra Oral Examination
8. Clinical Features of the Gingiva
9. Periodontal Instruments and Instrumentation Methods
10. Dental Charting/Records
11. Deposits of the Teeth
 - a. Plaque
 - b. Calculus
 - c. Stain
12. Patient Self-Care
 - a. Tooth brushing methods
 - b. Interdental Care/Flossing techniques
 - c. Oral Physiotherapy Aids
13. Communication Skills
14. Selective Polishing

15. Topical Fluoride

D. Course Learning Outcomes

Upon successful completion of the course, the student will be able to:

1. Become familiar with all components of the NCC Dental Clinic.
2. Identify the parts and uses of the dental unit.
3. Review the components of the Dental Hygiene Instrument Kit.
4. Review the steps of infection control associated with the dental operator and the management of periodontal instrument sterilization procedures.
5. Discuss the importance of the components of Medical/Dental History.
6. Establish a routine to assess vital signs on all dental clients.
7. Identify the physical symptoms, causes, preventive measures, and remedies for emergency situations in the dental setting.
8. Demonstrate the basic steps of holding the dental instrument and maintaining it in the oral cavity.
9. Describe the various operator seating positions, use of magnification loupes, light adjustments, client seating, and principles of ergonomics associated with the dental hygiene appointment.
10. Identify the proper steps of the Intra-Extra Oral Exam.
11. The student will review the basic information related to all phases of dental hygiene instrumentation techniques while using the 23 Explorer (Sheppard Hook Explorer).
12. Demonstrate the various components and steps for completing the Dental Chart.
13. Review the basic information related to all phases of dental hygiene instrumentation techniques while using the various Periodontal Probes.
14. Identify the parts of the periodontium in both healthy and diseased states.
15. Demonstrate all the basic information related to all phases of dental hygiene instrumentation techniques while using the 11/12 explorer.
16. Describe, detect, and chart the various deposits that are found on the dentition.
17. Apply the basic information related to all phases of dental hygiene instrumentation techniques while using the universal instruments.
18. Describe the basic information related to all phases of dental hygiene instrumentation techniques while using the area specific instruments.
19. Review the various instrumentation techniques needed to remove calculus deposits.
20. Demonstrate the basic steps when completing the polishing of the dentition.
21. Explain the importance of flossing and apply appropriate flossing techniques to the dental client.
22. Identify the importance, armamentarium, and steps of fluoride treatment.
23. Provide oral hygiene instructions to clients and/or their caretakers.

E. Methods for Assessing Student Learning

1. Lab Evaluations
2. Exams
3. Worksheets/Assignments

F. Special Information

None