MASTER SYLLABUS

COURSE NO., HOURS AND TITLE: DH 207C-4 Pre-Clinic Instrumentation

INSTRUCTOR: TBD

INSTRUCTOR CONTACT INFORMATION:
Telephone: TBD
E-mail: TBD
Office Location: TBD
Office Hours: TBD

COURSE DESCRIPTION: DH 207C is a pre-clinical course which introduces the student to hands-on experiences with the fundamentals of dental hygiene theory, foundational instrumentation techniques, infection control protocol, and clinical policies. Students must demonstrate clinical competence with various skills involving classmates, typodonts, clinical equipment, and clinical policies. Four hours of lab weekly. Length of course: 16 weeks. Taken concurrently with DH 207 lecture. Must be accepted into professional sequence. Restricted to DH majors only and approval from the School of Allied Health or the DH program. The sophomore cohort entering the professional sequence for dental hygiene are required to have specific instruments and supplies upon starting their first clinical semester. The instruments are used throughout the dental hygiene program beginning the sophomore year through graduation. This program fee of $1,700 is applied upon registration in DH 207C.

COURSE OBJECTIVES:
At the completion of the course, the student will be able to:
1. Demonstrate effective time management in daily lifestyle and in pre-clinic. (Reinforced)
2. Demonstrate the proper communication skills (verbal and nonverbal) necessary to establish a desirable patient/operator respect and rapport. (Reinforced)
3. Demonstrate the proper operation, care and maintenance of various dental equipment used by the dental hygienist. (Introduced)
4. Disinfect and prepare the dental unit and operating area for the dental hygiene appointment. (Introduced)
5. Demonstrate effective infection control for various dental hygiene procedures. (Introduced)
6. Explain and demonstrate proper instrument preparation prior to sterilization. (Introduced)
7. Explain and demonstrate proper vibraclean operation while preparing instruments for sterilization. (Introduced)
8. Explain and demonstrate proper magnaclave (autoclave) operation for instrument sterilization. (Introduced)
9. Demonstrate the use of appropriate personal protective equipment for various dental hygiene procedures. (Introduced)
10. Demonstrate use of standard precautions on pre-clinical partner. (Introduced)
11. Demonstrate appropriate exposure control protocol. (Introduced)
12. Demonstrate the steps involved in retrieving new and/or sterile supplies without breaking the aseptic chain. (Introduced)
13. Demonstrate various hand exercises prescribed to develop manual dexterity and strength. (Introduced)
14. Select the appropriate instruments, and correct instrument end to perform a given task. (Introduced)
15. Demonstrate the modified pen grasp while utilizing dental instruments. (Introduced)
16. Demonstrate an acceptable fulcrum for all areas of the mouth when utilizing each dental instrument. (Introduced)
17. Demonstrate the proper uses of the mouth mirror, including illumination, trans-illumination, indirect vision, retraction, and protection. (Introduced)
18. Utilize proper hand and body positions and movements to promote physical well-being and time efficiency in dental hygiene care. (Introduced)
19. Demonstrate proper patient, light, and operator positioning during dental hygiene care to promote physical well-being and time efficiency. (Introduced)
20. Demonstrate correct activation and adaptation while utilizing dental instruments. (Introduced)
21. Demonstrate the proper use of the various periodontal probes. (Introduced)
22. Demonstrate the proper use of instruments (probe/dull explorer) and air in caries detection. (Introduced)
23. Demonstrate proper use of explorers in assessing tooth structure and in locating deposits. (Introduced)
24. Demonstrate the proper use of all instruments in your kit on mannequins and on lab partners. (Introduced)
25. Demonstrate appropriate technique in applying disclosant solution and calculating a plaque-free score. (Introduced)
26. Demonstrate effective extrinsic stain removal with a rubber cup and slow speed handpiece. (Introduced)

CONTENT OUTLINE:

<table>
<thead>
<tr>
<th>Topics</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>I. Infection Control</td>
<td>5%</td>
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<tr>
<td>II. Instrument Design and Classification of Hand Instruments</td>
<td>15%</td>
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<tr>
<td>III. Fundamental Skills (Modified Pen Grasp, Fulcrums, Positioning Mouth Mirror Usage, Adaptation and Activation)</td>
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<tr>
<td>IV. Instrumentation with Explorers, Probes, Sickles, Curets, and Mouth Mirror</td>
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<tr>
<td>V. Stains/Selective Polishing/Disclosing</td>
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<tr>
<td>VI. Instrument Sharpening</td>
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TEXTBOOKS: