

Course discipline/number/title: DH 1511: Dental Hygiene Practice I**A. CATALOG DESCRIPTION**

1. **Credits:** 3
2. **Hours/Week:** 6 hours lab
3. **Prerequisites (Course discipline/number):** None
4. **Other requirements:** None
5. **MnTC Goals (if any):** NA

B. COURSE DESCRIPTION: This course is a practical laboratory session designed to introduce basic instrumentation techniques necessary for the practice of dental hygiene. The theory, functions and procedures introduced in DH 1510 will be applied.**C. DATE LAST REVISED (Month, year):** December, 2023**D. OUTLINE OF MAJOR CONTENT AREAS:**

1. Infection control
2. Application of ergonomic principles for dental hygiene practice
3. Principles of instrumentation
4. Patient assessment
5. Intra/extra oral exam
6. Use of mirror, probe and explorer
7. Use of Gracey curets
8. Use of universal curet
9. Use of sickle scaler
10. Charting of periodontium
11. Polishing and fluoride
12. Basic biofilm control
13. Patient education

E. LEARNING OUTCOMES (GENERAL): The student will be able to:

1. Apply the CDC standards for infection control in the dental setting.
2. Perform a comprehensive patient assessment.
3. Demonstrate the principles of ergonomic practice for dental hygiene practice.
4. Demonstrate the principles of basic periodontal instrumentation.
5. Perform a comprehensive intra/extra oral examination.
6. Acquire a comprehensive medical and dental history, including vital signs, from a student partner.
7. Detect and remove soft and hard deposits which occur in a student partner mouth.
8. Perform a baseline periodontal assessment on a student partner.
9. Integrate theoretical concepts with practical application skills.
10. Apply agents to teeth using a prophylaxis angle/brush on a student partner.
11. Apply topical fluoride to a student partner's teeth.
12. Demonstrate basic biofilm control and patient education techniques on a student partner.

F. LEARNING OUTCOMES (MNTC): NA**G. METHODS FOR EVALUATION OF STUDENT LEARNING:** Methods may include but are not limited to:

1. Competencies/Process evaluations
2. Comprehensive final examination

H. RCTC CORE OUTCOME(S). This course contributes to meeting the following RCTC Core Outcome(s):
Communication. Students will communicate appropriately for their respective audiences.

Personal and Professional Accountability. Students will take responsibility as active learners for achieving their educational and personal goals.

I. **SPECIAL INFORMATION (if any):** None