

Course discipline/number/title: DH 2531: Dental Hygiene Practice III**A. CATALOG DESCRIPTION**

1. **Credits:** 6
2. **Hours/Week:** 12 hours clinical
3. **Prerequisites (Course discipline/number):** DH 1521
4. **Other requirements:** None
5. **MnTC Goals (if any):** NA

B. COURSE DESCRIPTION: A continuation of Dental Hygiene Practice II with supervised clinical experience and a weekly seminar. Students will apply basic theories, functions and procedures necessary for comprehensive client treatment.

C. DATE LAST REVISED (Month, year): December, 2023

D. OUTLINE OF MAJOR CONTENT AREAS:

1. Medical/dental history and assessment
2. Treatment planning
3. Radiography
4. Dental charting
5. Intra/extra oral exam
6. Periodontal assessment
7. Scaling and periodontal debridement
8. Selective polishing
9. Topical fluoride application
10. Oral health education
11. Pit and fissure sealants
12. Mechanical scalers
13. Instrument sharpening
14. Infection control
15. Risk management
16. Alginate impressions
17. Study casts
18. Desensitization
19. Interprofessional collaboration

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

1. Develop a comprehensive dental hygiene treatment plan.
2. Demonstrate the use of basic and auxiliary plaque control agents.
3. Perform periodontal assessment on clinic clients.
4. Develop oral hygiene/education sessions appropriate to client needs.
5. Perform dental charting on clinic clients.
6. Apply the CDC standards for infection control in the dental setting.
7. Perform a comprehensive client assessment.
8. Apply the principles of periodontal instrumentation on clinic clients.
9. Perform selective polishing and topical fluoride treatments on clinic clients.
10. Integrate theoretical concepts with practical application skills.
11. Evaluate and sharpen instruments as necessary.
12. Demonstrate proficiency in obtaining alginate impressions and pour study casts.
13. Increase measured proficiency in comprehensive dental hygiene treatment for Class I, Class II, Class III and Class IV clinic clients.
14. Manage the treatment of medical/dental emergencies with rational processes.
15. Integrate client health history and special needs into their treatment plan.
16. Evaluate and recommend clients for pit and fissure sealants.
17. Evaluate and recommend clients for radiographs, expose radiographs.
18. Demonstrate proficiency in tooth desensitization and sub-gingival irrigation.

- E. LEARNING OUTCOMES (GENERAL):** The student will be able to: **Continued. . .**
19. Demonstrate effective communication strategies that foster mutual respect and understanding among professionals from various disciplines.
 20. Analyze the dynamics of interprofessional teams and the importance of shared goals.
 21. Recognize ethical issues that may arise in interprofessional collaborations.
 22. Apply interprofessional collaboration principles to simulated patient cases.
 23. Reflect on individual and team performance in interprofessional collaborations.
 24. Understand the broader healthcare system and how interprofessional collaboration can enhance patient care, safety, and healthcare system efficiency.
- F. LEARNING OUTCOMES (MNTC):** NA
- G. METHODS FOR EVALUATION OF STUDENT LEARNING:** Methods may include but are not limited to:
1. Process evaluations
 2. Clinical client grades/student and instructor assessments
 3. Radiology client grades
 4. Completion of client and process evaluation requirements
 5. Completion of client competency evaluation requirements
- H. RCTC CORE OUTCOME(S).** This course contributes to meeting the following RCTC Core Outcome(s):
- Critical Thinking.** Students will think systematically and explore information thoroughly before accepting or formulating a position or conclusion.
- Personal and Professional Accountability.** Students will take responsibility as active learners for achieving their educational and personal goals.
- I. SPECIAL INFORMATION (if any):**
1. Liability Insurance is provided by RCTC.
 2. Tuition differential is used for supplies.
 3. Uniforms, safety glasses, clinic shoes, and instrument kits.
 4. Current healthcare level CPR certification is needed for course.
 5. HBV vaccine or waiver and other immunizations is needed for course.
 6. Yearly Mantoux test is required for course.
 7. Current medical insurance is required.