ROCHESTER COMMUNITY AND TECHNICAL COLLEGE COMMON COURSE OUTLINE

Course discipline/number/title: DH 2541: Dental Hygiene Practice IV

A. CATALOG DESCRIPTION
1. Credits: 6
2. Hours/Week: 12
3. Prerequisites (Course discipline/number): DH 2531
4. MnTC Goals (if any): NA

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

B. DATE LAST REVISED (Month, year): March, 2018

C. 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. Apply topical medications (topical fluoride, desensitizing agents, and bleaching agents)
10. Oral health education and nutritional assessments
11. Pit and fissure sealants
12. Mechanical scalers
13. Instrument sharpening
14. Local anesthesia and nitrous oxide sedation
15. Impressions and bite registration
16. Fabrication and delivery of custom fitted trays
17. Infection control
18. Risk management

D. LEARNING OUTCOMES (GENERAL): The student will be able to:
1. Develop a comprehensive dental hygiene treatment plan.
2. Develop oral hygiene/education sessions appropriate to client needs including nutritional analysis.
3. Demonstrate the use of basic and auxiliary plaque control agents.
4. Perform periodontal assessment on clinic clients.
5. Perform dental charting on clinic clients.
6. Apply the standards of practical infection control.
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 the use of medical/dental references when assessing client's medical histories.
13. Increase measured proficiency in comprehensive dental hygiene treatment for all categories of periodontal disease.
14. Manage the treatment/dental emergencies with rational processes.
15. Integrate client health history and special needs into their treatment plan.
16. Evaluate and recommend clients for and pit and fissure sealants.
17. Treatment plan and expose radiographs/images on clinic clients.
18. Demonstrate proficiency in tooth desensitization and subgingival irrigation.
19. Demonstrate proficiency in obtaining impressions, and bite registration.
20. Administer local anesthesia and nitrous oxide sedation to control pain during treatment.
21. Fabricate and deliver custom fitted trays for tooth whitening on clinic clients when indicated.

E. LEARNING OUTCOMES (MNTC): NA

F. METHODS FOR EVALUATION OF STUDENT LEARNING:
Methods may include but are not limited to:
1. Process evaluations
2. Clinical client grades
3. Radiology client grades
4. Completion of client and process evaluation requirements
5. Completion of client competency evaluation requirements
6. Document and present a comprehensive senior case presentation

G. RCTC CORE OUTCOME(S) ADDRESSED:
☐ Communication
☐ Critical Thinking
☐ Global Awareness/Diversity
☐ Personal/Professional Accountability

H. SPECIAL INFORMATION (if any):
1. Liability Insurance
2. Tuition Differential
3. Uniforms, safety glasses, clinic shoes, instruments
4. Current CPR certification
5. HBV vaccine or waiver and other immunizations
6. Mantoux
7. Physical evaluation