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

A. CATALOG DESCRIPTION
   1. Credits: 6
   2. Hours/Week: 12 hours clinic
   3. Prerequisites (Course discipline/number): DH 2531, CPR certification, college level reading, writing and critical thinking skills
   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): August, 2011

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. Periodontal debridement
   8. Selective polishing
   9. Topical fluoride and desensitizing agent application
   10. Oral health education and nutritional counseling
   11. Pit and fissure sealants
   12. Mechanical scalers
   13. Instrument sharpening
   14. Local anesthesia and nitrous oxide sedation
   15. Alginate impressions and study casts
   16. Tooth whitening

D. LEARNING OUTCOMES (GENERAL): The student will be able to:
   1. Record patient vital signs including blood pressure, pulse, and respiration.
   2. Develop a dental hygiene treatment plan.
   3. Demonstrate the use of basic and auxiliary plaque control agents.
   4. Perform periodontal assessment on clinic clients.
   5. Present an educational program for clients including nutritional counseling if necessary.
   6. Perform dental charting on clinic clients.
   7. Apply the standards of practical infection control.
   8. Perform a comprehensive client assessment.
   9. Apply the principles of periodontal instrumentation on clinic clients.
   10. Perform selective polishing and topical fluoride treatments on clinic clients.
   11. Integrate theoretical concepts with practical application skills.
   12. Evaluate and sharpen instruments as necessary.
   13. Demonstrate the use of medical/dental references when assessing client’s medical histories.
   14. Increase measured proficiency in comprehensive dental hygiene treatment for all categories of periodontal disease.
   15. Manage the treatment/dental emergencies with rational processes.
   16. Integrate client health history and special needs into their treatment plan.
   17. Evaluate and recommend clients for and pit and fissure sealants.
   18. Evaluate and recommend clients for radiographs.
   19. Evaluate and apply topical desensitizing agents.
   20. Take alginate impressions and produce study casts on a clinic client.
   22. Perform tooth whitening on clinic clients when indicated.
E. LEARNING OUTCOMES (MNTC): NA

F. METHODS FOR EVALUATION OF STUDENT LEARNING:
   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

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

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