Course discipline/number/title: DA 1260: Chairside Assisting II

A. CATALOG DESCRIPTION
1. Credits: 4
2. Hours/Week: 2 lecture, 4 lab
3. Prerequisites (Course discipline/number): Passing grades in DA 1200, DA 1210, DA 1215, DA 1220, DA 1225, DA 1230.
4. MnTC Goals (if any): NA

Chairside Assisting II will introduce the student to basic concepts of assisting for each of the dental specialties; to include: Pediatric Dentistry, Fixed Prosthodontics, Removable Prosthodontics, Endodontics, Oral and Maxillo-Facial Surgery, Periodontics, Orthodontics, and Public Health (Community) Dentistry. For each specialty, the student will learn terminology, treatment techniques, instrument tray set-ups, procedural order, and patient pre-operative and post-operative instructions. For Community Health Dentistry, students will actively prepare and deliver oral health care presentations for a variety of community groups.

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

C. OUTLINE OF MAJOR CONTENT AREAS:
1. Community Dental Health - (Public Health Dentistry)
   a) Potential Dental Education Audiences
   b) Dental Education Resources
   c) Presentation Formats
   d) Preparing for Community Dental Education Programs
   e) Delivering Community Dental Education Presentations
2. Pediatric Dentistry
   a) Introduction and Terminology
   b) Behavior Characteristics of Children
   c) Pediatric Patient Management
   d) Pain/Anxiety Control
   e) Children Patient’s With Special Needs
   f) Clinical Procedures: Armamentarium, Procedural Steps and Patient Instructions
3. Fixed Prosthodontics
   a) Introduction and Terminology
   b) Types of Fixed Prostheses
   c) Components of Prostheses
   d) Materials for Fixed Prostheses
   e) Cavity Preparation Techniques
   f) Clinical Procedures: Armamentarium, Procedural Steps & Patient Instructions
   g) Cosmetic Dentistry
4. Removable Prosthodontics
   a) Introduction and Terminology
   b) Types of Removable Prostheses and Parts
   c) Removable Prosthodontics Instruments /Armamentarium
   d) Clinical Procedures: Armamentarium, Procedural Steps & Patient Instructions
5. Endodontics
   a) Introduction and Terminology
   b) Endodontic Diseases
   c) Endodontic Instruments, Supplies, and Medicaments
   d) Endodontic Diagnosis, Treatment Planning and Case Presentation
   e) Clinical Procedures: Armamentarium, Procedural Steps, and Patient Instruction
6. Oral and Maxillo-Facial Surgery
   a) Introduction and Terminology
   b) Types of Oral Surgery Procedures
   c) Oral and Maxillofacial Surgery Instruments
   d) Care and Maintenance of Surgical Instruments
C. OUTLINE OF MAJOR CONTENT AREAS: Continued. . .
   e) Surgical Asepsis
   f) The Assistant’s Role in Surgical Procedures
   g) Preparation for Surgery
   h) Pre-Operative/ Post-Operative Patient Instructions
   i) Clinical Procedures: Armamentarium and Procedural Steps
   j) Postsurgical Complications

7. Periodontics
   a) Introduction and Terminology
   b) Periodontal Diseases and Etiology
   c) Periodontal Instruments
   d) Aseptic Technique During Periodontal Procedures
   e) Clinical Procedures: Armamentarium, Procedural Steps, and Patient Instruction

8. Orthodontics
   a) Introduction and Terminology
   b) Causes of Orthodontic Problems
   c) The Patient's Role in Orthodontic Treatment
   d) Categories of Orthodontic Treatment
   e) Review of Types of Occlusion and Tooth Position Defects
   f) Principles of Tooth Movement
   g) Orthodontic Appliances
   h) Orthodontic Instruments
   i) Orthodontic Procedures: Armamentarium, Procedural Steps, and Patient Instruction
   j) Post-Operative Care

D. LEARNING OUTCOMES (GENERAL): The student will be able to:
   1. Employ effective patient/team communications
   2. Employ professional attitudes and ethical decision-making.
   3. Demonstrate responsible work habits.
   4. Demonstrate principles of teamwork.
   5. Develop community dental education presentations for various target audiences.
   6. Develop audiovisual aides and handouts for community dental education presentations.
   7. Select appropriate audiovisual aids for community dental education presentations.
   8. Develop power point presentations to enhance community dental education presentations.
   9. Deliver effective community dental education presentations for a variety of audiences.
   10. Define the terms related to each dental specialty.
   11. Describe each dental specialty procedure.
   12. Correctly identify and explain the function of dental specialty instruments and equipment.
   15. List in correct order of performance the procedural steps for dental specialty procedures.
   16. Prepare for and assist for dental specialty procedures.
   17. Employ effective patient management techniques for dental specialty procedures.
   18. Deliver patient pre-operative and post-operative instructions for dental specialty procedures.
   20. Prepare tray set-ups and operatories for amalgam and composite procedures.
   21. Prepare for and assist for amalgam and composite procedures.
   22. Perform routine maintenance of operatory equipment and surfaces.
   23. Implement infection control, safety, and hazard management protocols consistent with program policy/CDC and OSHA recommendations.

E. LEARNING OUTCOMES (MNCT): NA

F. METHODS FOR EVALUATION OF STUDENT LEARNING:
   1. Weekly written quizzes.
   2. Instrument/supply identification quizzes
F. METHODS FOR EVALUATION OF STUDENT LEARNING: Continued.
   3. Written assignments
   4. Participation
   5. Deliver Community Dental Care Presentations to Diverse Community Groups
   6. Final written exam.
   7. Final instrument/supply identification exam

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

H. SPECIAL INFORMATION (if any): None