South Central College

DA 1830 Chairside Dental Assisting II

Course Outcome Summary

Course Information

Description  Chairside Dental Assisting II is a continuation of Chairside Dental Assisting I designed to provide knowledge of general and specialty dentistry with associated chairside dental assisting laboratory and clinical skills. Emphasis will be placed on general and specialty dental procedures, associated skills, dental armamentarium and supplies. (Prerequisites: DA 1814, DA 1815)

| Total Credits | 4 |
| Total Hours   | 96 |

Types of Instruction

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<td>Lecture</td>
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Pre/Corequisites

DA 1814 Chairside Dental Assisting I, DA 1815 Dental Materials

Institutional Core Competencies

Communication - Students will be able to demonstrate appropriate and effective interactions with others to achieve their personal, academic, and professional objectives.

Critical and Creative Thinking - Students will be able to demonstrate purposeful thinking with the goal of using a creative process for developing and building upon ideas and/or the goal of using a critical process for the analyzing and evaluating of ideas.

Course Competencies

1. Describe dental terminology
   Learning Objectives
   - List dental terminology
   - Memorize professional dental terminology

2. Incorporate infection control protocols
   Learning Objectives
   - Utilize aseptic clinic protocols
Implement patient care infection control measures
Implement disinfection and sterilization techniques
Utilize patient management techniques

3. **Apply professional and ethical clinical protocols**
   Learning Objectives
   Communicate dental procedures to patients
   Demonstrate professional language and protocols

4. **Utilize appropriate dental software**
   Learning Objectives
   Complete documentation with Subjective, Objective, Assessment, and Plan (SOAP) format
   Retrieve and update patient records

5. **Summarize provisional dental coverage and purpose**
   Learning Objectives
   Describe provisional coverage types, materials, and functions
   List provisional coverage criteria, indications, and contraindications
   Label dental rotary instruments, numbers, and functions
   Identify temporary cements, manipulation and usage
   State post-operative instructions

6. **Produce different methods of provisional dental coverage**
   Learning Objectives
   Demonstrate provisional coverage fabrication
   Practice dental cement manipulation, placement and removal
   Show provisional coverage removal technique
   Demonstrate knowledge in giving post-operative instructions

7. **Summarize Fixed Prosthodontic Dentistry**
   Learning Objectives
   Identify and describe fixed, direct prosthodontic restorations
   List indirect restoration procedural steps
   Describe dental laboratory prescription information, forms and use
   Explain dental prosthesis procedural overview
   Describe computer assisted prosthetic appliances and applications

8. **Apply gingival displacement methods**
   Learning Objectives
   Identify gingival displacement and tissue management techniques
   Utilize gingival displacement materials and instruments
   Demonstrate gingival displacement methods

9. **Describe Removable Prosthodontics**
   Learning Objectives
   Recognize the differences between a fixed and removable, partial and full prosthesis
   Describe extra-oral and intra-oral prosthetic appliance factors
   Label denture components and functions
   List denture appointment sequencing and scheduling
   Explain denture relining, rebasing, tissue conditioning, and repairs

10. **Explain Endodontic Dentistry**
    Learning Objectives
    Identify pulpal damage, causes, symptoms and signs
    Describe Endodontic diagnostic examinations and instruments used
    List Endodontic pathological conditions
    Describe Endodontic dental procedures, including tray set-ups, instruments, and Standard Operating Procedure (SOP)
11. **Apply Endodontic Dental procedures**
   Learning Objectives
   - Demonstrate drying Endodontic canals with paper points
   - Use temporary and intermediate dental materials
   - Show temporary and intermediate restoration placement

12. **Identify tooth whitening procedures**
    Learning Objectives
    - Describe tooth whitening treatment options
    - Recognize tooth whitening agents and ingredients
    - Identify shade guide types, use and applications
    - List tooth whitening procedural steps, adverse reactions, and abuse

13. **Demonstrate tooth whitening procedures**
    Learning Objectives
    - Practice model preparation for whitening
    - Construct whitening tray from model
    - Deliver whitening trays to patient
    - Interpret tooth whitening procedural steps, patient education, and post-operative instructions to patient

14. **Apply athletic mouth guard procedures**
    Learning Objectives
    - Explain athletic mouth protector types and functions
    - Demonstrate model preparation and athletic mouth guard fabrication
    - Deliver athletic mouth guard to patient

15. **Summarize Minnesota Board of Dentistry laws and rules**
    Learning Objectives
    - Define the dental practice act
    - Identify requirements for licensure of a dental professional in Minnesota
    - Explain legal principles, statutes, policies and regulations
    - Describe ethical principles and applications

16. **Explain the specialties of oral and maxillofacial surgery and dental implantology**
    Learning Objectives
    - Describe oral surgery and dental implant practices
    - Identify oral surgery procedures, instruments, and armamentarium
    - Name surgical aseptic practices and protocols
    - List oral surgery procedural steps
    - Apply knowledge in suture removal, post-surgical complications, medications, and post-operative instructions

17. **Explain the specialty of Periodontics**
    Learning Objectives
    - Identify periodontal structures and functions
    - Explain periodontal dental procedures and charting
    - List periodontal instruments and materials

18. **Identify general dentistry instruments and functions**
    Learning Objectives
    - Label hand cutting instruments and functions
    - List dental handpiece types and functions
    - Describe dental rotary instruments, numbering system, and functions
    - Identify restorative and accessory dental instruments and their functions

19. **Describe general dentistry procedures**
    Learning Objectives
    - Identify cavity classifications, preparations and associated terminology
Describe restorative dental procedures and SOP
List dental restorative instruments and armamentarium
Label dental matrices with their functions and use
Demonstrate matrices assembly, placement and removal

20. **Apply dental assisting duties for restorative dentistry**

Learning Objectives
Prepare procedure tray and armamentarium for dental restorations
Utilize dental team concepts
Assist with restorative dental procedures
Demonstrate knowledge of post-operative dental instructions

21. **Apply Bloodborne Pathogens standards**

Learning Objectives
Discuss hazardous waste protocol
Incorporate Bloodborne Pathogen standard in labs
Implement Hazardous Waste protocol
Utilize Bloodborne Pathogen exposure prevention methods

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