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** 4.00
**Total Hours** 96.00

Types of Instruction

<table>
<thead>
<tr>
<th>Instruction Type</th>
<th>Credits/Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>2 / 32</td>
</tr>
<tr>
<td>Laboratory</td>
<td>2 / 64</td>
</tr>
</tbody>
</table>

Pre/Corequisites

DA 1814 Chairside Dental Assisting I, DA 1815 Dental Materials

Institutional Core Competencies

- Critical and creative thinking: Students will develop the disposition and skills to strategize, gather, organize, create, refine, analyze, and evaluate the credibility of relevant information and ideas.

- Ethical reasoning and action: Students will develop ethical and social responsibility to self and others, and will collaborate with others to address ethical and social issues in a sustainable manner.

- Foundations and skills for lifelong learning: Students will display an understanding of learning as a lifelong process through demonstration of a desire to learn, the willingness to apply learning to other areas of their lives, the ability to think and act independently, be willing to take the initiative to get projects done, and demonstrate the ability to reflect upon what has occurred and how it impacts the student and others.

- Intercultural knowledge and competence: Students will recognize and understand the rich and complex ways that group and individual inequalities and interactions impact self and society.

- Teamwork and problem-solving: Students will demonstrate the ability to work together cohesively with diverse groups of persons, including working as a group to resolve any issues that arise.

- Written and oral communication: Students will communicate effectively in a range of social, academic, and professional contexts using a variety of means, including written, oral, numeric/quantitative, graphic, and visual
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

**SCC Accessibility Statement**

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