South Central College

DA 1825 Dental Assisting Expanded Functions

Course Outcome Summary

Course Information

Description
Dental Assisting Expanded Functions is designed to train chairside dental assistants in the Expanded Functions for an advanced level of skills and knowledge permitted to provide intraoral patient care procedures beyond traditional dental assisting duties. Procedures emphasized will be those legally allowed by the Minnesota Board of Dentistry for Licensed Dental Assistants. (Prerequisites DA 1814, DA 1815)

Total Credits 5
Total Hours 112

Types of Instruction

<table>
<thead>
<tr>
<th>Instruction Type</th>
<th>Credits/Hours</th>
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<tbody>
<tr>
<td>3 credits lecture</td>
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<tr>
<td>2 credits lab</td>
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Pre/Corequisites
DA 1814, DA 1815,

Institutional Core Competencies

Civic Engagement and Social Responsibility - Students will be able to demonstrate the ability to engage in the social responsibilities expected of a community member.

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.

Cultural Competence - Students will be able to demonstrate an attitude of personal curiosity, a rising knowledge of cultures, and an evolving range of skills for living and working among others with other worldviews and ways of life.

Course Competencies
1. **Incorporate Infection Control Guidelines**
   Learning Objectives
   Utilize aseptic protocols in clinic
   Implement aseptic techniques with patient care

2. **Apply ethical standard of care**
   Learning Objectives
   Maintain HIPAA protocol
   Communicate procedures to patients

3. **Document patient information in a professional manner**
   Learning Objectives
   Utilize dental software charting techniques
   Maintain patient records manually and with software

4. **Identify local anesthesia methods**
   Learning Objectives
   List methods used for anesthesia
   Explain armamentarium used for oral injections
   Apply topical anesthetics

5. **Apply Dental Dam methods**
   Learning Objectives
   List criteria for dental dam
   Demonstrate dental dam placement for anterior teeth on typodont
   Demonstrate dental dam placement on patient
   Demonstrate team placement of dental dam

6. **Identify instrumentation methods**
   Learning Objectives
   Utilize hand instruments to explore plaque
   Demonstrate plaque assessment
   Identify rotary instruments

7. **Summarize mechanical polish process**
   Learning Objectives
   List mechanical polish protocol
   Define limitations of mechanical polish
   Identify types of abrasives and polish techniques

8. **Identify deposits on teeth**
   Learning Objectives
   List types of stains
   Define and identify calculus
   List methods of stain removal

9. **Complete mechanical polish**
   Learning Objectives
   Demonstrate rotary instruments usage and maintenance
   Apply mechanical polish method to typodont
   Perform mechanical polish on patients

10. **Summarize pediatric dentistry**
    Learning Objectives
    Discuss behavior techniques used with children
    Describe special needs children and their treatment needs
    List treatment variations between adults and children
Discuss pediatric dental office setting and staff functions

11. **Define functions and criteria of dental sealants**
   Learning Objectives
   - Describe function of dental sealants
   - Identify methods of sealant placement
   - List indications/contraindications of dental sealants

12. **Perform sealant applications**
   Learning Objectives
   - Apply sealants to green teeth
   - Apply sealants to patient's teeth
   - Adjust sealants to proper occlusion

13. **Summarize orthodontics**
   Learning Objectives
   - List orthodontic procedures
   - Identify orthodontic instruments
   - Classify orthodontic procedures

14. **Identify authorized orthodontic duties for Minnesota**
   Learning Objectives
   - Define orthodontic process
   - List orthodontic duties for licensed dental assistants

15. **Demonstrate removal of bonding materials**
   Learning Objectives
   - Identify types of bonding materials
   - Remove excess bonding material with hand instruments
   - Remove excess bonding material with rotary instruments

16. **Perform usage of orthodontic separators**
   Learning Objectives
   - Define methods and process of separators
   - Place and remove orthodontic separators

17. **Perform usage of ligature ties and elastics**
   Learning Objectives
   - Define methods and process of elastics and ligature ties
   - Place and remove elastics
   - Place and remove ligature ties

18. **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**
South Central College strives to make all learning experiences as accessible as possible. If you have a disability and need accommodations for access to this class, contact the Academic Support Center to request and discuss accommodations. North Mankato: Room B-132, (507) 389-7222; Faribault: Room A-116, (507) 332-7222.

Additional information and forms can be found at: [www.southcentral.edu/disability](http://www.southcentral.edu/disability)
This material can be made available in alternative formats by contacting the Academic Support Center at 507-389-7222.