South Central College

DA 1814 Chairside Dental Assisting I

Course Outcome Summary

Course Information

Description
This course is designed to provide laboratory and clinical knowledge of skills required for dental assisting. Areas of emphasis are: clinical asepsis, safety, ergonomics, and patient management. Learners will also be exposed to an introduction into chairside assisting techniques including 4 and 6 handed dentistry. (Prerequisites: HLTH 1950, HLTH 1952, HLTH 1954, COMM 140, PHIL 100, DA 1812; Co-requisite DA 1813)

Total Credits 4
Total Hours 96

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

HLTH 1950, HLTH 1952, HLTH 1954, DA 1812
DA 1813
PHIL 100
COMM 140

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. Explain appropriate use of specific dental terminology

Learning Objectives
Define and pronounce key terms
Use appropriate dental terminology

2. Identify the dental office design
Learning Objectives
Differentiate clinical areas
Identify equipment and its usage

3. Explain dental office emergency preventative measures
Learning Objectives
List emergency preparation protocols
Describe basic emergency equipment
Identify dental office emergency protocols

4. Incorporate infection control protocols
Learning Objectives
Describe clinical infection control protocols
Demonstrate clinical infection control
Differentiate between disinfection and sterilization protocols
Complete infection control protocols

5. Incorporate professional and ethical clinical protocols
Learning Objectives
Utilize professional terminology
Employ Health Insurance Portability and Accountability Act (HIPAA)

6. Identify dental care delivery concepts and team ergonomics
Learning Objectives
Identify work positions
Describe team member and patient positioning
Discuss treatment room preparations

7. Apply ergonomic positioning concepts
Learning Objectives
Demonstrate dental team and patient positioning
Utilize ergonomic principles with positioning
Demonstrate work zone for operators

8. Recognize components of the patient record
Learning Objectives
Identify the types of forms in the patient record
Describe the process of gathering information for the patient record
List the uses of the patient record

9. Apply patient preparation and care concepts
Learning Objectives
Demonstrate taking vital signs
Incorporate the use of the patient record
Apply knowledge of documenting in the patient record

10. Identify dental instruments and armamentarium
Learning Objectives
Describe dental instrument design
List basic dental instrument set-up for a procedure
Recall instrument safety and care

11. Demonstrate the proper use of dental instruments
Learning Objectives
12. Prepare oral diagnosis and treatment planning devices
   Learning Objectives
   - Identify intra-oral structures
   - Complete alginate impressions
   - Demonstrate bite registration

13. Summarize the dental profession
   Learning Objectives
   - Identify historical dental contributions and individuals
   - Identify and describe the oral health team
   - Explain dental education, professional requirements, and associations

14. Identify psychological and behavioral concepts
   Learning Objectives
   - Identify human behavior characteristics and needs
   - Identify prominent psychologists and their beliefs
   - Explain cultural diversity
   - Define coping and defense mechanisms

15. Demonstrate fundamental instrumentation skills
   Learning Objectives
   - Practice the correct grasp of instruments
   - Show skill in use of the mouth mirror with direct and indirect vision
   - Apply different methods of instrument transfer techniques

16. Define moisture control methods
   Learning Objectives
   - Identify various moisture control methods
   - Describe oral rinsing techniques
   - List armamentarium for moisture control

17. Summarize personal oral hygiene techniques
   Learning Objectives
   - Explain preventative dentistry philosophy and principles
   - Identify methods of plaque control
   - List fluoride uses, types, and benefits

18. Demonstrate personal oral hygiene instructions
   Learning Objectives
   - Show proper tooth brushing methods
   - Complete fluoride tray applications
   - Practice denture cleaning and polishing

19. 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

Additional information and forms can be found at: www.southcentral.edu/disability

This material can be made available in alternative formats by contacting the Academic Support Center at 507-389-7222.