South Central College

DA 1814 Chairside Dental Assisting I

Common Course Outline

Course Information

**Description**  
Chairside Dental Assisting I provides the basic clinical background knowledge and skills required for dental assisting clinical techniques and methods. Areas emphasized include patient safety and positioning, instrument nomenclature, chairside assisting techniques, treatment planning, 4-6 handed dentistry and patient maintenance. (4 Credits (2 lect / 2 lab / 0 OJT) (Prerequisites: HLTH 1950, HLTH 1952, HLTH 1954, DA 1812)

**Instructional Level**  
Technical Diploma

**Total Credits**  
4.00

**Total Hours**  
96.00

Types of Instruction

<table>
<thead>
<tr>
<th>Instruction Type</th>
<th>Credits/Hours</th>
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<tbody>
<tr>
<td>Lecture</td>
<td>2 credits / 32 hours</td>
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<tr>
<td>Laboratory</td>
<td>2 credits / 64 hours</td>
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**Pre/Corequisites**

HLTH 1950 CPR, HLTH 1952 First Aid, HLTH 1954 Safety, DA 1812 Oral Anatomy

**Institutional Core Competencies**

1. 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.
2. 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.
3. 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.
4. 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.
Course Competencies

1 Identify fundamental dental health care principles.
   Learning Objectives
   Name dental historical individuals and their contributions.
   Define and pronounce key dental terminology.

2 Explain dental team and assisting fundamental background knowledge.
   Learning Objectives
   Identify dental team members, educational requirements, responsibilities and characteristics.
   Describe dental specialties, professional agencies and associations.
   Describe dental assistant roles and responsibilities.

3 Describe professionalism, dental ethics and dental law.
   Learning Objectives
   Differentiate professional ethical and legal principles.
   Discuss professional associations, state dental practice act and board of dentistry.
   Explain malpractice, risk management, abuse and neglect.
   Identify dental supervision levels and auxiliary expanded functions.
   Utilize legal and ethical principles.

4 Describe fundamental clinical dental foundations.
   Learning Objectives
   Identify the dental office environment, equipment, designs and functions.
   Describe dental care delivery, work simplification and work principles.
   Identify morning/evening dental assisting routines, preparations and duties.

5 Identify dental instruments, classifications and nomenclature.
   Learning Objectives
   Identify dental instruments, coding, sequencing and equipment.
   Describe dental instrument design, functions and usage.
   Select and prepare standard operating procedure tray set-ups, armamentarium and supplies.

6 Demonstrate infection control philosophies and principles.
   Learning Objectives
   Explain infection control utilization and protocol.
   Utilize correct PPE, operator/patient safety and team concepts.
   Demonstrate disinfection, sterilization and infection control procedures.
   Complete infection control / asepsis competencies and assessments.

7 Demonstrate dental assisting techniques and concepts.
Learning Objectives
Complete dental assisting teamwork, chairside dental assisting techniques and concepts.

Identify and complete moisture control techniques, evacuation, cotton roll and dri-angles.

Identify and complete diagnostic patient records, alginate impressions, bite registrations, and intra-oral photographs.

Complete dental assisting technique competencies and assessments.

8 Describe psychological, behavioral and paradigm classifications.

Learning Objectives
Discuss patient management and behavioral characteristics.

Describe Maslow's hierarchy, general behaviors and defense mechanisms.

Explain correct communication terminology, steps and processes.

9 Identify general anatomical and oral structures.

Learning Objectives
Describe intra-oral and extra-oral examination techniques.

Identify intra-oral and extra-oral anatomical structures.

Identify dental dentition, annotations and charting.

Complete EO/IO exam clinical competencies.

10 Demonstrate patient preparation, diagnosis and treatment planning.

Learning Objectives
Discuss examination, diagnostic and patient assessment techniques.

Explain patient records, case presentation levels, criteria and functions.

Utilize patient management and educational strategies and techniques.

Demonstrate patient registration, preparation and assessment techniques with vital signs.

Record and maintain patient records, charts and assessments.

11 Demonstrate direct patient care procedures.

Learning Objectives
Complete direct patient and team positioning, motion economy and operating zones.

Describe patient preparation, chairside assisting techniques, instrument grasp/transfers and operator concepts.

Develop and utilize operator skills, instrumentation and evaluations.

Complete direct patient care procedures, assessment techniques and competencies.

12 Demonstrate personal oral hygiene principles.

Learning Objectives
Define oral disease, causative factors, signs and symptoms.
Describe preventive dentistry principles, techniques and educational components.

Explain fluoride function, types, applications and techniques.

Demonstrate preventive dentistry principles, POH techniques, adjuncts and educational principles assessments and competencies.

13  Discuss emergency dental care protocol and procedures.

Learning Objectives
Explain dental and medical office emergency preparation and protocols.

Identify common dental office emergencies, equipment and supplies.

Demonstrate dental office emergency protocol.

SCC Accessibility Statement
If you have a disability and need accommodations to participate in the course activities, please contact your instructor as soon as possible. This information will be made available in an alternative format, such as Braille, large print, or cassette tape, upon request. If you wish to contact the college ADA Coordinator, call that office at 507-389-7222.

Disabilities page [http://southcentral.edu/academic-policies/disability-rights.html](http://southcentral.edu/academic-policies/disability-rights.html)