DA 62 Course Outline as of Fall 2025

CATALOG INFORMATION

Dept and Nbr: DA 62 Title: INTRO DENTAL PROC
Full Title: Introduction to Dental Procedures
Last Reviewed: 9/23/2024

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	2.00	17.5	Lecture Scheduled	35.00
Minimum	3.00	Lab Scheduled	4.00	17.5	Lab Scheduled	70.00
		Contact DHR	0		Contact DHR	0
		Contact Total	6.00		Contact Total	105.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 70.00 Total Student Learning Hours: 175.00

Title 5 Category:	AA Degree Applicable
Grading:	Grade Only
Repeatability:	00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:	
Formerly:	DNA 62

Catalog Description:
Students will learn the principles of chairside assisting. Emphasis is placed on chairside responsibilities, instrument and equipment identification, four-handed techniques, and sequences of general dentistry procedures. Additionally, students will learn topical anesthetic placement and the indications and contraindications of uses; identification, prevention, and management of common medical emergencies in dental settings.

Prerequisites/Corequisites:
Course Completion or Current Enrollment in DE 51

Recommended Preparation:

Limits on Enrollment:
Acceptance to Allied Dental Program

Schedule of Classes Information:
Description: Students will learn the principles of chairside assisting. Emphasis is placed on

chairside responsibilities, instrument and equipment identification, four-handed techniques, and sequences of general dentistry procedures. Additionally, students will learn topical anesthetic placement and the indications and contraindications of uses; identification, prevention, and management of common medical emergencies in dental settings.

(Grade Only)
Prerequisites/Corequisites: Course Completion or Current Enrollment in DE 51
Recommended:
Limits on Enrollment: Acceptance to Allied Dental Program
Transfer Credit: CSU;
Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	**Area**			Effective:	Inactive:
CSU GE:	**Transfer Area**			Effective:	Inactive:
IGETC:	**Transfer Area**			Effective:	Inactive:
CSU Transfer:	Transferable	Effective:	Fall 1981	Inactive:	
UC Transfer:		Effective:		Inactive:	

CID:

Certificate/Major Applicable:
Certificate Applicable Course

COURSE CONTENT

Student Learning Outcomes:
At the conclusion of this course, the student should be able to:
1. Apply knowledge pertaining to chairside assisting for general dentistry procedures.
2. Describe the effects of the oral environment as it pertains to the use of common dental materials used in restorative and preventive dentistry.

Objectives:
Upon completion of this course, students will be able to:
1. Demonstrate knowledge while assisting for preparation, placement, and finishing of general dentistry procedures.
2. Demonstrate the proper procedures necessary for effective patient care.
3. Demonstrate the procedure of taking and recording vital signs and identifying normal limits.
4. Describe the team approach of preventing and managing common types of medical emergencies possibly occurring in a dental setting.
5. Demonstrate the clock concepts of operating zones, explain the uses of each zone and demonstrate the positioning of operator, assistant, and patient.
6. Describe and demonstrate the characteristics of professional behavior.
7. Demonstrate the placement of topical anesthetic ointment prior to an injection of local anesthetic solution on maxillary and mandibular arches.
8. Demonstrate the preparation of an aspirating local anesthetic syringe, cartridge, and needle.

Topics and Scope:

I. The Dental Operatory
- A. Operating zones*
- B. Preparing operatory
- C. Equipment use and care*

II. Instruments: Identification and Use
- A. Hand instruments*
- B. Rotary instruments and accessories*

III. Local Anesthesia
- A. Topical anesthesia placement*
- B. Assembly of equipment*

IV. Delivering Dental Care
- A. Medical and dental history*
- B. Seating of patient, operator, and assistant*
- C. Moisture control*
- D. Matrix systems*
- E. Professionalism

V. Properties of Dental Materials
- A. Physical and chemical properties*
- B. Factors in selection

VI. Dental Cements
- A. Classifications
- B. Manipulation*

VII. General Dentistry
- A. Amalgam procedure
  1. Instruments and equipment*
  2. Sequence and assisting*
  3. Manipulation of materials*
  4. Safety precautions*
- B. Composite procedure
  1. Instruments and equipment*
  2. Sequence and assisting*
  3. Manipulation of materials*
  4. Safety precautions*
- C. Crown and bridge procedure
  1. Instruments and equipment*
  2. Sequence and assisting*
  3. Manipulation of materials*
  4. Safety precautions*
- D. Removable prostheses
  1. Types of prostheses*
  2. Sequence and assisting*
  3. Patient education*

VIII. Medical Emergencies
- A. Emergency procedures*
  1. Unconsciousness*
  2. Allergic reaction*
  3. Respiratory difficulty*
  4. Chest pain*
- B. Emergency kit supplies and equipment
- C. Prevention, recognition, and response

1. Patient position*
2. Stress reduction*
3. Vital signs*

*These items are introduced in lecture, and the related skill is performed in the lab.

Assignment:

Lecture Related Assignments:
1. Read 20-40 pages per week from required textbook
2. Workbook assignments
3. Quizzes (8-12)
4. Midterm written exam
5. Final written exam

Lab Related Assignments:
1. Clinical rotation assignment
2. Lab evaluations (15-25)
3. Midterm performance exam
4. Final performance exam

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None, This is a degree applicable course but assessment tools based on writing are not included because problem solving assessments and skill demonstrations are more appropriate for this course.	Writing 0 - 0%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Workbook assignments	Problem solving 10 - 30%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Lab evaluations and clinical rotation assignment, performance exams	Skill Demonstrations 40 - 60%

Exams: All forms of formal testing, other than skill performance exams.

Quizzes, lecture written midterm and final	Exams 30 - 50%

Other: Includes any assessment tools that do not logically fit into the above categories.

None	Other Category 0 - 0%

Representative Textbooks and Materials:
Modern Dental Assisting. 14th ed. Robinson, Debbie. Elsevier. 2023.
Instructor prepared materials