

**DA 61 Course Outline as of Fall 1997****CATALOG INFORMATION**

Dept and Nbr: DA 61 Title: INTRO CHR D.A.

Full Title: Introduction to Chairside Dental Assisting

Last Reviewed: 1/23/2017

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	4.00	8	Lecture Scheduled	32.00
Minimum	3.00	Lab Scheduled	6.00	8	Lab Scheduled	48.00
		Contact DHR	0		Contact DHR	0
		Contact Total	10.00		Contact Total	80.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 64.00

Total Student Learning Hours: 144.00

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 63

**Catalog Description:**

Introduction to the role of the chairside dental assistant, preparing the patient for dental treatment, positioning of the patient, operator and assistant for four-handed and six-handed dentistry. Obtaining patient health history and vital signs, treatment planning and data gathering and medical emergencies. Instrument grasps/transfers, triplex syringe use, oral evacuation and retraction. Identification and use of hand instruments, equipment maintenance, tub and tray setups.

**Prerequisites/Corequisites:**

Admission to the Dental Assisting Program via application process.

**Recommended Preparation:****Limits on Enrollment:****Schedule of Classes Information:**

Description: Introduction to the role of the chairside dental assistant, preparing the patient for dental treatment, positioning of the patient, operator & assistant for four-handed & six-handed dentistry. (Grade Only)

Prerequisites/Corequisites: Admission to the Dental Assisting Program via application process.  
 Recommended:  
 Limits on Enrollment:  
 Transfer Credit: CSU;  
 Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>CSU Transfer:</b>	Transferable	Effective: Fall 1981	Inactive: Spring 2020
<b>UC Transfer:</b>		Effective:	Inactive:

**CID:**

**Certificate/Major Applicable:**

Certificate Applicable Course

## **COURSE CONTENT**

### **Outcomes and Objectives:**

1. Demonstrate knowledge of information on a standard medical history and how medical conditions and patient's medications alter or compromise dental treatment.
2. Demonstrate the procedure of taking and recording vital signs and identify normal limits.
3. Describe the types of medical emergencies that may be encountered in a dental office and discuss the role of staff members in preventing and managing these emergencies.
4. Discuss and demonstrate the assistant's role in diagnosis, data gathering and treatment planning.
5. Identify and demonstrate the use, care and maintenance of each piece of dental equipment in the treatment room and laboratory.
6. Describe the clock concept of operating zones, explain the uses of each zone and demonstrate positioning of operator, assistant, and patient for each zone.
7. Identify and state the use and maintenance of hand and rotary instruments commonly used in dental procedures.
8. Demonstrate the exchange of instruments, handpieces, and materials at chairside.
9. Demonstrate and describe the use of preset trays and tubs in organizing dental instruments and materials by procedure.
10. Demonstrate the assembly adjustment and positioning of the HVE tip and mirror for retraction, and oral debriement in each area of the oral cavity.
11. Demonstrate the placement of typical anesthetic ointment prior to an injection of local anesthetic solution on maxillary and mandibular

arches.

12. Demonstrate the preparation of an aspirating local anesthetic syringe, cartridge and needle.

### Topics and Scope:

- I. Medical History
  - A. Components
  - B. Application to Dental Procedures
- II. Medical Emergencies
  - A. Emergency Procedures
  - B. Prevention
- III. The Dental Operator
  - A. Equipment, Use, and Care
  - B. Seating of the Patient, Operator, and Assistant
  - C. Operating Zones
  - D. Instrument Exchange
  - E. Oral Evacuation
- IV. Instruments
  - A. Hand Instruments
  - B. Rotary Instruments
- V. Local Anesthesia
  - A. Topical Anesthesia
  - B. Assembly of Equipment

### Assignment:

Reading assignments in texts and course syllabus.  
Two written reports (2-3 pages each).

### 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.

Lab reports, Quizzes, Exams

Problem solving  
30 - 75%

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

Class performances, Performance exams	Skill Demonstrations 15 - 50%
<b>Exams:</b> All forms of formal testing, other than skill performance exams.	
Multiple choice, True/false, Matching items, Completion	Exams 10 - 20%
<b>Other:</b> Includes any assessment tools that do not logically fit into the above categories.	
None	Other Category 0 - 0%

**Representative Textbooks and Materials:**

Torres, H. & Ehrlich, A. Modern Dental Assisting. 5th Ed. W.B. Saunders, 1996  
Chasteen, J. Essentials of Clinical Dental Assisting. 5th Ed. Mosby, 1996