

**DA 61 Course Outline as of Fall 2011****CATALOG INFORMATION**

Dept and Nbr: DA 61

Title: INTRO TO CHAIRSIDE 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	2.00	17.5	Lecture Scheduled	35.00
Minimum	3.00	Lab Scheduled	3.00	17.5	Lab Scheduled	52.50
		Contact DHR	0		Contact DHR	0
		Contact Total	5.00		Contact Total	87.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 70.00

Total Student Learning Hours: 157.50

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:**

Concurrent Enrollment in DA 62 and DA 60; and Course Completion or Current Enrollment in DE 50

**Recommended Preparation:**

Eligibility for ENGL 1A or equivalent

**Limits on Enrollment:**

Acceptance to Allied Dental Program

**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, 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. (Grade Only)

Prerequisites/Corequisites: Concurrent Enrollment in DA 62 and DA 60; and Course Completion or Current Enrollment in DE 50

Recommended: Eligibility for ENGL 1A or equivalent

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:**

<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 the procedure of taking and recording vital signs and identify normal limits.
2. 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.
3. Discuss and demonstrate the assistant's role in diagnosis, data gathering, and treatment planning.
4. Identify and demonstrate the use, care, and maintenance of each piece of dental equipment in the treatment room and laboratory.
5. Describe the clock concept of operating zones, explain the uses of each zone and demonstrate positioning of operator, assistant, and patient, for each zone.
6. Identify and state the use and maintenance of hand and rotary instruments commonly used in dental procedures.
7. Demonstrate the exchange of instruments, handpieces, and materials at chairside.
8. Demonstrate and describe the use of preset trays and tubs in organizing dental instruments and materials by procedure.
9. Demonstrate the assembly adjustment and positioning of the High Volume Evacuation (HVE) tip and mirror for retraction, and oral debridement, in each area of the oral cavity.
10. Demonstrate the placement of topical anesthetic ointment prior to an injection of local anesthetic solution on maxillary and mandibular arches.
11. Demonstrate the preparation of an aspirating local anesthetic syringe, cartridge and needle.

**Topics and Scope:**

1. Medical History
  - A. Components
    1. Review health history
    2. Take vital signs
    3. Knowledge of normal vital signs
  - B. Application to Dental Procedures
    1. Use of local anesthetics for medically compromised patient
    2. Medications patient takes daily and possible effects on normal health
2. Medical Emergencies
  - A. Emergency Procedures
    1. Syncope
    2. Airway obstruction
    3. Cardiovascular
    4. Asthma attack
  - B. Prevention
    1. Scheduling
    2. Position during treatment
    3. Stress reduction
    4. Vital signs (baseline and subsequent visits)
3. The Dental Operatory
  - A. Equipment, use, and care
  - B. Seating of patient, operator, and assistant
  - C. Operating zones
  - D. Instrument exchange
  - E. Oral evacuation
4. Instruments: Identification and use
  - A. Hand instruments
  - B. Rotary instruments
5. Local Anesthesia
  - A. Topical anesthesia
  - B. Assembly of equipment

### **Assignment:**

Reading assignments (20-40 pages per week) in texts and course syllabus

Lab competencies (16-18)

Quizzes (8-12)

Mid-term and final performance exams

Mid-term and final written exams

### **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 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.

None

Problem solving  
0 - 0%

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

Performance exams and lab competencies

Skill Demonstrations  
40 - 60%

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

Quizzes, written midterm exam and written final exam

Exams  
40 - 60%

**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, Bird, D., Robinson, D., 2011, 10th Ed. W. B. Saunders DVD included in textbook

Instructor prepared materials