

DA R014: INTRODUCTION TO CHAIRSIDE DENTAL ASSISTING

Originator

aderdiarian

Co-Contributor(s)
Name(s)

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College

Oxnard College

Discipline (CB01A)

DA - Dental Assistant

Course Number (CB01B)

R014

Course Title (CB02)

Introduction to Chairside Dental Assisting

Banner/Short Title

Intro to Chairside DA

Credit Type

Credit

Start Term

Fall 2021

Catalog Course Description

This class is an introduction to the chairside dental assistant, preparing the patient for dental treatment, positioning of the patient, operator and assistant for four-handed and six-handed dentistry. Students will learn how to obtain patient health history and vital signs, treatment planning and data gathering. In addition, instrument grasp/transfer, triplex syringe use, oral evacuation and retraction will be taught. Identification and use of hand instruments, equipment maintenance, tub, tray and cassette set-ups of the basic general dental procedures will be learned.

Taxonomy of Programs (TOP) Code (CB03)

1240.10 - *Dental Assistant

Course Credit Status (CB04)

D (Credit - Degree Applicable)

Course Transfer Status (CB05) (select one only)

C (Not transferable)

Course Basic Skills Status (CB08)

N - The Course is Not a Basic Skills Course

SAM Priority Code (CB09)

C - Clearly Occupational

Course Cooperative Work Experience Education Status (CB10)

N - Is Not Part of a Cooperative Work Experience Education Program

Course Classification Status (CB11)

Y - Credit Course

Educational Assistance Class Instruction (Approved Special Class) (CB13)

N - The Course is Not an Approved Special Class

Course Prior to Transfer Level (CB21)

Y - Not Applicable

Course Noncredit Category (CB22)

Y - Credit Course

Funding Agency Category (CB23)

Y - Not Applicable (Funding Not Used)

Course Program Status (CB24)

1 - Program Applicable

General Education Status (CB25)

Y - Not Applicable

Support Course Status (CB26)

N - Course is not a support course

Field trips

May be required

Grading method

Letter Graded

Does this course require an instructional materials fee?

No

Repeatable for Credit

No

Is this course part of a family?

No

Units and Hours

Carnegie Unit Override

No

In-Class

Lecture

Activity

Laboratory

Minimum Contact/In-Class Laboratory Hours

105

Maximum Contact/In-Class Laboratory Hours

105

Total in-Class

Total in-Class

Total Minimum Contact/In-Class Hours

105

Total Maximum Contact/In-Class Hours

105

Outside-of-Class**Internship/Cooperative Work Experience**

Paid

Unpaid

Total Outside-of-Class

Total Outside-of-Class

Total Student Learning

Total Student Learning

Total Minimum Student Learning Hours

105

Total Maximum Student Learning Hours

105

Minimum Units (CB07)

2

Maximum Units (CB06)

2

Corequisites

DA R010 and DA R011 and DA R012 and DA R013, and DA R015

Advisories on Recommended Preparation

High School Diploma or GED and ENGL R101 or ENGL R101H

Limitations on Enrollment

Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross)

Proof of freedom from and immunity to communicable diseases

No acrylic or long nails in clinical settings

Current negative TB test or chest x-ray

Others (specify)

Physical examination demonstrating general good health

No visible tattoos or visible body piercings except single studs in earlobes

Other Limitations on Enrollment

Admittance to Dental Assisting program per application process

Requisite Justification**Requisite Type**

Advisory

Requisite

ENGL R101 or ENGL R101H

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Advisory

Requisite

High School Diploma or GED

Requisite Description

Credit program requisite (credit only)

Level of Scrutiny/Justification

Content review

Requisite Type

Corequisite

Requisite

DA R010

Requisite Description

Course in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Corequisite

Requisite

DA R011

Requisite Description

Course in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Corequisite

Requisite

DA R012

Requisite Description

Course in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Corequisite

Requisite

DA R013

Requisite Description

Course in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Corequisite

Requisite

DA R015

Requisite Description

Course in a sequence

Level of Scrutiny/Justification

Content review

Student Learning Outcomes (CSLOs)**Upon satisfactory completion of the course, students will be able to:**

- | | |
|---|--|
| 1 | Properly duplicate basic chairside duties of a dental assistant in a general dental practice |
|---|--|

Course Objectives**Upon satisfactory completion of the course, students will be able to:**

- | | |
|----|--|
| 1 | Apply information on a standard medical history and how medical conditions and patient's medications alter or compromise dental treatment |
| 2 | Apply and record the dental assistants role in diagnosis, data gathering and treatment |
| 3 | Apply the OSHA regulations on the clinic floor |
| 4 | Apply the procedures of taking and recording vital signs and the ability to list normal limits |
| 5 | Dramatize the various types of medical emergencies that may be encountered in a dental office and apply the role of staff members in preventing and managing these emergencies |
| 6 | Apply the dental assistant role in diagnosis, data collection, and treatment planning |
| 7 | Illustrate the regions of head and neck anatomy |
| 8 | Apply and record the dentition of primary dentition and permanent dentition |
| 9 | Apply the skills of periodontal charting |
| 10 | Label the major anatomical landmarks in the oral cavity |
| 11 | Examine and record the findings of gingival tissue |
| 12 | List the high risk areas of cancer in the oral cavity |
| 13 | Demonstrate basic chairside duties of a dental assistant in a general dental practice |

Course Content**Lecture/Course Content**

None

Laboratory or Activity Content

1. Students will be able to demonstrate proper disinfection protocols to competency.
2. Students will be able to demonstrate proper sterilization techniques to competency.
3. Students will be able to obtain vital signs to competency.
4. Students will be able to assist in proper taking of patient medical histories.
5. Students will be able to demonstrate proper handwashing techniques to competency.
6. Students will be able to record data gathering, diagnosis and treatment plans.
7. Students will demonstrate the ability to assist in managing medical emergencies.
8. Students will be able to illustrate the regions of head and neck anatomy.
9. Students will be able to apply and record the dentition of primary and permanent dentition.
10. Students will be able to apply the skills of periodontal charting.
11. Students will be able to identify the high risk areas of cancer in the oral cavity.
12. Students will be able to emulate basic chairside duties of a dental assistant in a general practice at a beginner level.

Methods of Evaluation

Which of these methods will students use to demonstrate proficiency in the subject matter of this course? (Check all that apply):

Skills demonstrations

Methods of Evaluation may include, but are not limited to, the following typical classroom assessment techniques/required assignments (check as many as are deemed appropriate):

Clinical demonstration

Group projects

Individual projects

Laboratory activities

Projects

Problem-Solving Assignments

Role playing

Skills demonstrations

Skill tests

Simulations

Written creation (poem, screenplay, song)

Instructional Methodology

Specify the methods of instruction that may be employed in this course

Audio-visual presentations

Clinical demonstrations

Class discussions

Distance Education

Lecture

Role-playing

Describe specific examples of the methods the instructor will use:

1) Audio Visual Presentations: Instructor utilizes multimedia presentations to demonstrate the course topics, specifically to highlight safety and accident prevention.

2) Class Discussions: The instructor will encourage participation and learning by facilitating discussions of the course content.

3) Clinical Demonstrations: Faculty will demonstrate the proper use of instruments, equipment, safety protocols and correct clinical procedures. They will demonstrate the proper handwashing, taking of vitals, instrument transfer, equipment maintenance and ergonomics.

4) Lectures: The class employs traditional lectures with Powerpoint presentations to present the material, in addition to supplemental lecture material provided through the online portal.

5) Role Playing: Students will demonstrate their understanding of the material by role playing the topics discussed. The role playing ensures an understanding of the topic

6) Group Projects: Instructors will assign projects to students to reinforce the course material. Students may either research and present material or work on techniques specific to the course material

7) Individual Projects: Instructors will assign students individual projects to accomplish in class which will supplement and enhance their understanding of the material. These projects may be written or a demonstration and discussion of a specific dental procedure.

8) Laboratory Activities: Laboratory instructors will demonstrate and emphasize the didactic material in the clinical setting. These activities will enhance the four and six handed dentistry concepts, and strengthen their chairside ability to take vitals, transfer instruments and prepare and set up instrument cassettes.

9) Role Playing: Students will demonstrate their understanding of the material by role playing the topics discussed. The role playing ensures an understanding of the topic and allows the opportunity to provide feedback to correct errors.

10) Simulations: Instructors will supervise students as they simulate various dental procedures meant to enhance their four/six handed dentistry skills in addition to skills needed in real world patient management situations.

11) Skills Test: Students will demonstrate proficiency through a series of skills tests. These tests include infection control, instrument management, identification, and tactile/dexterity skills.

12) Skills Demonstrations: Instructors will supervise students as they demonstrate required skills. Students will be expected to verbally describe their activity and how it relates to the activity being performed.

13) Projects: Students will be assigned projects to enrich their understanding of a topic. These projects can vary from written to a demonstration of a different type of procedure.

14) Problem Solving Assignments: Students will have assignments which focus their ability to identify, correct, and execute situations as they arise in a clinical setting. These assignments are designed to utilize and build on material presented in class.

Representative Course Assignments

Writing Assignments

-Students will be assigned projects to enrich their understanding of a topic. These projects can vary from written to a demonstration of a different type of procedure.

Critical Thinking Assignments

Students will have assignments which focus their ability to identify, correct, and execute situations as they arise in a clinical setting. These assignments are designed to utilize and build on material presented in class.

Reading Assignments

1. Doni L. Bird, Modern Dental Assisting
 - a. The professional Dental Assistant
 - b. The dental health team
 - c. Head and Neck Anatomy
 - d. Landmarks of the Face and Oral Cavity
 - e. Overview of the Dentitions
 - f. Tooth Morphology
 - g. Dental Caries
 - h. Periodontal Disease
 - i. Oral Pathology
 - j. Chemical and Waste Management
 - k. The Patient Record
 - l. Vital Signs
 - m. Oral Diagnosis and Treatment planning
 - n. The Medically Compromised and Physically Compromised patient
 - o. Delivering Dental Care
 - p. Dental Hand Instruments

Skills Demonstrations

- 1) Students will be required to certify competency of dental procedures through a series of skill demonstrations.

Outside Assignments

District General Education

A. Natural Sciences

B. Social and Behavioral Sciences

C. Humanities

D. Language and Rationality

E. Health and Physical Education/Kinesiology

F. Ethnic Studies/Gender Studies

CSU GE-Breadth

Area A: English Language Communication and Critical Thinking

Area B: Scientific Inquiry and Quantitative Reasoning

Area C: Arts and Humanities

Area D: Social Sciences

Area E: Lifelong Learning and Self-Development

Area F: Ethnic Studies

CSU Graduation Requirement in U.S. History, Constitution and American Ideals:

IGETC

Area 1: English Communication

Area 2A: Mathematical Concepts & Quantitative Reasoning

Area 3: Arts and Humanities

Area 4: Social and Behavioral Sciences

Area 5: Physical and Biological Sciences

Area 6: Languages Other than English (LOTE)

Textbooks and Lab Manuals

Resource Type

Textbook

Description

Bird, Doni L. (2020). *Modern Dental Assisting* (13th). St. Louis, Missouri Elsevier Saunders.

Library Resources

Sufficient Library Resources exist

Yes

Distance Education Addendum

Definitions

Distance Education Modalities

Hybrid (51%–99% online)
 Hybrid (1%–50% online)
 100% online

Faculty Certifications

Faculty assigned to teach Hybrid or Fully Online sections of this course will receive training in how to satisfy the Federal and state regulations governing regular effective/substantive contact for distance education. The training will include common elements in the district-supported learning management system (LMS), online teaching methods, regular effective/substantive contact, and best practices.

Yes

Faculty assigned to teach Hybrid or Fully Online sections of this course will meet with the EAC Alternate Media Specialist to ensure that the course content meets the required Federal and state accessibility standards for access by students with disabilities. Common areas for discussion include accessibility of PDF files, images, captioning of videos, Power Point presentations, math and scientific notation, and ensuring the use of style mark-up in Word documents.

Yes

Regular Effective/Substantive Contact

Hybrid (1%–50% online) Modality:

Method of Instruction	Document typical activities or assignments for each method of instruction
Asynchronous Dialog (e.g., discussion board)	Topics will be presented for discussion with the opportunity to provide commentary and feedback on fellow student responses.

Hybrid (51%–99% online) Modality:

Method of Instruction	Document typical activities or assignments for each method of instruction
Other DE (e.g., recorded lectures)	Any real-time instruction will be recorded and available to students through the LMS

100% online Modality:

Method of Instruction	Document typical activities or assignments for each method of instruction
Synchronous Dialog (e.g., online chat)	Lecture will be held synchronously at a designated weekly meeting

Examinations

Hybrid (1%–50% online) Modality

Online
 On campus

Hybrid (51%–99% online) Modality

Online
 On campus

Primary Minimum Qualification

DENTAL TECHNOLOGY

Additional local certifications required

Dental assisting faculty must have background in and current knowledge of dental assisting, the specific subjects they are teaching and educational theory and methodology e.g., curriculum development, educational psychology, test construction, measurement and evaluation. Faculty providing didactic instruction must have earned at least a baccalaureate degree or be currently enrolled in a baccalaureate degree program. Laboratory, preclinical and clinical faculty must be a Dental Assisting National Board "Certified Dental Assistant" or a California Registered Dental Assistant. Dentists are exempt from this requirement.

Review and Approval Dates

Department Chair

05/06/2020

Dean

05/06/2020

Technical Review

05/13/2020

Curriculum Committee

05/13/2020

Curriculum Committee

11/25/2020

CCCCO

MM/DD/YYYY

Control Number

CCC000452598

DOE/accreditation approval date

MM/DD/YYYY