

DA 63 Course Outline as of Fall 2011**CATALOG INFORMATION**

Dept and Nbr: DA 63

Title: DENTAL SPECIALTIES

Full Title: Dental Specialties

Last Reviewed: 11/22/2021

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 66

Catalog Description:

Instruction in assisting and instrumentation for the following specialties in dentistry: orthodontics, endodontics, periodontics, pediatric dentistry and oral maxillofacial surgery.

Prerequisites/Corequisites:

Course Completion of DA 61 and DA 62

Recommended Preparation:**Limits on Enrollment:**

Acceptance to Allied Dental Program

Schedule of Classes Information:

Description: Instruction in assisting and instrumentation for the following specialties in dentistry: orthodontics, endodontics, periodontics, pediatric dentistry and oral maxillofacial surgery. (Grade Only)

Prerequisites/Corequisites: Course Completion of DA 61 and DA 62

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:
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CSU Transfer:	Transferable	Effective:	Fall 1981	Inactive:
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UC Transfer:		Effective:		Inactive:
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CID:

Certificate/Major Applicable:

Certificate Applicable Course

COURSE CONTENT

Outcomes and Objectives:

Upon completion of this course, the student will be able to:

1. Describe the scope of practice of each of the following dental specialties
 - a. Orthodontics
 - b. Endodontics
 - c. Oral surgery
 - d. Pediatrics
 - e. Periodontology
2. Recognize dental instruments and prepare instrument tray set-ups for all dental specialty procedures.
3. Identify the classifications of malocclusion.
4. Recognize and operate equipment necessary to assist the dentist in a specialty procedure.
5. Describe the indications and contraindications of all the specialty treatment procedures.
6. Recognize and prepare the equipment used in nitrous oxide sedation.
7. Recognize and communicate clearly the level of patient sedation.
8. Recognize medical emergencies as related to patient sedation.
9. Describe the appropriate protocols as related to medical emergencies in the sedated patient.

Topics and Scope:

1. Orthodontics
 - a. Classifications of malocclusion
 - b. Orthodontic instruments, materials, equipment and tray set-ups
 - c. Registered Dental Assistant orthodontic functions
 - d. Indications and contraindications for orthodontic treatment
2. Periodontics
 - a. Classifications of periodontal disease
 - b. Periodontal procedure instruments, materials, equipment and tray set-up
 - c. Periodontal charting
 - d. Rationale for various types of periodontal treatment
 - e. Role of the RDA in periodontal therapy

3. Endodontics
 - a. Indications and contraindications for endodontic treatment
 - b. Signs and symptoms of pulpal pathosis
 - c. Sequencing of steps in endodontic treatment
 - d. Endodontic instruments, materials, equipment and tray set-up
 - e. Role of the RDA in endodontic therapy
4. Oral and Maxillofacial Surgery
 - a. Scope of treatment of oral and maxillofacial treatment
 - b. Referral of patients from a general dentist to the oral surgeon
 - c. Oral surgery instruments, material, equipment and tray set-up
 - d. Indications and contraindications for oral surgery
 - e. Role of the RDA during oral surgery
 - f. Role of the RDA in monitoring patient sedation
5. Pediatric Dentistry
 - a. Description of the pediatric practice
 - b. Behavior patterns of pediatric patients and parents
 - c. Pit and fissure sealant placement
 - d. Review of common anxieties in pediatric dentistry
 - e. Role of an RDA in a pediatric practice
6. Administration of Nitrous Oxide Analgesia
 - a. Action of nitrous oxide
 - b. Equipment
 - c. The "fail safe" nitrous oxide system
 - d. Indications and contraindications for nitrous oxide analgesia
 - e. Role of the RDA in assisting with nitrous oxide
 - f. Recognition and implementation of appropriate protocols in medical emergencies as related to patient sedation

Assignment:

1. Reading assignments in text and syllabus (15-25 pages per week)
2. Competency evaluations (8-10)
3. Class performance, role-playing (1-2)
4. Oral presentation (1-2)
5. Quizzes (7-9)
6. Written midterm (1) and final (1)
7. Lab midterm (1) and final (1)
8. Participation

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.

Class performances (role playing), competency exams, oral presentation

Skill Demonstrations
30 - 50%

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

Quizzes, written midterm and final, lab midterm and final

Exams
40 - 60%

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

Participation

Other Category
5 - 10%

Representative Textbooks and Materials:

Modern Dental Assisting, Torres and Ehrlich, A., Bird, D., Robinson, D., 2011, 10th Ed. W.B. Saunders

Instructor prepared materials