

DNA 66 Course Outline as of Fall 1981**CATALOG INFORMATION**

Dept and Nbr: DNA 66

Title: DENTAL SPECIALTIES

Full Title: Dental Specialties

Last Reviewed: 11/22/2021

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	2.00	Lecture Scheduled	1.00	17.5	Lecture Scheduled	17.50
Minimum	2.00	Lab Scheduled	3.00	17.5	Lab Scheduled	52.50
		Contact DHR	0		Contact DHR	0
		Contact Total	4.00		Contact Total	70.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 35.00

Total Student Learning Hours: 105.00

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:

Catalog Description:

Instruction in the specialties of dentistry and armamentarium required for each specialty. Development of the pre-clinical skills required for the Registered Dental Assistant. Assisting in the administration of nitrous oxide analgesia are included in this course.

Prerequisites/Corequisites:

DNA 60, 62, 63

Recommended Preparation:

Eligibility for English 100A, 104 or 1A or equivalent

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

Description: Instruction in the specialties of dentistry & armamentarium required for each specialty; development of the pre-clinical skills required for the Registered Dental Assistant. (Grade Only)

Prerequisites/Corequisites: DNA 60, 62, 63

Recommended: Eligibility for English 100A, 104 or 1A or equivalent

Limits on Enrollment:

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:

1. Orthodontics
 - a. Demonstrate positive identification of malocclusions
 - b. Identify, use and prepare set-ups for orthodontic instruments
 - c. Sterilize orthodontic instruments
 - d. Obtain intra-oral impressions on a classmate
 - e. Pour and trim orthodontic casts
2. Periodontics
 - a. Identify classifications of periodontal disease
 - b. Identify instruments used for periodontal procedures
 - c. Demonstrate periodontal charting
 - d. Sterilize periodontal instruments
 - e. Discuss the rationale for various types of periodontal treatment
3. Endodontics
 - a. Discuss the indications and contraindications for endodontic treatment
 - b. List the objective and subjective symptoms of pulpal pathosis
 - c. Describe the steps in endodontic treatment
 - d. Identify the instruments and materials used in endodontics
 - e. Describe the role of the chairside assistant in endodontics
4. Oral and Maxillofacial Surgery
 - a. Describe the scope of treatment of oral and maxillofacial treatment
 - b. Describe the referral process of a patient from a general dentist to the oral surgeon
 - c. Identify the instruments used in oral surgery
 - d. List the indications and contraindications for oral surgery
 - e. Demonstrate the role of the chairside assistant during oral surgery
5. Pediatric Dentistry

- a. Describe the specialty of pediatric dentistry
 - b. Role play with classmates, demonstrating behavior patterns of patients and parents
 - c. Describe a saliva test and its indication on the incidence of caries
 - d. Distinguish the difference between subjective and objective fear
 - e. Demonstrate the role of a chairside assistant in a pediatric practice
6. Assisting with Administration of Nitrous Oxide Analgesia
 - a. Describe the action of N₂O₂
 - b. Describe the "fail safe" system
 - c. List the indications and contraindications for analgesia
 - d. Describe the role of the RDA in assisting with N₂O₂

Topics and Scope:

- I. Orthodontics
 - A. Need for Orthodontic Treatment
 - B. Categories of Orthodontic Treatment
 - C. Role of the Chairside Assistant
 1. Assisting at chairside
 2. Cementation
 3. Removal of cement
 4. Ultrasonic
- II. Periodontics
 - A. Instrumentation
 - B. Periodontal Case Planning
 - C. Role of the Chairside Assistant
- III. Endodontics
 - A. Indications and contraindications
 - B. Instrumentation
 - C. Medicaments used in Endodontics
 - D. Emergency Care
 - E. Role of the Chairside Assistant
- IV. Oral and Maxillofacial Surgery
 - A. Referral of a Patient for Oral Surgery
 - B. Indications for Oral Surgery
 - C. Types of Oral Surgery
 - D. Anesthesia
 1. local
 2. general
 3. IV sedation
 - E. Role of the Chairside Assistant
- V. Pediatric Dentistry
 - A. The Pediatric Office
 - B. Patient Control and Cooperation
 - C. Parental Behavior
 - D. Examination of the Child Patient
 - E. Role of the Chairside Assistant
- VI. Nitrous Oxide Analgesia
 - A. The N₂O₂ Unit
 - B. Indications and Contraindications

- C. Methods of Administration
- D. Side Effects
- E. The Role of the Chairside Assistant

Assignment:

Reading assignments in texts and course syllabus

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.

Homework problems, Field work, 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, Field work, Performance exams

Skill Demonstrations
15 - 50%

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

Multiple choice, True/false, Matching items, Completion

Exams
10 - 20%

Other: 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. 4th Ed. W.B. Saunders, 1991

Chasteen, J. Essentials of Clinical Dental Assisting. 4th Ed. Mosby, 1991