

DA 65 Course Outline as of Fall 1997**CATALOG INFORMATION**

Dept and Nbr: DA 65

Title: DENTAL SCIENCE 2

Full Title: Dental Science 2

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 64

Catalog Description:

A foundation in dental pharmacology, oral pathology, dental nutrition, prevention, education and community health. Theory in practice in treating special needs patients. Lecture and lab provide the skills necessary for a California state approved course in coronal polish.

Prerequisites/Corequisites:

DA 60 (formerly DE 52).

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

Description: Theory of microbiology, transmission of disease & resistance to infection; a foundation in dental pharmacology & oral pathology. (Grade Only)

Prerequisites/Corequisites: DA 60 (formerly DE 52).

Recommended:

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

CID:

Certificate/Major Applicable:

Certificate Applicable Course

COURSE CONTENT

Outcomes and Objectives:

1. Describe the etiology, clinical features and treatment for developmental disturbances, diseases of the teeth and soft tissues and malignant and benign neoplasms.
2. Describe the components of plaque, hard deposits and stains, their formations and patterns of accumulation on the teeth.
3. Identify the key components in preventive dentistry and discuss the roles of systemic and topical fluorides in preventive dentistry
4. Demonstrate adaptation of the rubber cup and brush to the teeth during coronal polishing without damage of hard or soft tissues
5. Relate recommended brushing and flossing techniques inherent in a good oral hygiene program to coronal polish patient's needs.
6. Discuss the role of nutrition in preventive dentistry and analyze a patient's dietary diary identifying cariogenic and noncariogenic foods.
7. Describe the special needs of dental patients with physical and mental limitations and demonstrate techniques used in providing their dental treatment.
8. Identify the interrelationship of medicine and dentistry and analyze the significance of various medical problems as they relate to the provision of dental care.
9. Plan, implement and evaluate a community health presentation.
10. Describe the origins and actions for common drugs found in dental use.
11. Explain the rules pertaining to the administration of drugs as well as the indications, contraindications and patient reactions associated with commonly used drugs.

Topics and Scope:

- I. Pathology

- A. Developmental Disturbances
- B. Diseases of the Teeth
- C. Diseases of the Soft Tissues
- D. Benign and Malignant Neoplasms
- II. Preventive Dentistry
 - A. Hard and Soft Deposits
 - B. Oral Hygiene
 - C. Diet and Dental Cares
 - D. Fluorides
- III. Coronal Polish
 - A. Technique
 - B. Stains
 - C. California State Certificate of Completion
- IV. Community Health
 - A. Evaluation of Need
 - B. Presentation
- V. Pharmacology
 - A. Origins and Actions of Drugs
 - B. Drug Reactions
- VI. Special Needs Patients
 - A. Recognition
 - B. Dental Needs
 - C. Techniques in Treating

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, 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%

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. 5th Ed. W.B. Saunders, 1996

Chasteen, J. Essentials of Clinical Dental Assisting. 5th Ed. Mosby, 1996