

**DNA 62 Course Outline as of Fall 1981****CATALOG INFORMATION**

Dept and Nbr: DNA 62 Title: INTRO DENTAL PROC

Full Title: Introduction to Dental Procedures

Last Reviewed: 9/23/2024

| 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:

**Catalog Description:**

Instruction in the properties and characteristics and mixing techniques of dental materials. Instrumentation for operative dental procedures such as composite and amalgam restorations, gold inlays and crowns, veneering and bonding techniques, fixed and removable prosthetics. Mannequin instruction in techniques such as placement of bases and liners, matrix retainers and temporary restorations. Theory of health hazards associated with dental materials and methods of OSHA compliance in labeling products.

**Prerequisites/Corequisites:**

Admission to the Dental Assisting Program via application process.

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

Description: Instruction in the properties, characteristics & mixing techniques of dental materials. Theory of health hazards associated with dental materials & methods of OSHA compliance in labeling products. (Grade Only)

Prerequisites/Corequisites: Admission to the Dental Assisting Program via application process.

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. Identify and describe the properties of dental materials as gypsum products and dental impression materials.
2. Demonstrate mixing of all dental cements.
3. Demonstrate placement of a posterior matrix band and wedge.
4. Take an alginate impression of a typodont.
5. Take an alginate impression of another student/lab partner.
6. Trim study models to be used for diagnostic purposes.
7. Place IRM temporary restorations.
8. Place cavity liners.
9. Place sedative bases.
10. Demonstrate OSHA-accepted protocol for avoidance of cross-contamination.

### **Topics and Scope:**

- I. Properties of Dental Materials
  - A. Factors in Selection
  - B. Role of FDA
  - C. Role of ADA
  - D. Physical Properties
  - E. Chemical Properties
- II. Types of Dental Materials
  - A. Impression Materials
  - B. Gypsum Materials
  - C. Restorative Materials
  - D. Prosthetic Materials

### III. RDA Functions

- A. Types of Supervision Required
- B. Bases and Liners
- C. Temporary Restorations.
- D. Matrix Placement

#### Assignment:

Reading 5 chapters 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. 4th Ed. W.B. Saunders, 1991

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