

**DH 86 Course Outline as of Fall 2011****CATALOG INFORMATION**

Dept and Nbr: DH 86 Title: DH AND DENTISTRY  
 Full Title: Integration of Dental Hygiene and Dentistry  
 Last Reviewed: 2/7/2022

Units	Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	2.00	Lecture Scheduled	2.00	17.5	Lecture Scheduled 35.00
Minimum	2.00	Lab Scheduled	0	17.5	Lab Scheduled 0
		Contact DHR	0		Contact DHR 0
		Contact Total	2.00		Contact Total 35.00
		Non-contact DHR	0		Non-contact DHR 0

Total Out of Class Hours: 70.00

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:**

This course is designed to integrate the concepts of general dentistry and five of the dental specialties into the practice of dental hygiene. The student will learn how to collaborate with general dentists and specialists in the following fields: endodontics, oral maxillofacial surgery, orthodontics, pediatrics, and prosthodontics. Students will learn how to recognize oral conditions that could indicate the need for a referral. Students will be exposed to various types of technology unique to each specialty.

**Prerequisites/Corequisites:**

Course Completion of DH 76

**Recommended Preparation:****Limits on Enrollment:**

Acceptance to Allied Dental Program

**Schedule of Classes Information:**

Description: This course is designed to integrate the concepts of general dentistry and five of the dental specialties into the practice of dental hygiene. The student will learn how to collaborate with general dentists and specialists in the following fields: endodontics, oral maxillofacial

surgery, orthodontics, pediatrics, and prosthodontics. Students will learn how to recognize oral conditions that could indicate the need for a referral. Students will be exposed to various types of technology unique to each specialty. (Grade Only)

Prerequisites/Corequisites: Course Completion of DH 76

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:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:

<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
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<b>CSU Transfer:</b>	Transferable	Effective:	Spring 2001	Inactive:
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<b>UC Transfer:</b>		Effective:		Inactive:
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**CID:**

**Certificate/Major Applicable:**

Major Applicable Course

## **COURSE CONTENT**

**Outcomes and Objectives:**

Upon completion of this course, students will be able to:

1. List the dental specialties and scope of each as recognized by the American Dental Association (ADA).
2. Explain how the principles of dental hygiene relate to each specialty.
3. Discuss the importance of a treatment plan in all types of dental practices, and describe the examination and diagnostic techniques used for patient assessment in each specialty.
4. Discuss the importance of the patient's medical-dental history and explain its relevance to general and specialty dental treatment.
5. Identify the types of services that a commercial dental laboratory provide for general dentistry and each of the dental specialties.
6. Discuss the indications and contraindications for amalgam restorations.
7. Discuss the indications and contraindications for composite restorations.
8. List the indications and contraindications for a fixed prosthetic.
9. List the indications and contraindications for a removable prosthetic.
10. Discuss the factors influencing the choice among full crowns, inlays, onlays, and veneer crowns.
11. Describe the conclusions of the subjective and objective tests in endodontic diagnosis.
12. Provide an overview of endodontic therapy.
13. Describe surgical endodontics and how it effects treatment.
14. Describe the scope of practice of an oral maxillofacial surgeon.
15. Describe surgical procedures typically performed in a general and surgical practice.
16. Describe the postoperative care and possible complications of oral surgery.
17. Describe an overview of a pediatric dental practice.

18. Discuss specific behavioral techniques that work with children and provide positive reinforcement.
19. Discuss the importance of preventive dentistry in pediatrics.
20. List the type of procedures that are performed for the pediatric patient compared with those performed to treat patients with permanent teeth.
21. Describe the environment of an orthodontic practice.
22. Discuss corrective orthodontics, and describe the treatment involved.
23. List the types of diagnostic records that are used to assess orthodontic problems.
24. Describe ways to convey the importance of good dietary and oral hygiene habits in the practice of orthodontics.
25. Discuss California law in relation to the standard of care for making a referral.
26. Discuss guidelines to be used in determining when it is appropriate to refer a patient for specialty care.

## **Topics and Scope:**

### **I. American Dental Association (ADA) Recognized Specialties**

- A. Endodontics
- B. Oral and Maxillofacial Surgery
- C. Orthodontics
- D. Pediatrics
- E. Prosthetics

### **II. Dental Referrals**

- A. Duty to refer
  1. California Law (CA Dental Practice Act)
  2. Ethical considerations
- B. Documentation
- C. Guidelines for referral
- D. Liability
  1. Negligence
  2. Limited immunity
- E. Medical/Dental Histories

### **III. General Dentistry**

- A. Restorative procedures
  1. Amalgam restorations
  2. Composite restorations
- B. Esthetic procedures
  1. Veneers
  2. Crowns and bridges
- C. Role of the dental hygienist
  1. Collaborative treatment planning
  2. Oral hygiene procedures
- D. Technology used in restorative dentistry

### **IV. Endodontics**

- A. Scope of practice
- B. Diagnostic techniques and procedures
- C. Indications and contraindications
- D. Technology used in endodontics
- E. Role of the dental hygienist

### **V. Oral Maxillofacial Surgery**

- A. Scope of practice
- B. Diagnostic techniques and procedures

- C. Indications and contraindications
- D. Types of surgeries and post-operative care
- E. Technology used in oral surgery
- F. Role of the dental hygienist
- VI. Orthodontics
  - A. Scope of practice
  - B. Diagnostic techniques and procedures
  - C. Indications and contraindications
  - D. Technology used in orthodontics
  - E. Role of the dental hygienist
- VII. Pediatric Dentistry
  - A. Scope of practice
  - B. Diagnostic techniques and procedures
  - C. Patient management techniques
  - D. Indications and contraindications
  - E. Technology used in pediatrics
  - F. Role of the dental hygienist
- VIII. Prosthodontics
  - A. Prosthetic devices
    - 1. Fixed appliances
    - 2. Removable appliances
  - B. Diagnostic techniques and procedures
  - C. Patient Education
  - D. Indications and contraindications
  - E. Technology used in prosthodontics
  - F. Role of the dental hygienist
- IX. Commercial Dental Laboratories
  - A. Types of services
    - 1. Fixed appliances
    - 2. Removable appliances
  - B. Prescriptions and instructions
  - C. Dentist/lab communication
  - D. Technology used in dental laboratories
  - E. Role of the dental hygienist

**Assignment:**

1. Guest speaker 1 page summary reports (6)
2. Onsite dental laboratory orientation and report
3. Read 7 chapters (approx. 20 pages each)
4. Midterm exam 1
5. Quizzes (4)
6. Final exam (1)

**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.

Guest speaker summary reports

Writing  
30 - 40%

**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Onsite dental laboratory orientation and report

Problem solving  
5 - 10%

**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

None

Skill Demonstrations  
0 - 0%

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

Quizzes, mid-term, final exam

Exams  
35 - 60%

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

Participation in class discussions

Other Category  
5 - 15%

**Representative Textbooks and Materials:**

Modern Dental Assisting 10th Ed, Bird D., Robinson D., 2012 Elsevier