

**DE 50 Course Outline as of Fall 2011****CATALOG INFORMATION**

Dept and Nbr: DE 50

Title: INTRO DENTAL PROFESSION

Full Title: Introduction to the Dental Profession

Last Reviewed: 11/28/2022

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: DNA 60

**Catalog Description:**

An introduction to the field of dentistry and the educational requirements, roles and responsibilities of each member of the dental team, including the dentist, registered dental hygienist, and registered dental assistant. Legal and ethical concepts are introduced in this course.

**Prerequisites/Corequisites:****Recommended Preparation:**

Eligibility for ENGL 1A or equivalent

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

Description: An introduction to the field of dentistry and the educational requirements, roles and responsibilities of each member of the dental team, including the dentist, registered dental hygienist, and registered dental assistant. Legal and ethical concepts are introduced in this course. (Grade Only)

Prerequisites/Corequisites:

Recommended: Eligibility for ENGL 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:**

<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:
<b>CSU Transfer:</b>	Transferable	Effective: Fall 1981	Inactive:
<b>UC Transfer:</b>		Effective:	Inactive:

**CID:**

**Certificate/Major Applicable:**

Both Certificate and Major Applicable

## **COURSE CONTENT**

### **Outcomes and Objectives:**

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

1. Describe the highlights in the history of dentistry during the early times, Renaissance, and early America.
2. Describe the highlights in the history of dental hygiene and dental assisting.
3. Explain the role of Hippocrates in history and the basic premise of the Hippocratic Oath.
4. Identify the individuals credited with being the first dental hygienist and first dental assistant.
5. Describe the role and purposes of the professional associations for dentistry, dental hygiene, and dental assisting.
6. Discuss the role of the Commission on Dental Accreditation of the American Dental Association (CODA).
7. Describe the characteristics of dental professionalism.
8. Describe the scope of practice for the nine specialties of dentistry.
9. Describe the various roles of a dental assistant in a private practice.
10. Explain the roles of a dental hygienist as described in the American Dental Hygiene Association (ADHA) Code of Ethics.
11. Explain how the Code of Ethics contributes to the awareness of, and sensitivity to ethical situations in practice.
12. Explain the purpose of the California Dental Practice Act.
13. Describe the responsibilities of the California Dental Board.
14. Explain the licensing and renewal process in California for the registered dental hygienist and registered dental assistant.
15. Discuss the two types of statutory law and how each applies to the practice of dentistry.
16. Classify the duties of the dental hygienist and the dental assistant according to the level of required supervision.
17. Describe the requirements of informed consent.
18. Differentiate between implied consent and informed consent.
19. Describe the legal responsibilities of the registered dental hygienist and registered dental

assistant as a mandated reporter of child and elder abuse.

20.Explain the requirements of HIPAA (Health Insurance Portability and Accountability Act).

21.Describe the various types of dental care delivery systems.

22.Explain the concept of risk management, and describe the most important risk management techniques.

23.Discuss the Americans With Disabilities Act and its relationship to the practice of dentistry.

24.Describe the laws relating to sexual harassment in the workplace.

25.Identify the state and federal agencies that have an impact on the practice of dentistry and explain their functions.

## **Topics and Scope:**

### **A. History of Dentistry**

1. Early Times
  - a. The Egyptians
  - b. The Greeks
  - c. The Chinese
  - d. The Romans
2. The Renaissance
  - a. Leonardo da Vinci
  - b. Pierre Fauchard
3. Early America
  - a. Paul Revere
  - b. G.V. Black
  - c. Horace Hayden

### **B. History of Dental Hygiene**

1. Dr. Alfred Fones
2. Irene Newman

### **C. History of Dental Assisting**

1. Dr. Edmund Kells
2. Certification

### **D. Characteristics of a Professional**

1. Knowledge and skills
2. Attitude
3. Dedication
4. Responsibilities
5. Ethics and the Hippocratic oath

### **E. Professional Associations**

1. American Dental Association (ADA)
2. American Dental Hygienists Association (ADHA)
3. American Dental Assistants Association (ADAA)

### **F. Educational and Licensing Requirements**

1. Dentists
2. Dental Hygienists
3. Dental Assistants

### **G. Specialties**

1. Type
2. Educational requirements
3. Practice settings

### **H. Dental Ethics**

1. Basic principles of ethics

2. Core values
  3. Ethical dilemmas
- I. Dentistry and the Law
1. Statutory law
  2. California Dental Practice Act
  3. Malpractice
  4. Risk management
  5. Patient records (HIPAA)
  6. Reporting child and elder abuse
  7. Sexual harassment
  8. Americans with Disabilities Act
  9. Informed Consent
- J. Types of Dental Delivery Systems
1. Managed care
  2. Preferred providers
  3. Health maintenance organizations
  4. Group practices
- K. Regulatory and Advisory Agencies
1. Centers for Disease Control and Prevention (CDC)
  2. Occupational Safety and Health Administration (OSHA)
  3. Environmental Protection Agency (EPA)
  4. U.S. Food and Drug Administration (FDA)
  5. National Institutes of Health (NIH)
  6. National Institute for Dental and Craniofacial Research (NIDCR)
  7. Organization for Safety and Asepsis (OSAP)

### Assignment:

1. Reading assignments (10-15 pages per week)
2. Quizzes (6-8)
3. Exams (midterm and final)
4. Oral Report (10-15 minutes)
5. Research paper (group work, Internet search, in Modern Library Association (MLA) style.

### 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.

Research paper
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Writing 15 - 25%
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**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

None
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Problem solving 0 - 0%
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**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, midterm, final

Exams  
60 - 70%

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

Oral presentation of the research paper

Other Category  
10 - 15%

**Representative Textbooks and Materials:**

Daniel S., Harfst S., CV Mosby Mosby's Dental Hygiene, Concepts, Cases, and Competencies, 2008

Bird D., Robinson D., Elsevier, Modern Dental Assisting, 10th Ed., 2011

Instructor-prepared materials