

**DH 71 Course Outline as of Fall 2000****CATALOG INFORMATION**

Dept and Nbr: DH 71

Title: INTRO DENT HYG CARE &amp; TH

Full Title: Intro to Comprehensive Clinic Dental Hygiene Care and Theory

Last Reviewed: 3/11/2019

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	4.00	Lecture Scheduled	2.00	17.5	Lecture Scheduled	35.00
Minimum	4.00	Lab Scheduled	6.00	17.5	Lab Scheduled	105.00
		Contact DHR	0		Contact DHR	0
		Contact Total	8.00		Contact Total	140.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 70.00

Total Student Learning Hours: 210.00

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:**

An introduction to the contemporary role of the dental hygienist in California; the evolving profession of dental hygiene and the dental hygiene process of care. Clinical competency development will focus on the technical skills, procedures, and client assessments used in the clinical practice of dental hygiene. Infection control protocols established by the California Board of Dental Examiners and the Centers for Disease Control and Prevention will be implemented.

**Prerequisites/Corequisites:**

MICRO 60 OR HLC 55 and all of the following: PSYCH 1A, ANAT 1, PHYSIO 1, CHEM 60, FDNT 10 (OR FDNT 62), SPCH 1A.

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

Description: Introduction to the contemporary role of the dental hygienist in California; the evolving profession of Dental Hygiene and the Dental Hygiene process of care. Clinical

competency development will focus on the technical skills, procedures, and client assessments used in the clinical practice of Dental Hygiene. Infection control protocols established by the California Board of Dental Examiners and the Centers for Disease Control and Prevention will be implemented. (Grade Only)

Prerequisites/Corequisites: MICRO 60 OR HLC 55 and all of the following: PSYCH 1A, ANAT 1, PHYSIO 1, CHEM 60, FDNT 10 (OR FDNT 62), SPCH 1A.

Recommended:

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 1998	Inactive:
<b>UC Transfer:</b>		Effective:	Inactive:

**CID:**

**Certificate/Major Applicable:**

Certificate Applicable Course

## **COURSE CONTENT**

### **Outcomes and Objectives:**

1. Identify and define the four central paradigm concepts for the dental hygiene human needs conceptual model and the 11 human needs related to Dental Hygiene care.
2. Identify the 5 phases of the dental hygiene care process assessment, problem identification, planning, implementation and outcome evaluation that a dental hygienist may perform in helping to meet client needs.
3. List the benefits of the DDS and RDH cooperating as colleagues to integrate their respective regimens into a single comprehensive approach to quality care as related to: client, disease pattern, economics and career satisfaction.
4. Describe the value of collaboration between the dentist and dental hygienists during education and practice.
5. Exhibit professionalism through personal appearance, attitude, and conduct appropriate for the learning environment, as well as for rendering student-client care.
6. Apply infection control techniques for prevention of disease transmission through demonstration of proper pre-and-post appointment operatory preparation procedures, instrument recirculation methods and aseptic techniques.
7. Obtain a complete health/dental history, case history and explain the rationale and implication for each portion of the history form.

8. List the tissues composing the periodontium and their histologic origins.
9. Describe the fibers and ligaments and their functions.
10. Define the types of bone including alveolar, cortical, and cancellous.
11. Describe normal, healthy clinical appearance of the gingivae and the periodontal pathologic responses to infections.
12. Identify the etiological factors associated with periodontal diseases.
13. Describe the appropriate records and documentation of periodontal assessments.
14. Perform an exam and intraoral-examination and identify and describe the normal range of clinical appearance for extra-and-intra-oral hard and soft tissues and structures.
15. Demonstrate assessment skills designed to identify oral health in order to plan treatment with the goal of delivering comprehensive dental hygiene care.
16. Apply principles of instrumentation for the proper use of the explorer
17. Demonstrate procedures and techniques for scaling and root planing instruments used for implementation of initial periodontal therapy, periodontal maintenance and oral prophylaxis with universal curets and scalers.
18. Demonstrate the ergonomic principles of operator positioning, patient positioning, and instrumentation.
19. Perform procedures associated with evaluation of outcome following implementation of dental hygiene care.
20. Apply the principles of infection control as identified by the California Board of Dentistry, the Centers for Disease Control & Prevention.
21. Implement the maintenance procedures for all dental equipment as recommended by the manufacturer.

### **Topics and Scope:**

- A. Overview of Dental Hygiene Process and Role of RDH in California
- B. Dental Hygiene Human Needs Conceptual Model
- C. Dental Hygiene Process
- D. Collaborative Practice
  1. Dental Specialties
  2. General Practices
- E. Inventory and identification of instruments and supplies
- F. Equipment Operation and Maintenance
- G. Prevention of Disease Transmission
  1. Infection Control Protocol for Operatory (Pre/Post Appointment)
  2. Prevention of Cross Contamination/Cross Infection During Dental Hygiene Procedures.
  3. Instrument Recirculation Protocol
  4. Central Sterilization Area
- H. Periodontium
  1. Introduction to Anatomy and Histology of the Periodontium
  2. Introduction to Periodontal Disease Process
  3. Periodontal Examination
  4. Epidemiology of Periodontal Disease

5. Professional Mechanical Oral Hygiene Practices
  - I. Operator/Client Positioning
  - J. Dental Hygiene Ergonomics
  - K. Dental Hygiene Assessments
  - L. Health, Dental/Dental Hygiene and Social Histories
  - M. Instrumentation Fundamentals (Grasp and Fulcrum)
  - N. Positioning of Client/Operator, Fulcrums, Mirror Use and Options
  - O. Introduction to Techniques and Practice on Typodonts/Student Partners:
    1. Probe
    2. Explorers 3-A, 11-12
    3. Universal Curets
    4. Scalers
  - P. Examination of the Teeth (Restorative Charting Practice)
  - Q. Introduction to Dental Hygiene Diagnosis and Formulation of Dental Hygiene Care Plan
  - R. Implementation of Dental Hygiene Care Plan
  - S. Evaluation of Dental Hygiene Care Plan.
  - T. Documentation

**Assignment:**

1. Completion of reading assignments
2. Read professional journals and evaluate articles according to criteria checklist
3. Demonstrate professional demeanor

**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.

Written homework, Reading reports

Writing  
10 - 80%

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

Lab reports, Quizzes, Exams

Problem solving  
5 - 40%

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

Class performances, Performance exams

Skill Demonstrations  
5 - 35%

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

Multiple choice, True/false, Matching items, Completion

Exams  
5 - 40%

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

Instrumentation

Other Category  
5 - 25%

**Representative Textbooks and Materials:**

DENTAL HYGIENE THEORY AND PRACTICE, Darby, M. and Walsh, M.,  
W.B. Saunders, 1995.

CLINICAL PRACTICE OF THE DENTAL HYGIENIST, 7th Ed., Wilkins,  
Lea & Febiger, 1990.

COMPREHENSIVE DENTAL HYGIENE CARE, Woodall, Irene, 4th Ed., Mosby,  
1993.