

**DH 71C Course Outline as of Fall 2020****CATALOG INFORMATION**

Dept and Nbr: DH 71C Title: CLINICAL CARE/THEORY 3

Full Title: Clinical Dental Hygiene Care and Theory 3

Last Reviewed: 9/9/2024

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	2.00	Lecture Scheduled	1.00	17.5	Lecture Scheduled	17.50
Minimum	2.00	Lab Scheduled	3.00	6	Lab Scheduled	52.50
		Contact DHR	0		Contact DHR	0
		Contact Total	4.00		Contact Total	70.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 35.00

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: DH 77

**Catalog Description:**

This course is designed for continuity of clinical application of the dental hygiene process for delivering patient-centered care initiated in the previous clinical course. The course will consist of seminar and clinical experiences. Students will continue to develop skills by working with patients in the Santa Rosa Junior College Dental Hygiene clinic.

**Prerequisites/Corequisites:**

Course Completion of DH 71B and Concurrent Enrollment in DH 78

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

Description: This course is designed for continuity of clinical application of the dental hygiene process for delivering patient-centered care initiated in the previous clinical course. The course will consist of seminar and clinical experiences. Students will continue to develop skills by working with patients in the Santa Rosa Junior College Dental Hygiene clinic. (Grade Only)

Prerequisites/Corequisites: Course Completion of DH 71B and Concurrent Enrollment in DH 78

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: Summer 2000	Inactive:
<b>UC Transfer:</b>		Effective:	Inactive:

**CID:**

**Certificate/Major Applicable:**

Major Applicable Course

## **COURSE CONTENT**

### **Student Learning Outcomes:**

At the conclusion of this course, the student should be able to:

1. Provide treatment that includes preventative and therapeutic procedures to promote and maintain oral health and assist the patient in achieving oral health goals (beginner level).
2. Evaluate effectiveness of patient treatment, patient education, planned clinical and community educational service and make necessary modifications (beginner level).

### **Objectives:**

At the conclusion of this course, the student should be able to:

1. Assess and present a summary of the patient's physical status.
2. Identify significant medical and dental modifications required before proceeding with dental hygiene care, determine proper precautionary procedures (including consultation and/or referral) and apply those modifications during dental hygiene care.
3. Identify possible medical risks to prevent and/or mitigate medical emergencies.
4. Adhere to infection control protocols.
5. Provide comprehensive dental hygiene care for assigned patients. Care will include assessment procedures, recording (charting) of findings, problem identification, dental hygiene treatment planning, case presentation, gaining patient informed consent, implementing the individualized dental hygiene care which may include: preventive services, therapeutic procedures, adjunct therapies and evaluation of patient response.
6. Describe dental hygiene care modifications required with regard to: communication, safety precautions, appointment planning, care environment, individualized home care and oral manifestations or therapeutic side effects for the delivery of comprehensive dental hygiene care for patients with special needs.
7. Integrate and correlate the basic behavioral and dental sciences as they apply to the care of the dental hygiene clinic patients.
8. Discuss the history and legal environment for the duties authorized by AB1174.
9. Discuss the science behind partial caries removal and minimally invasive dentistry

10. Identify appropriate patients and teeth for placement of Interim Therapeutic Restorations (ITRs)
11. Demonstrate effective placement of ITRs on typodonts and patients
12. Describe considerations following ITR placement including protocols for identifying and responding to adverse outcomes
13. Determine which radiographs to perform in order to facilitate an initial examination by a dentist

## **Topics and Scope:**

### **I. Theory**

- A. Physical evaluation and treatment of the dental hygiene patient\*
  1. medical emergencies
  2. health history
  3. dialogue history
  4. physical examination
    - a. vital signs
    - b. visual inspection
  5. medical risk
  6. presentation of findings
  7. non-surgical periodontal therapy
- B. Lifespan approach to dental hygiene care
  1. child
  2. adolescent
  3. geriatric
  4. edentulous
- C. Medically compromised/special needs patient
  1. methods of assessment of patient disabilities
  2. modification of dental hygiene care/precautions
  3. modification of communication
  4. appointment planning
  5. care environment modifications
  6. oral manifestations or side effects associated with condition
  7. individualized home care instruction
- D. ITR Techniques\*
  1. history and legal AB 1174
  2. minimally invasive dentistry
  3. effective placement

\*These items are introduced in lecture, and the related skill is performed in the lab

### **II. Clinical**

- A. Dental hygiene periodontal diagnosis
  1. utilization of assessment documents
  2. treatment plan using assessment documents
- B. Preventive oral hygiene care instructions
  1. individualized
  2. motivate patient
  3. prevention and control of oral diseases
- C. Assessment phase of dental hygiene process
  1. data analysis
  2. identify patient's needs
  3. treatment plan

- D. Nonsurgical periodontal therapy
  - 1. techniques for patients with:
    - a. periodontal health
    - b. gingivitis
    - c. periodontitis
  - 2. demonstrate instrumentation
    - a. mouth mirrors, periodontal probe, explores, universal and area-specific curets
    - b. detection and removal of supragingival and subgingival calculus, stains and plaque
  - 3. apply principles of instrument sharpening
- E. Evaluation outcome
  - 1. analysis
  - 2. accommodations
  - 3. care interval
- F. Interim therapeutic restorations
  - 1. demonstrate effective placement of ITRs on typodonts and patients
  - 2. determine which radiographs to perform in order to facilitate an initial examination by a dentist
- G. Professionalism
  - 1. honesty in actions and relationships
  - 2. attitude of concern, respect and cooperation
  - 3. time management
  - 4. safety regulations
  - 5. responsibility for assigned clinic duties

### **Assignment:**

#### Lecture

- 1. Completion of reading assignments (15-30 pages per week)
- 2. Weekly written homework (4-6 assignments)
- 3. Quizzes (2-4); written final examination

#### Laboratory/Clinical

- 1. Student self-assessment and journal of clinical sessions
- 2. Skill demonstrations/competencies
  - a. Explorer competency
  - b. Medical Emergency competency
  - c. Gracey Competency.
  - d. Ultrasonic competency.
- 3. Patient Performance Exams (3)
- 4. Provision of Dental Hygiene Patient Care Services (3-4 patient requirements)

### **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, self-assessment assignments
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Writing 5 - 10%
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**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

None

Problem solving  
0 - 0%

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

Clinical skill competencies, patient care services, patient performance exam

Skill Demonstrations  
40 - 50%

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

Quizzes, written final exam

Exams  
40 - 50%

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

None

Other Category  
0 - 0%

### **Representative Textbooks and Materials:**

Darby and Walsh Dental Hygiene Theory and Practice. 5th ed. Bowen, Denise and Pieren, Jennifer. Elsevier. 2020

Fundamentals of Periodontal Instrumentation. 8th ed. Gehrig, Jill and Sroda, Rebecca and Saccusso, Darlene. Lippincott Williams & Wilkins. 2018. video clips, online

Patient Assessment Tutorials. 4th ed. Gehrig, Jill. Lippincott Williams & Wilkins. 2017

Lexicomp (online for Dentistry). Wolters Kluwer Clinical Drug Information, Inc. and its affiliates and/or licensors. 2019

Foundations of Periodontics for the Dental Hygienist. 5th ed. Gehrig, Jill and Shin, Daniel and Willmann, Donald. Lippincott Williams and Wilkins. 2018

Clinical Policy Manual- online

Instructor prepared materials