

**DH 71D Course Outline as of Fall 2022****CATALOG INFORMATION**

Dept and Nbr: DH 71D Title: CLINICAL CARE/THEORY 4

Full Title: Clinical Dental Hygiene Care and Theory 4

Last Reviewed: 2/7/2022

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	7.00	Lecture Scheduled	2.00	17.5	Lecture Scheduled	35.00
Minimum	7.00	Lab Scheduled	15.00	17.5	Lab Scheduled	262.50
		Contact DHR	0		Contact DHR	0
		Contact Total	17.00		Contact Total	297.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 70.00

Total Student Learning Hours: 367.50

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: DH 82

**Catalog Description:**

Students will demonstrate advanced instrumentation principles, gingival curettage, pain control, and radiographic interpretation for treatment planning. Self-assessment skills will continue to be developed by working with patients in the Santa Rosa Junior College Dental Hygiene Clinic.

**Prerequisites/Corequisites:**

Course completion of DH 71C; AND Concurrent enrollment in DH 79 AND Concurrent enrollment in DH 80.

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

Description: Students will demonstrate advanced instrumentation principles, gingival curettage, pain control, and radiographic interpretation for treatment planning. Self-assessment skills will continue to be developed by working with patients in the Santa Rosa Junior College Dental Hygiene Clinic. Students will achieve beginner level at the conclusion of this course. (Grade Only)

Prerequisites/Corequisites: Course completion of DH 71C; AND Concurrent enrollment in DH 79 AND Concurrent enrollment in DH 80.

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 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. Identify and describe conditions that impact dental hygiene treatment and require appointment modifications.
2. Provide planned educational services using appropriate interpersonal communication skills and educational strategies to promote optimal health.

### **Objectives:**

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

Theory Objectives

1. Describe the process for creating a student portfolio and identify projects that would demonstrate competency
2. Compare and contrast the concepts of dental hygiene care for patients with various classifications of periodontal health and disease, including scaling and root planning, oral prophylaxis, periodontal debridement, host modulation therapy, and therapeutic endpoints
3. Define the process of formulating a treatment care plan and demonstrate treatment plan presentation
4. Explain the primary purpose in integrating caries management by risk assessment in to the oral healthcare practice
5. Discuss the functional components, design considerations, advanced fulcrum techniques, and customized details regarding the sequence of advanced hand-activated instrumentation
6. Define gingival curettage and explain the rational, indications, contraindications, and controversy surrounding the effectiveness of purposeful curettage
7. Compare and contrast delivery methods of subgingival antimicrobial agents
8. Describe the treatment modifications for patients with special needs; multi symptom disorder/disabilities and non-multi symptom disorder/disability

## 9. Discuss the dental hygiene process of care in the cross-cultural environment

### Clinical Objectives

1. Integrate and perform all aspects of dental hygiene care on a variety of patients at the SRJC dental hygiene clinic. Care will include assessment procedures, recording (charting) of findings, dental hygiene treatment planning, preventative procedures, therapeutic procedures, adjunct therapies, inter-professional collaboration and follow-up care
2. Participates in all dental hygiene clinical rotation duties
3. Perform dental hygiene services for patients at clinical off-site rotations
4. Provides to patients who qualify, interim temporary restorations including follow-up, and sealant placement
5. Demonstrates a high level of professional and ethical conduct with patients, students, faculty, and staff

### Topics and Scope:

#### I. Patient Care\*

##### A. Clinical procedures

1. intraoral camera
2. normal and abnormal radiographic images
3. calculus identification on radiographic images
4. medical and dental consults

##### B. Treatment/care plans\*

1. child
2. adolescent
3. adult
4. geriatric patient
5. special needs patient
6. culturally diverse

##### C. Treatment modifications for the multi-symptom disorder/disability

1. cardiovascular
2. respiratory
3. hematopoietic
4. gastrointestinal
5. chronic renal failure
6. liver disorder
7. endocrine
8. eating disorder
9. substance abuse
10. neurological
11. cerebral Palsy
12. marfan syndrome
13. scleroderma
14. scoliosis
15. spinal cord injury

##### D. Preventative procedures\*

1. fluoride therapy
2. sealants
3. interim therapeutic restoration
4. subantibiotic therapy

#### II. Instrumentation For Periodontal Therapy\*

##### A. Detect and remove plaque and calculus

- B. Administer local anesthesia
- C. Scaling and root planning
- D. Ultrasonic Scaling
- E. Gingival Curettage
- F. Subgingival irrigation
- G. subantibiotic placement
- H. Place sealants
- I. Fluoride therapy
- J. Radiographic images
  - 1. Full mouth x-rays (FMX)
  - 2. Bite wing x-rays (BWx)
  - 3. Panorex
- III. Extramural Clinical Sites\*
- A. Off site clinical rotations
- IV. Case presentations\*
- V. Test Cases And Advanced Test Case\*
  - A. Required patient types
  - B. Required assessments
  - C. Required instruments
  - D. Examination procedures

\*Denotes topic and subtopics taught in both lecture and clinic

### **Assignment:**

#### Lecture

- 1. Reading assignments, 10-25 pages per week
- 2. Readiness Assignment Evaluations (2-7)
- 3. Scenario-based case studies (6 - 8)
- 4. Quizzes (1-6)
- 5. Written exams- midterm(2) and final
- 6. Development of Portfolio Part 1

#### Laboratory/Clinical

- 1. One day of field work: off-site clinical rotation
- 2. Patient performance examinations (2-5)
- 3. Patient care services (15-20)
- 4. Written self-reflection summaries (3-5)
- 5. Written patient competency papers (2-4)
- 6 Written off-site rotation papers (1-3)

### **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 self-reflection papers, written patient competency papers, written off site rotation papers, development of Portfolio part 1

Writing  
5 - 15%

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

Scenario-based case studies, Readiness Assignment Evaluations (RAE)

Problem solving  
5 - 15%

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

Patient care services, patient performance examinations, Field work: Off-site clinical rotations

Skill Demonstrations  
50 - 60%

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

Quizzes, midterms, final examination

Exams  
25 - 40%

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

None

Other Category  
0 - 0%

**Representative Textbooks and Materials:**

Dental Hygiene Theory and Practice 5th Ed, Darby/Walsh, Elsevier, 2020

Drug Information Handbook for Dentistry (available online through SRJC library reference)

Instructor prepared materials on CANVAS