

**DH 72 Course Outline as of Fall 2020****CATALOG INFORMATION**

Dept and Nbr: DH 72

Title: ORAL HEALTH EDUCATION

Full Title: Oral Health Education

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	8	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:**

Introduction to the educational theory and practice of oral hygiene care. The primary focus will be on educational techniques to assist individuals and groups in making informed decisions with regard to oral health promotion and disease prevention. Personal mechanical removal of bacterial plaque through use of toothbrushes and oral physiotherapy aids is emphasized.

**Prerequisites/Corequisites:**

Course Completion of DH 71A; AND Concurrent Enrollment in DH 71B

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

Description: Introduction to the educational theory and practice of oral hygiene care. The primary focus will be on educational techniques to assist individuals and groups in making informed decisions with regard to oral health promotion and disease prevention. Personal mechanical removal of bacterial plaque through use of toothbrushes and oral physiotherapy aids is emphasized. (Grade Only)

Prerequisites/Corequisites: Course Completion of DH 71A; AND Concurrent Enrollment in DH 71B

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:**

Major Applicable Course

## **COURSE CONTENT**

### **Student Learning Outcomes:**

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

1. Evaluate and select appropriate patient educational materials as determined by the patient's beliefs, attitudes, and values regarding their oral health behavior.
2. Use critical thinking skills in assessing patients' oral health needs, determining appropriate preventive measures, and implementation of individualized oral health care programs.

### **Objectives:**

Students will be able to:

1. Describe ways in which a patient's beliefs, attitudes and values can affect his or her oral health behavior and motivation for change.
2. Differentiate between the levels of treatment and apply the criteria for distinguishing such levels to a given situation.
3. Differentiate between disease treatment, disease prevention and health promotion.
4. Demonstrate techniques for planning, implementation and evaluating a patient's oral health education program in selected case studies. This includes:
  - A. Assess the patient's health and oral health needs
  - B. Identify human need deficits
  - C. Formulate dental hygiene diagnoses
  - D. Identify motivational factors from the patient
  - E. Set appropriate goals and objectives
  - F. Utilizing evidence-based decision making, select appropriate preventive measures
  - G. Select appropriate client education materials
  - H. Utilize appropriate methods and strategies for communication
  - I. Implement an individual oral health care program
  - J. Document the interaction to facilitate evaluation of the patient's performance
5. Explain the role of biofilm and calculus in the initiation and progression of caries, gingivitis

- and periodontal disease.
6. Describe the rationale for systemic and topical fluoride use in the prevention of dental diseases.
  7. Discuss the role of diet and nutrition in the caries and periodontal disease process.
  8. Analyze a dietary assessment in relationship to: sugar content, food choices, and frequency of snacks, cariogenic potential and overall dietary guidelines for caries control.
  9. Identify patient education interventions that support various dental hygiene diagnoses.
  10. Explain and demonstrate the various tooth brushing techniques and explain the indications, advantages and disadvantages of each.
  11. Explain the advantages of various power toothbrushes and indications for their use.
  12. Discuss appropriate use and indications of interdental plaque control devices.
  13. Describe the methods for evaluation of personal mechanical oral hygiene practices.
  14. Discuss the management of dentinal hypersensitivity including; risk factors, preventive agents palliative agents applied by the patient and professionally.

## **Topics and Scope:**

### **I. Health Beliefs, Attitudes, and Values**

- A. Cultural
- B. Conceptual
- C. Dental human needs model

### **II. Treatment and Disease**

- A. Primary
- B. Secondary
- C. Tertiary
- D. Disease treatment
- E. Disease prevention
- F. Health promotion

### **III. Planning, Implementation and Evaluating**

- A. Domains of learning and motivation
- B. Cultural intelligence in motivation and learning
- C. Motivational interviewing
- D. Individualizing patient education
- E. Creating an environment for patient education
- F. Evaluation

### **IV. Role of Biofilm and Microflora**

- A. Implication for dental diseases
- B. Assessment
- C. Mechanical and chemical biofilm control

### **V. Fluoride and Dental Caries**

- A. Mechanism of fluoride uptake
- B. Systemic fluorides and multiple fluoride therapy
- C. Topical fluoride
- D. Fluoride rinses, dentifrices, etc.

### **VI. Diet, Nutrition, and Dental Caries**

- A. What food factors promote dental caries
- B. Functions of foods, eating habits, and dental disease
- C. Dietary patterns and cariogenic potential

### **VII. Patient Education Methods and Materials**

- A. Chairside instructional techniques and materials
- B. Personal mechanical oral hygiene practices
- C. Manual toothbrushes - types, techniques, indications and evaluation

- D. Power toothbrushes - types, techniques, indications and evaluation
- E. Interdental plaque control devices - types, techniques, indications and evaluation
- F. Dentifrices and mouthrinses
- VIII. Dentinal Hypersensitivity
  - A. Etiologies
  - B. Management

### Assignment:

1. Oral educational projects - trending topics and oral hygiene aid selection
2. Dietary analysis for caries potential
3. Completion of reading assignments (30-50 pages per week) with Readiness Assessment Evaluations
4. Report on home care aids/products
5. Skill demonstration - Oral Education Competency
6. Examinations - Quizzes, midterm, final exam

### 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.

Oral educational projects, Readiness Assessment Evaluations, report on home care aids/products

Writing  
30 - 40%

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

Dietary analysis

Problem solving  
5 - 10%

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

Oral Education Competency

Skill Demonstrations  
5 - 10%

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

Quizzes, midterm, final examination

Exams  
40 - 60%

**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

Instructor prepared materials on CANVAS