

DH 81 Course Outline as of Fall 2008**CATALOG INFORMATION**

Dept and Nbr: DH 81 Title: COMMUNITY DENTAL HEALTH

Full Title: Community Dental Health

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	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:

Catalog Description:

This course is designed to provide an insight into the opportunities for dental hygienists to work in community settings and public health. Students will learn the principles of public health programming through classroom and field experience. Students will participate in presentations in the field and in a community service learning experience.

Prerequisites/Corequisites:

Course Completion of DH 72

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

Description: Prerequisites: Completion of DH 72

Students will learn the principles of public health programming through classroom and field experience. Students will participate in presentations in the field and in a community service learning experience. (Grade Only)

Prerequisites/Corequisites: Course Completion of DH 72

Recommended:
Limits on Enrollment:
Transfer Credit: CSU;
Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	Area	Effective:	Inactive:
CSU GE:	Transfer Area	Effective:	Inactive:
IGETC:	Transfer Area	Effective:	Inactive:
CSU Transfer:	Transferable	Effective: Fall 2000	Inactive:
UC Transfer:		Effective:	Inactive:

CID:

Certificate/Major Applicable:

Major Applicable Course

COURSE CONTENT

Outcomes and Objectives:

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

1. Discuss the role of the dental hygienist in the public health system.
2. Describe the major oral health problems and the extent to which they affect the population.
3. Identify social, cultural, economic, and political factors influencing oral health problems.
4. Describe preventive measures that can be used in a community to reduce or control the major oral health problems.
5. Discuss ways in which members of a community currently receive oral health care and other health services, including privately and publicly funded services.
6. Discuss future trends in the delivery of health care and manpower utilization as they relate to meeting community oral health needs and demands.
7. Assess, by means of indices, surveys, questionnaires, interviews and other means, the oral health needs of a target group; i.e., the oral health status knowledge and attitudes towards oral health and oral treatment needs.
8. Prepare a program, which describes the target group and includes results and interpretations of a survey needs assessment.
9. Prepare a final report summarizing a community service learning experience in measurable terms.
10. Compare and contrast dental public health and private practice.
11. Explain the dental hygiene process of care used in a community setting.
12. Discuss epidemiology and how it relates to dental caries and periodontal disease, including agent, host and environmental factors.
13. Utilizing epidemiology, in conjunction with the statistical and research methods, compare specific defined populations.
14. Explain the demand for utilization of and barriers to dental services for different population groups.
15. Identify the various methods of financing dental care.
16. Discuss the impact of the fluoridation issue on society.

17. Evaluate and analyze dental literature.
18. Create a strategy and lesson plan for field visits to specific groups in the community.
19. Develop and implement a Community Service Learning activity.

Topics and Scope:

- A. Principles of dental public health
 1. Public health
 2. Core public health principles
 3. Historic highlights in dental public health
 4. Public health infrastructure
 5. Dental hygiene treatment
- B. Trends in dental public health
 1. Oral health disparities
 2. Access to care
 3. Financing of public health and oral health
 4. Factors affecting dental public health
 5. Dental healthcare workforce
 6. Cultural, economic, and diversity issues
- C. Employment opportunities in public health
 1. Federal/national
 2. State/county/local
 3. Education
 4. Research
 5. Industry/corporate
 6. Consultant/volunteer
- D. Program planning and evaluation
 1. Needs assessment/target population
 2. Planning the program
 3. Implementation
 4. Evaluation
 5. Summary
- E. Oral Epidemiology of dental diseases
 1. Multifactorial nature
 2. Oral epidemiology of oral diseases
 3. Oral epidemiology reports
- F. Research in dental hygiene
 1. Research and dental public health
 2. Types of research
 3. Research design
 4. Research methods
 5. Sampling techniques
 6. Informed consent with human subjects
 7. Literature review
- G. Biostatistics
 1. Categorizing data
 2. Descriptive statistics
 3. Graphing data
 4. Inferential statistics
 5. Interpretation of data
- H. Evaluation of dental products
 1. Regulation of dental products

2. Where to research dental products
3. Evaluation of advertisements
- I. Evaluation of literature
 1. Purpose
 2. Research design
 3. Sample selection
 4. Examiners
 5. Statistical significance
 6. Results
- J. Careers in dental public health
 1. U.S. Public Health Service
 2. U.S. Civil service
 3. National Health Service Corps.
 4. Veterans Affairs Hospital dental clinics
 5. Military bases
 6. Federal prisons
 7. International opportunities

Assignment:

1. Reading assignments (1 - 2 chapters per week)
2. Quizzes (4 - 8)
3. Exams (Midterm & Final)
4. Community Service Learning Project
5. Oral health education presentations (2)
6. Scientific literature review

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.

Scientific literature review; report on community service learning project; reports on oral health education projects

Writing
40 - 50%

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.

None

Skill Demonstrations
0 - 0%

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

Multiple choice, completion: midterm, final examination

Exams
30 - 40%

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

Oral presentations

Other Category
15 - 20%

Representative Textbooks and Materials:

Dental Public Health; Nathe; Prentice Hall, 2nd Ed., 2005

Supplementary texts:

Clinical Practice of the Dental Hygienist; Wilkins; Mosby, 10th Ed., 2008.

Jong's Community Dental Health; Gluck; Mosby, 4th Ed., 2002.

Principles of Dental Public Health; James Dunning; Harvard Press, 4th Ed., 1986. (classic)