

DH 81 Course Outline as of Fall 2014**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 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: 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 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

Student Learning Outcomes:

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

1. Recognize the role of the dental hygienist within a community setting as a health care provider, educator, and consultant, and to provide assistance to community groups and individuals seeking access to public dental services.
2. Describe the use of biostatistics in oral epidemiology in the development of community based dental programs.

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.
8. Design a program that includes results and interpretation of a needs-assessment survey for a target group.
9. Summarize 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.
20. Evaluate dental products.
21. Discuss dental research with respect to literature review, sampling techniques, design, methods, data acquisition and interpretation, guidelines and regulations.

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 in public health and private practice.

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.
7. Preventative measures.
8. Strategic planning.

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. Field visits.
2. Needs assessment/target population.
3. Planning the program.
4. Implementation.
5. Evaluation.
6. 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 and 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.

Oral presentations

Problem solving
15 - 20%

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, quizzes, midterm, final examination

Exams
30 - 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 Public Health: Nathe, Prentice Hall, 3rd Ed., 2010

Clinical Practice of the Dental Hygienist, Wilkins; Mosby, 11th Ed., 2012

Jong's Community Dental Health, Gluck, Mosby, 5th Ed., 2003 (classic)

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