



5055 Santa Teresa Blvd
Gilroy, CA 95023

Course Outline

COURSE: HE 5 **DIVISION:** 50 **ALSO LISTED AS:**

TERM EFFECTIVE: Summer 2025 **CURRICULUM APPROVAL DATE** 10/8/2024

SHORT TITLE: INTRO PUBLIC HEALTH

LONG TITLE: Introduction to Public Health

<u>Units</u>	<u>Number of Weeks</u>	<u>Type</u>	<u>Contact Hours/Week</u>	<u>Total Contact Hours</u>
3	18	Lecture:	3	54
		Lab:	0	0
		Other:	0	0
		Total:	3	54

Out of Class Hrs: 108.00

Total Learning Hrs: 162.00

COURSE DESCRIPTION:

This course is an introduction to the discipline of public health. It provides students with the basic concepts and terminologies of public health as well as an overview of the functions of various public health professions and institutions.

CREDIT STATUS: D - Credit - Degree Applicable

GRADING MODES

L - Standard Letter Grade

REPEATABILITY: N - Course may not be repeated

SCHEDULE TYPES:

02 - Lecture and/or discussion

05 - Hybrid

71 - Dist. Ed Internet Simultaneous

72 - Dist. Ed Internet Delayed

STUDENT LEARNING OUTCOMES:

By the end of this course, a student should:

1. Identify different public health disciplines, professions and organizations and explain how each contributes to the field of public health.
2. Analyze current public health issues and describe how they affect societal well-being among specific populations of age, sex, ethnicity, minority, education and socioeconomic status.

COURSE OBJECTIVES:

By the end of this course, a student should:

1. Define important foundational concepts in community/public health.
2. Distinguish the difference between personal and public health.
3. Describe the historical development of public health including the most important achievements of public health.
4. Distinguish how public health differs from the traditional Western medicine approach to treating disease and illness.
5. Demonstrate the use of basic epidemiological methods, such as the analysis of rates, and the definition of cases, population at risk, risk factors, incidence, prevalence, morbidity and mortality.
6. Outline strategies for prevention, detection and control of infectious and chronic disease.
7. Outline the process of community organizing, building and health promotion programming.
8. Describe the Dual Diagnosis/Co-Occurring Disorders approach to treating people who suffer from both an addiction & a psychiatric disorder.
9. Describe the interplay between health determinants, such as environmental conditions, social, behavioral and cultural factors, and biological considerations, and explain the role of each in determining local, national and global health organization and policy.
10. Identify common practices that contribute to intentional & unintentional injuries & public health policies that would reduce their occurrences.
11. Identify, assess and utilize credible information resources on current community health issues, such as the Internet, social media, media outlets, and libraries.
12. Discuss the principles of emergency planning and preparedness.
13. Identify and describe the various environmental issues in public health.
14. Describe the organization, financing and delivery of various medical and population-based services in the U.S. healthcare system.
15. Discuss the achievements and challenges to public health in the twenty-first century.

COURSE CONTENT:

Curriculum Approval Date 10/8/2024

6 Hours

Content: What is Public Health? Definition of Public Health.

- a) Distinction between personal and public health.
- b) History and accomplishments of public health officials and agencies.
- c) Core functions of public health professions and institutions.

9 Hours

Content: Analytical Methods of Public Health

- a) Epidemiology: the basic science of public health.
- b) Principles, methods and limitations.
- c) Statistics: making sense of uncertainty.
- d) The role of data in public health.

9 Hours

Content: The Biomedical Basis of Public Health

- a) The conquest of infectious disease.
- b) New infectious disease.
- c) Chronic disease.
- d) Genetic disease.

3 Hours

Content: Community Organizing and Health Promotion Programming

- a) Assessing needs
- b) Setting goals & objectives
- c) Developing interventions
- d) Implementing interventions
- e) Evaluating results

COURSE CONTENT(CONTINUED):

9 Hours

Content: Social and Behavioral Factors in Public Health

- a) Health inequities among ethnic and minority groups.
- b) Education and socioeconomic status and health.
- c) Community concerns
 - i. Dual diagnosis/co-occurring disorders
 - ii. Addiction
 - iii. Mental disorders
 - iv. Obesity
 - v. violence
- d) Maternal, infant and child, adolescent, adulthood and elder health.

9 Hours

Content: Environmental Issues in Public Health

- a) Clean air.
- b) Clean water.
- c) Garbage.
- d) Food and drug safety.
- e) Population control.
- f) Injury prevention.
 - i. workplace safety - Occupational Safety & Health Association (OSHA) regulations
 - ii. intentional injuries
 - iii. unintentional injuries
- g) Emergency preparedness.

3 Hours

Content: Medical Care and Public Health

- a) Conflicts
- b) licensing & regulation
- c) ethical & legal issues
- d) ethical issues in medical resource allocation

4 Hours

Content: The Future of Public Health

- a) reform
- b) access
- c) costs
- d) strategic planning for public health

2 Hours

Final Exam.

METHODS OF INSTRUCTION:

lecture, small group discussion, AV material, guest speaker

OUT OF CLASS ASSIGNMENTS:

Required Outside Hours 36

Assignment Description

Read textbook and study for exams and quizzes.

Required Outside Hours 36

Assignment Description

Complete written homework assignments.

Required Outside Hours 36

Assignment Description

Complete class project(s).

METHODS OF EVALUATION:

Writing assignments

Evaluation Percent 40

Evaluation Description

Project and written assignments

Problem-solving assignments

Evaluation Percent 30

Evaluation Description

Written Homework and discussions

Objective examinations

Evaluation Percent 30

Evaluation Description

Exams, Quizzes

REPRESENTATIVE TEXTBOOKS:

Introduction to Public Health, Schneider, Mary-Jane, Jones & Bartlett Learning, 2021 or a comparable textbook/material.

ISBN: 9781284197594

13 Grade Verified by: Publisher

ARTICULATION and CERTIFICATE INFORMATION

Associate Degree:

CSU GE:

IGETC:

CSU TRANSFER:

Transferable CSU, effective 2019/70

Not Transferable

UC TRANSFER:

Not Transferable

Not Transferable

SUPPLEMENTAL DATA:

Basic Skills: N

Classification: Y

Noncredit Category: Y

Cooperative Education: N

Program Status: 1 Program Applicable

Special Class Status: N

CAN: PHS1

CAN Sequence:

CSU Crosswalk Course Department: HESC

CSU Crosswalk Course Number: 201

Prior to College Level: Y

Non Credit Enhanced Funding: N

Funding Agency Code: Y

In-Service: N

Occupational Course: E

Maximum Hours:

Minimum Hours:

Course Control Number: CCC000605260

Sports/Physical Education Course: N

Taxonomy of Program: 083700