

**HLC 52 Course Outline as of Fall 2018****CATALOG INFORMATION**

Dept and Nbr: HLC 52 Title: INTRO PUBLIC HEALTH

Full Title: Introduction to Public Health

Last Reviewed: 12/12/2023

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	3.00	17.5	Lecture Scheduled	52.50
Minimum	3.00	Lab Scheduled	0	6	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	3.00		Contact Total	52.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 105.00

Total Student Learning Hours: 157.50

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:

**Catalog Description:**

The course provides an introduction to the discipline of Public Health. Students will gain an understanding of the basic concepts of public health, the history and accomplishments of public health officials and agencies. An overview of the functions of various public health professions, institutions, and an in-depth examination of the core public health disciplines is covered. Topics of the discipline include the epidemiology of infectious and chronic diseases, prevention and control of diseases in the community, analysis of the social determinants of health and strategies for eliminating disease, illness and health disparities among various populations; community organizing and health promotion programming; environmental health and safety; global health; and healthcare policies.

**Prerequisites/Corequisites:****Recommended Preparation:**

Eligibility for ENGL 1A or equivalent; and Course Completion or Concurrent Enrollment in HLE 5

**Limits on Enrollment:**

### **Schedule of Classes Information:**

Description: The course provides an introduction to the discipline of Public Health. Students will gain an understanding of the basic concepts of public health, the history and accomplishments of public health officials and agencies. An overview of the functions of various public health professions, institutions, and an in-depth examination of the core public health disciplines is covered. Topics of the discipline include the epidemiology of infectious and chronic diseases, prevention and control of diseases in the community, analysis of the social determinants of health and strategies for eliminating disease, illness and health disparities among various populations; community organizing and health promotion programming; environmental health and safety; global health; and healthcare policies. (Grade Only)

Prerequisites/Corequisites:

Recommended: Eligibility for ENGL 1A or equivalent; and Course Completion or Concurrent Enrollment in HLE 5

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 2018	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. Demonstrate accurate analysis of state wide epidemiological reports on chronic and infectious diseases in California.
2. Critique aspects of lifestyle changes that can prevent or reduce the prevalence of chronic and infectious diseases.
3. Analyze how models of lifestyle behavior change can be incorporated in individuals and in the community.

#### **Objectives:**

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

1. Define important foundational concepts in community / public health.
2. Identify different public health disciplines, professions and organizations, and explain how each contributes to the field of public health.
3. Describe the historical development of public health including the most important achievements of public health.

4. Distinguish the difference between personal and public health.
5. Distinguish how public health differs from the traditional Western medicine approach to treating disease and illness.
6. 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.
7. Outline strategies for prevention, detection and control of infectious and chronic diseases.
8. Outline the process of community organizing, building and health promotion programming.
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. 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.
11. Describe the organization, financing and delivery of various medical and population-based services in the U.S. healthcare system.
12. Identify, assess and utilize credible information resources on community health current issues, such as the internet, social media, media outlets, and libraries.

### **Topics and Scope:**

- I. 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
- II. Analytical Methods of Public Health
  - A. Epidemiology: the basic science of public health
  - B. Principles, methods and limitations
  - C. Statistics: making sense of uncertainty
- III. The Biomedical Basis of Public Health
  - A. The conquest of infectious disease
  - B. New infectious disease
  - C. Chronic disease
  - D. Genetic disease
- IV. Community Organizing and Health Promotion Programming
- V. Social and Behavioral Factors in Public Health
  - A. Health among ethnic and minority groups
  - B. Education and socioeconomic status and health
  - C. Community concerns: including, but not limited to addiction, obesity, and violence
  - D. Maternal, infant and child, adolescent, adulthood and elder health
- VI. Environmental Issues in Public Health
  - A. Clean air
  - B. Clean water
  - C. Garbage
  - D. Food and drug safety
  - E. Population control
  - F. Injury prevention
  - G. Emergency Preparedness
- VII. Medical Care and Public Health

### **Assignment:**

1. Two to three written assignments, including a 5-6 page health research paper and a 2-3 page analysis of available information via various public media sources
2. Panel discussion on a public health issue
3. Quizzes (5 - 7)
4. One midterm and one 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.

Written assignments including a health research paper and analysis of available information via various public media sources

Writing  
35 - 55%

**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.

Quizzes, midterm and final

Exams  
35 - 50%

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

Panel discussion

Other Category  
10 - 15%

### Representative Textbooks and Materials:

Introduction to Public Health. 5th ed. Schneider, Mary-Jane. Jones & Bartlett Learning. 2016