

COURSE OUTLINE

PUBLIC HEALTH CONSEQUENCES
OF DISASTERS
Course Title

CPH 162
Dept. & Course No.

I. COURSE DESCRIPTION:

This course focuses on selected aspects of specific types of hazards: natural, technological, biological, etc. The most frequent manifestations, or phenomenology, of each hazard, the primary consequences, such as morbidity, disability and mortality, are also addressed. The Course emphasizes the role of Public Health systems in the preparedness and response to those hazards.

II. SEMESTER CREDITS: 3

III. CONTACT HOURS PERWEEK: Lecture: 3 Lab: 0 Total: 3

IV. PREREQUISITE: None

V. STUDENT LEARNING OUTCOMES: VI. COURSE CONTENTS:

Upon completion of this course the student will be able, with 65% level of accuracy, to:

1. List the three general classifications of disasters.
 - A. General classifications of disasters
 1. Time-based classification
 2. Hazard-based classification
 3. Response-based classification
 - B. Main PH consequences of specific disasters
 1. Morbidity
 2. Disability
 3. Mortality
 - C. Factors determining vulnerability
 1. Age and gender
 2. Socio-economic and education status
 3. Pre-existing medical conditions
 4. Proximity to event
 - D. PH options and tasks
 1. Early warning
 2. Evacuation and sheltering
 3. Community education
 4. Legislation and policy setting
 5. Disaster planning and exercises
 6. Land use management
2. Describe and illustrate the main Public Health (PH) consequences of specific types of disasters
3. Describe and illustrate factors relevant to the disaster vulnerability of populations and/or individuals
4. Describe and illustrate the Public Health options and tasks in the prevention and control of various disaster events

VII. EQUIPMENT AND MATERIALS:

1. Projector
2. Routine classroom materials
3. 1 USB storage device (at least 1 GB)—student-furnished

VIII. TEXT:

Required Text: CDC-developed student manual

IX. METHODS OF INSTRUCTION:

1. Lecture
2. Group work on practical classroom exercises
3. Questions and Answers (Discussion) and/or Guest Speakers

X. METHOD OF EVALUATION:

1. Description	Points
a. Class participation and assignments	25%
b. Tests/Quizzes	25%
c. Mid-term Exam	25%
d. Final Exam	<u>25%</u>
Total	100%
2. Transmutation of percent to letter grade	
a. 90-100	A
b. 80-89	B
c. 70-79	C
d. 65-69	D
e. 0-64	F

Palau Community College
CPH 162 Public Health Consequences of Disasters
Course Learning Outcomes

During the course experience, the *course learning outcomes* (CLOs) will be assessed through the use of signature assignments. A rating scale will be used to determine the students' proficiency level of each CLO using specifically aligned assignments. The numerical ratings of 4, 3, 2 and 1 are not intended to represent the traditional school grading system of A, B, C, D and F. The descriptions associated with each of the numbers focus on the level of student performance for each of the course learning outcomes listed below.

Rating Scale: 4. Exceeds Expectations 2. Developing
 3. Meets Expectations 1. Below Expectations

CLO#1: Students will be able to define and describe the general classifications of disasters

4	Perform all of the following tasks accurately and completely: <ul style="list-style-type: none"> • Define and describe Time-based classification • Define and describe Hazard-based classification • Define and describe Response-based classification
3	Perform the tasks mentioned above with mixed quality, but most are adequate and complete.
2	Perform the tasks mentioned above with mixed quality, but most are inadequate or incomplete.
1	Unable to perform the tasks mentioned above.

CLO#2: Students will be able to describe the main Public Health consequences of disasters including populations and individuals vulnerability.

4	Perform all of the following tasks accurately and completely: <ul style="list-style-type: none"> • Describe and explain the main PH consequences of specific disasters: <ul style="list-style-type: none"> - Morbidity, -Disability, -Mortality • Explain disaster vulnerability of populations and/or individuals covering: <ul style="list-style-type: none"> -Age and gender -Socio-economic and education status -Pre-existing medical conditions -Proximity to event
3	Perform the tasks mentioned above with mixed quality, but most are adequate and complete.
2	Perform the tasks mentioned above with mixed quality, but most are inadequate or incomplete.
1	Unable to perform the tasks mentioned above.

CLO#3: Students will be able to describe the Public Health options for the prevention, control and mitigation of disasters.

4	Perform all of the following tasks accurately and completely: Describe and explain each one: <ul style="list-style-type: none"> <li style="width: 50%;">- Early Warning <li style="width: 50%;">- Legislation and policy setting <li style="width: 50%;">- Evacuation and sheltering <li style="width: 50%;">- Disaster planning and exercises <li style="width: 50%;">- Community education <li style="width: 50%;">- Land use management
3	Perform the tasks mentioned above with mixed quality, but most are adequate and complete.
2	Perform the tasks mentioned above with mixed quality, but most are inadequate or incomplete.
1	Unable to perform the tasks mentioned above.