

COURSE OUTLINE

NON COMMUNICABLE DISEASES - 2

Course Title

CPH 245

Dept. & Course No.

I. COURSE DESCRIPTION:

This course addresses some of the Non-Communicable Diseases [NCDs] affecting man. Specifically it focuses on: diabetes and asthma/chronic respiratory disease. Details about risk factors, susceptibility, diagnosis, treatment and prognosis are offered for each of the named conditions.

II. SEMESTER CREDITS: 2

III. CONTACT HOURS PERWEEK: Lecture: 2 Lab: 0 Total: 2

IV. PREREQUISITE: CPH 131

V. STUDENT LEARNING OUTCOMES: VI. COURSE CONTENTS:

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

1. Define diabetes and describe the main characteristics of diabetes in man.
 2. Describe signs, symptoms, prevention and treatment of diabetes.
 3. Describe the definitions and main characteristics of chronic respiratory disease (CRD).
 4. Describe the risk factors, their avoidance and prevention of CRD in general.
- A. Diabetes defined and categorized:
 1. Types of diabetes
 2. Most frequent risk factors
 3. Diabetes manifestation and evolution
 - B. Symptoms, prevention and treatment
 1. General signs and symptoms
 2. Diabetes prevention means
 3. Treatment as feasible
 - C. Coronary heart disease (CRD) defined and categorized
 1. Manifestations of CRD
 2. Symptoms of CRD
 3. Immediate intervention required in CRD with obstruction
 - D. CRD risk factors and prevention
 1. Main risk factors
 2. Their possible avoidance
 3. Role of the Health Services in CRD prevention

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: Instructor-made handout

IX. METHODS OF INSTRUCTION:

1. Problem – Based Learning [PBL]
2. Group work with tutor guidance
3. Self-learning from identified resources
4. Group reporting and consolidation of outcomes
5. Questions and Answers (Discussion)

X. METHOD OF EVALUATION:

1. Description	Points
a. Class participation & presentations	50%
b. Unit Tests/Quizzes	<u>50%</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 245 Non Communicable Diseases-2
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
 3. Meets Expectations
 2. Developing
 1. Below Expectations

CLO#1: Students will be able to define diabetes and describe the main characteristics of diabetes in man.

4	Perform all of the following tasks accurately and completely: <ul style="list-style-type: none"> • Define diabetes and its recognized types • Describe the more common consequences of diabetes in man • Describe the most frequent risk factors of diabetes • Explain the evolution of untreated diabetes
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 signs, symptoms, prevention and treatment of diabetes.

4	Perform all of the following tasks accurately and completely: <ul style="list-style-type: none"> • Describe the most common signs and symptoms of diabetes • Explain the role of early detection in the management of diabetes • Describe possible treatments and interventions for diabetes control • Explain the relevance of personal life-style adjustments in diabetes 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.

CLO#3: Students will be able to define and describe the definitions and main characteristics of chronic respiratory disease (CRD).

4	Perform all of the following tasks accurately and completely <ul style="list-style-type: none"> • Define CRD among the respiratory tract diseases • Describe the most common manifestations of CRD • Describe the most common symptoms of CRD • Explain the relevance of prompt supportive actions in obstructive CRD
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#4: Students will be able to describe the risk factors, their avoidance and prevention of CRD in general.

4	Perform all of the following tasks accurately and completely <ul style="list-style-type: none"> • Describe the more common risk factors underlying CRD • Explain feasibility and acceptance of risk factors avoidance • Describe prevention pathways suitable for CRD • Describe the role of the Health Services in CRD prevention and control
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.