

COURSE DESCRIPTION

This course presents an introduction and overview of public health and epidemiology, including the distribution and correlates of illness in the population and current efforts to prevent and control risk factors that contribute to morbidity and mortality, including instruction in the practices of disease prevention, communicable disease and public health alerts. Additional topics include public health issues that face the primary care provider including TCM practitioners

LEARNING OBJECTIVES

By the end of this course, the student will be able to:

- Identify the basic principles of public health
- Describe social and behavioral determinants of health and understand how health outcomes are measured
- Provide examples of current public health issues and concerns
- Differentiate between public health and medicine and how the two disciplines can work together
- Select and apply appropriate theories to public health and TCM practice
- Describe how public health principles can affect TCM practice
- Incorporate health communication skills to promote education and principles of TCM practice

COURSE PREREQUISITES

REQUIRED TEXTS

Control of Communicable Diseases Manual, David L. Heymann, 20th Edition.

RECOMMENDED TEXTS

READING: Students are to be familiar with 2 primary websites for the APHA and CDC:

apha.org
cdc.gov

Journal articles are to be provided in class by instructor

COURSE REQUIREMENTS

Out-of-Class Work

To successfully complete the program, students need to plan studying a minimum of 2 hours out-of-class for each academic in-class hour; and half an hour out-of-class for each hour of clinical training.

MANDATORY FIRST CLASS ATTENDANCE

MID-TERM EXAM - 40%

FINAL EXAM - Written - 60%

It is the student's responsibility to obtain course materials or handouts for any missed classes.

GRADING SCALE: 100-90% A, 89-80% B, 79-70% C, 69% and below F

SPECIAL NOTES

Professionalism and Full and Prompt Attendance: To pass any course (separate from academic performance) all students must meet requirements for professionalism in coursework. Professionalism includes full and prompt attendance: students who miss more than 2 class meetings in a 10-week course will earn an F in that course. Additionally, students who arrive more than 15 minutes to class or leave class before it ends will be given ½ absence towards attendance. NOTE: Students who leave and return to class late from a break or leave during the class (especially if this is repeated) or who disrupt the class in other ways may earn an F in that class and/or be referred to the Academic Dean for professionalism.

CLASS ONE (The syllabus is subject to change at the discretion of the instructor.)

COURSE INTRODUCTION

- **Defining Public Health**
- **The Origins of Public Health**
- **Understanding the evolution of the American Public Health Association (APHA)**
- **Public Health at the County and State Level**
- **Introduction to the DC**

CLASS TWO

- **Communicable Diseases (Part 1)**
- **Maternal Health & Child Health**

CLASS THREE

- **Environmental Health**
- **Climate and Health**
- **Air Quality**
- **Food Safety**
- **Water Supplies, Safety & Quality**

CLASS FOUR

- **Communicable Diseases (Part 2)**
- **The Food Chain**
- **Food-borne Illness**

CLASS FIVE

MIDTERM EXAMINATION

CLASS SIX

- **Population and Mass Migrations**
- **Public Health concerns unique to refugee camps & crowded facilities**
- **Exploring the world of vaccines and vaccine policy strategies**

CLASS SEVEN

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- **Mental Health**
 - **Housing**
 - **Homelessness**
 - **Mental Health intersection within all areas of Public Health**

CLASS EIGHT

- **Chronic Diseases - to include obesity, diabetes, heart disease, addiction, the opioid crisis, tobacco abuse and vaping pulmonary injuries**
- **Epidemiology - how this changed from the "shoe leather" approach**
- **Data Collection, Statistics, Computer Software**

CLASS NINE

- **Policy Making**
- **Travelers' Health**
- **Reportable Diseases - Who is required to report**
- **Integration of TCM/OM education, principles and practices into current Public Health organizations**

CLASS TEN

FINAL EXAMINATION

CLASS ELEVEN

REFERENCE MATERIAL

FACULTY INFO

Adler, Jacqueline
Please check with instructor during class to get updated contact info.

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