

#### 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

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#### 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 & education and promotion principles in TCM practice

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#### COURSE PREREQUISITIES

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#### REQUIRED TEXTS

Dr. Thornton's Lecture Notes. Assigned readings for this course will be provided by the instructor the first week of class. Some readings may be listed as "Recommended" to provide you with further information and references.

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#### RECOMMENDED TEXTS

*Public Health 101, Healthy People, Healthy Populations* - Rigelman, Jones & Bartlett Learning

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#### 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.

Midterm Exam - 50%

Final Exam - 50%

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

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#### 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.

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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.

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

**COURSE INTRODUCTION**

- **What is Public Health? The American Public Health Association (APHA)**
- **CAM/TCM and Public Health: The Integrative, Complementary and Traditional Health Practices Section**
- **The US Public Health Service**
- **A Brief History of Humanity's Hygiene**

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CLASS TWO

Social and Behavioral Determinants of Health

- **Diseases of poor sanitation, hygiene, malnutrition and overcrowded conditions**
- **Prevention of diseases in Public Health**
- **History of vaccination and contemporary controversies of vaccines**
- **Dr. John Snow, Cholera and the Broad Street Pump**

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CLASS THREE

Food-Borne Germs & Illness

- **Symptoms of food poisoning**
- **Top food-borne germs**
- **Diagnosing and management of food-borne illness**
- **Tracking sources of food-borne illness**

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CLASS FOUR

Food-Borne Illness Continued

- **Restaurant Inspections**
- **Reporting system**
- **Rapid vs. delayed onset of food-borne illness**

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CLASS FIVE

**Midterm Examination**

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CLASS SIX

**Communicable/Contagious Diseases**  
**Health Education**

Course Code **WS430**  
2 Units  
20 Hours

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*Adler, Jacqueline*  
Fall 2018

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CLASS SEVEN  
**Infectious Diseases**  
**Lyme Disease**

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CLASS EIGHT  
**Opiod Abuse - Public Health Crisis**  
**Epidemiology**

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CLASS NINE  
**Reportable/Notifiable Diseases**  
**Public Health Alerts**  
**TCM Practitioner's role to notify the Health Department of Reportable Diseases**  
**Media & Public Health**  
**Primary Care & Public Health Integration**

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CLASS TEN  
**Final Examination**

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CLASS ELEVEN

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REFERENCE MATERIAL

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FACULTY INFO

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