HLTH 2925: People of the Environment: A Health Perspective

A. COURSE DESCRIPTION

Credits: 3
Lecture Hours/Week: 0
Lab Hours/Week: 0
OJT Hours/Week: *.*
Prerequisites: None
Corequisites: None
MnTC Goals: Goal 10 - People/Environment

This course builds upon the principles discussed in the large group, focusing greater attention on health issues related to the environment, including the food supply, water quality, air quality, and other environmental health risks. These are discussed in the context of common diseases such as cancers, asthma, communicable diseases, and other health problems associated with the environment. [Core Curriculum Goal Area 10]

B. COURSE EFFECTIVE DATES: 08/27/2018 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Introduction: U.S. & World Population & Planet Health
2. Urban Design: Walkability/Bikeability Study/Site Visit
4. Food and Air Quality, Protection and Safety
5. On the Horizon: Technology and Health
6. The Environment and Chronic Disease; Built Environment and Health
7. Vectors and Disease Transfer-Government
8. Walkability, Community/Urban Design and Health

D. LEARNING OUTCOMES (General)

1. explore community action programs that are making strides to improve the environment, especially as it relates to promoting physical activity as well as air and water quality and the food supply.
2. understand chronic and communicable diseases that are related to the quality of air, soil, water and food supply.
3. analyze a health problem related to the environment from an individual, institution and social perspective.
4. understand and be able to identify and defend choices an individual can make to improve air quality, water quality and food safety from an environmental perspective.
5. understand the agencies and their roles in air quality, pesticide use, wastewater treatment, well certification and food safety.
E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

Goal 10 - People/Environment

1. Explain the basic structure and function of various natural ecosystems and of human adaptive strategies within those systems.
2. Describe the basic institutional arrangements (social, legal, political, economic, religious) that are evolving to deal with environmental and natural resource challenges.
3. Evaluate critically environmental and natural resource issues in light of understandings about interrelationships, ecosystems, and institutions.
4. Propose and assess alternative solutions to environmental problems.

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted