

# North Hennepin Community College

## HLTH 2080: Environmental Health

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

The purpose of this class is to inform the student about the key areas of environmental health and instill awareness about the crucial role of the environment in the health of the planet and all living organisms. It is designed to promote awareness of the environmental influences on health.

**B. COURSE EFFECTIVE DATES:** 08/21/2017 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. The Environment at Risk
  - Careers in Environmental Health
  - The Environment and Human Health Problems
  - Ecosystems: What are they?
  - Human Population Concerns
  - Food Safety
  - Water Pollution and Human Impact
  - Air Pollution and Human Impact
  - Environmental Hazards and Human Health
  - Solid and Hazardous Waste Health Issues
  - Unintentional Injuries and Death

### D. LEARNING OUTCOMES (General)

1. Describe how environmental health problems influence our health (NHCC ELO 1, 2, 3)
2. Analyze the relationship between human reproduction, population growth and the environment. (NHCC ELO 1, 2,3)
3. Discuss the relationship between environmental issues and disease. ( NHCC ELO 1, 2, 3).
4. Describe environmental problems and concerns related to food. (NHCC ELO 1, 3, 4)
5. Describe the major sources and health effects of air pollution. (NHCC ELO 1, 3, 4)
6. Discuss the procedures for sewage and solid waste disposal and potential health problems.(NHCC ELO 1, 2, 3, 4)
7. Recognize hazardous substances that may be found in drinking water. (NHCC ELO 1, 2, 3, 4)
8. Understand the impact of foodborne illnesses for the world's population. NHCC ELO 1, 4)
9. Discuss the laws, policies, and practices that protect public health and the environment. (NHCC ELO 1,2,3,4)
10. Describe approaches to environmental health regulations and compliance. (NHCC ELO 1,3,4)
11. Discuss the role of health data and epidemiology in environmental health. (NHCC ELO 1,2, 3,4)

### E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

## **F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

## **G. SPECIAL INFORMATION**

1. Knowledge of Human Cultures and the Physical and Natural World-Through study in the sciences, mathematics, social sciences, humanities, histories, languages, the arts, technology and professions.
2. Intellectual and Practical Skills-Including: Inquiry and analysis; Critical and creative thinking; Written and oral communication; Quantitative literacy; Information literacy; Teamwork and problem solving.
3. Personal and Social Responsibility and Engagement-Including: Civic knowledge and involvement; campus, local and global; Intercultural knowledge and competence; Ethical reasoning and action; Foundations and skills for lifelong learning.
4. Integrative and Applied Learning-Including: Synthesis and advanced accomplishment across general education, liberal studies, specialized studies and activities in the broader campus community.