A. COURSE DESCRIPTION

Credits: 3
Lecture Hours/Week: *.*
Lab Hours/Week: *.*
OJT Hours/Week: *.*
Prerequisites: None
Corequisites: None

MnTC Goals: Goal 10 - People/Environment

This course is a section of the interdisciplinary environmental issues course, People of the Environment. The focus of this course is to explore the scientific aspects of global pollution, including causes, effects, and solutions. Liberal Education Goal Area 10.

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

C. OUTLINE OF MAJOR CONTENT AREAS

1. Adam Smith
2. Common property resource
3. Environmental economics and organizations
4. Equity
5. Externalities
6. Neoclassical economics
7. Public goods
8. Social change: consensus of cultural critical mass
9. Supply and demand
10. Sustainability
11. Tragedy of the commons
12. Utilitarianism

D. LEARNING OUTCOMES (General)

1. integrate concepts and perspectives from environmental science and social science.
2. gain an understanding of environmental problems and solutions.
3. heighten awareness of environmental challenges and the interconnectedness of human and natural systems in confronting these challenges.
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. Discern patterns and interrelationships of bio-physical and socio-cultural systems.
3. Describe the basic institutional arrangements (social, legal, political, economic, religious) that are evolving to deal with environmental and natural resource challenges.
4. Evaluate critically environmental and natural resource issues in light of understandings about interrelationships, ecosystems, and institutions.
5. Propose and assess alternative solutions to environmental problems.
6. Articulate and defend the actions they would take on various environmental issues.

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted