A. COURSE DESCRIPTION

Credits: 3
Lecture Hours/Week: 0
Lab Hours/Week: 0
OJT Hours/Week: *
Prerequisites: None
Corequisites: None
MnTC Goals: None

This course will survey the philosophical, historical, and ecological basis for environmental education within the context of K-12 educational institutions. Environmental issues of a local, state, federal, and global nature will be investigated. The role of pedagogy as a basis for changing societal attitudes relative to environment will be explored.

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

C. OUTLINE OF MAJOR CONTENT AREAS

1. Air pollution, climate change and ozone depletion
2. Biodiversity and evolution
3. Community and population
4. Ecology and human population
5. Economics and worldviews
6. Environmental hazards and human health
7. Food, soil and pest management
8. Non-renewable energy
9. Renewable energy
10. Science, matter and energy
11. Sustaining biodiversity: the ecosystem approach
12. Sustaining biodiversity: the species approach
13. Urbanization and solid and hazardous waste
14. Water resources and pollution

D. LEARNING OUTCOMES (General)

1. identify related causes, implications, and principles of environmental issues.
2. better be able to problem-solve environmental issues.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus
G. SPECIAL INFORMATION

None noted