

# Bemidji State University

## TADD 2925: People of the Environment: Technology, Art, and Design Perspective

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: \*.\*

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: Goal 10 - People/Environment

Discussion and evaluation of current environmental topics related to technology, art, and design. Liberal Education Goal Area 10.

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

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Biomimicry
2. Consumer responsibility
3. Cradle-to-cradle
4. DIY
5. Design-to-production cycle
6. Designing a sustainable world
7. Energy sources
8. Green consumerism
9. Ideas and inventions immerging today
10. Landscape design
11. Leapfrogging
12. Limitations of technology
13. Material choices
14. Minimization of resources
15. Preserving biodiversity
16. Tiny homes

### D. LEARNING OUTCOMES (General)

1. articulate and defend the actions they would take on various environmental issues.
2. describe the basic institutional arrangements (social, legal, political, economic, religious) that are evolving to deal with environmental and natural resource challenges.
3. discern patterns and interrelationships of bio-physical and socio-cultural systems.
4. evaluate critically environmental and natural resource issues in light of understandings about interrelationships, ecosystems, and institutions.
5. explain the basic structure and function of various natural ecosystems and of human adaptive strategies within those systems.
6. propose and assess alternative solutions to environmental problems.

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

Goal 10 - People/Environment

1. No Competencies Indicated

**F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

**G. SPECIAL INFORMATION**

None noted