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. [**Core Curriculum 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 immersing 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