

Western Dakota Technical Institute
800 Mickelson Drive
Rapid City, SD 57703-4018
Master Syllabus

Course Number: EET 102
Course Name: Introduction to Environmental Sciences
Credits: 4
Contact Hours: 4 lecture

Course Description: This course is a study of environmental interactions, including population and cultural problems, resource utilization, and impacts upon biotic systems. Material is presented to enable students to better understand and evaluate contemporary environmental problems and the application of science to their solutions.

Prerequisites: None

Textbook: <http://bookstore.wdt.edu>

Materials: Notebook, pencil and/or pen, and laptop computer with wireless connection

Student Learning Outcomes:

- Evaluate basic principles associated with study of environmental science
- Explain the impacts of pollution (air, water, and soil) on our environment
- Consider potential alternatives to current technology and procedures
- Describe the major ecosystems of the Earth and the factors that control growth and regulation of populations within these ecosystems
- Explain why environmental problems are complex and why their solutions must include consideration of social, ethical, political, and economic issues

Assessment: Analytical skills, life skills, technology skills, teamwork techniques, social values, employability, and communication skills will be assessed throughout this course.

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