NORTHWEST FLORIDA STATE COLLEGE

EVR1001C Course Syllabus

Course Name: Environmental Science
Course Number: EVR1001C
Section: 10483
Credit Hours: 4
Instructor Name: Charles Trotman
Instructor Email: trotmanc@nwfsc.edu

Course Curriculum

This course is a survey of basic chemical, biological, and physical principles of environmental science and their applications to environmental issues. This course is appropriate for students in a wide range of disciplines or programs.

Goals

Students will develop an understanding of the applications of the scientific method.
Students will develop an understanding of the functioning of the natural world.
Students will develop an appreciation of how natural ecosystems were formed and developed.
Students will appreciate the importance of biodiversity for the equilibrium of the ecosystems and for human well-being.
Students will develop an understanding of how human actions impact ecosystems.
Students will recognize and understand the importance of lifestyle changes to create a more sustainable world.

Objectives

Student Learning Outcomes:

- *Students will apply critical thinking to analysis and interpretation of environmental Information and model output.*
- *Students will apply the scientific method to explain natural experiences and phenomena.*
- *Students will explain the basic chemical, biological, and physical principles of Environmental science.*
- *Students will use empirical evidence to describe the historical and modern context of environmental problems and their solutions.*

Student Expectations of the Course

Active participation in this course is expected. There are hands on activities that require the student to explore outside areas, take pictures, analyze data, and develop hypotheses. There are lab reports that require the student to write several paragraphs and develop a proposal. The instructor will be available outside of class to answer questions and offer guidance to students.

How Student Performance Will be Measured

Student performance will be measured by completing chapter assignments, lab activities, videos, discussions, and a final project.