

**Alternative Education Center  
ACE  
Environmental Systems B**

**INSTRUCTOR: Sally McClure**

**EMAIL: mcclsa@mansfieldisd.org**

**CONFERENCE PERIOD: 1:33pm – 2:45pm**

**OFFICE PHONE: 817-473-5796**

**COURSE DESCRIPTION:** This course is designed to introduce students to major ecological concepts and the environmental problems that affect the world in which they live. Students will learn about technological developments, which have created environmental problems, as well as technology that is helping to solve them. This program provides one way in which students can become more aware of the interaction of people and their environment. Laboratory and fieldwork will be afforded to enhance learning.

**COURSE OUTLINE:**

1. People and Their Needs
2. Human Population
3. Feeding the World
4. Organic Fuels
5. Nuclear Energy
6. Solar and Alternative Energy
7. Land Pollution
8. Water Pollution
9. Air and Noise Pollution
10. Habitat Destruction
11. Protecting the Environment

**COURSE GRADE:**

Daily Grade:	16%
Lab Grade:	24%
Test Grade:	40%
Final Exam:	20%

**MATERIALS:**

Biology Textbook  
Plato Learning Systems (Server-based)  
A+ Learning Systems (Server-based)  
Videos  
Laboratory Equipment and Supplies

**CLASSROOM RULES:**

1. Respect yourself and others.
2. Bring something to write with everyday.
3. Work hard everyday.
4. Obey all computer rules.