

**Alternative Education Center
ACE
Environmental Systems A**

INSTRUCTOR: Sally McClure

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CONFERENCE PERIOD: 1:33pm – 2:45pm

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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. Laboratory Safety and Equipment
2. Planet Earth
3. Scientific Method
4. Change in the Biosphere
5. Matter and Energy in the Ecosystem
6. Interactions in the Ecosystem
7. Ecosystem Balance
8. Desert and Tundra
9. Grassland Biomes
10. Forest Biomes
11. Freshwater Biomes
12. The Marine Biome

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.