

Environmental Systems Syllabus

Instructor Information

Instructor: Lane Bishop

Email: lbishop@burnetcisd.net

Office Hours: Monday through Friday, during advisory or Conference. After school 3:40

PM-4:30 PM

Course Overview

Environmental Systems is a study of the interrelationships between the natural world and human societies. This course will cover a variety of topics, including ecosystems, biodiversity, natural resources, and the impact of human activities on the environment.

Through hands-on activities, projects, and research, students will develop an understanding of environmental issues and the importance of sustainability.

Expectations

-Be Accountable

Attend all classes and arrive on time.

Complete and submit all assignments on time.

Take responsibility for your learning and actions.

-Give Effort

Participate actively in class discussions and activities.

Put forth your best effort in all assignments and projects.

Seek help when needed and strive for continuous improvement.

-Be Exceptional

Strive for excellence in your work and behavior.

Challenge yourself to go above and beyond basic requirements.

Demonstrate integrity, respect, and responsibility at all times.

Course Outline

Unit	# of Days	Dates
1. Introduction to Environmental Science	13	8/17-9/2
2. Population Ecology	9	9/3-9/17
3. Community Ecology	10	9/18-10/2
4. Terrestrial Biomes & Aquatic Ecosystems	9	10/5-10/16
5. Biodiversity	13	10/19-11/6
6. Human Population	8	11/9-11/18
7. The Atmosphere & Air Pollution	12	11/19-12/11
8. Climate Change	12	1/5-1/22
9. Sustainable Forestry	9	1/25-2/5
10. Agriculture & Soil	13	2/8-2/26
11. Geosphere, Minerals, & Mining	9	3/1-3/11
12. Non-Renewable Energy	7	3/12-3/31
13. Renewable Energy	13	4/1-4/16
14. Water & Water Pollution	13	4/19-5/7
15. Waste Management	9	5/10-5/14
16. Urbanization & Sustainable Cities	12	Dispersed

Grading Policy

Minor Grades - 50%

Major Grades - 50%

If your assignment is submitted late, you may still receive full credit up to 7 days

late(unexcused absence), at which point you will receive a zero. If you do not submit any

assignment on time, a zero will be used as a placeholder until either the assignment is turned in or it has surpassed the late work policy of my classroom.

Academic Honesty: Cheating/plagiarism will result in a zero on a minor grade with no option to redo the assignment. Major grades will result in a zero, with the opportunity to make up the grade up to 60%. If you cheat more than once on a major grade, you will lose the chance to make up the major grade. Parents will be notified if any cheating has taken place.

Required Materials

Notebook and writing materials

Marker or colored pencils

Scratch paper

Classroom Policies

Respect all classmates and the instructor.

Follow all safety guidelines during labs.

No food or drinks in the lab area.

Recent State Law: **No electronic devices are allowed in the classroom at any time.** If these electronic devices are discovered, they will be confiscated, and you must retrieve them from the office at the end of the school day.

Contact Information

For any questions or concerns, please contact me via email or visit during office hours. I am here to support your learning and help you succeed in this course.