



Fairfield Ludlowe High School - Fairfield Warde High School

AP Environmental Science

Insert Teacher Name
Insert Room Number
Insert Full Year/Semester
Insert Period
Insert Email Address

COURSE DESCRIPTION

The Advanced Placement Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science. The AP Environmental Science course is a multi-disciplinary course that presents the processes and interrelationships of Earth's natural systems. The course investigates the environmental issues and problems that occur within that context, both natural and man-made. Information is presented with an analytical and interdisciplinary perspective in a classroom setting, as well as in a laboratory setting with extensive field experiences. Students in this college-level course will deepen their understanding of scientific principles and concepts studied in Biology, Chemistry and Earth Science. They will identify, discuss, and constructively develop alternative solutions to resolve and/or prevent a number of environmental problems.

COURSE OBJECTIVES

Students will understand:

- How do ecosystems function, and how do humans impact these functions?
- How do human populations change with location and time?
- How do humans use earth's natural resources and what are the impacts, ecologically and economically, of these actions?
- How has the natural world changed with location and time historically and what are the possible changes for the future?
- How can humans live more sustainably?

UNITS OF STUDY

- The Living World
- Populations
- Earth Systems and Resources
- Land and Water Use
- Energy Resources & Consumption
- Pollution
- Global Change

COURSE POLICIES AND REQUIREMENTS

GRADING (see [FPS BOE Policy 6154.1AR](#))

- o Cumulative/In-Progress Grade:

10% of the grade will be based on formative assessments, homework completion, and/or behavior
90% will be based on summative assessments, of which there will be a minimum of eight for this full-year course; these may include Unit Tests, Mid-Unit Tests, Projects, Performance Tasks, Summative Quizzes, etc.

o End-of-the-Year Grade:

80% of the overall course grade will reflect the student's mastery of course content and skills during the school year through the Cumulative/In-Progress Grade

10% of the End-of-the-Year course grade will be based on the Mid-Year Assessment

10% of the End-of-the-Year course grade will be based on the Final Assessment

o Grade Reporting:

All grades will be communicated through Infinite Campus

Summative assessment results will be reported back to the student within ten school days from the date of submission or the due date

o Guidelines for Late Work:

Late work will be accepted for both summative and formative tasks within a defined timeline agreed upon between the student and the teacher

The total points may be reduced as a penalty for late work

o Reassessments:

- Any extenuating circumstances may be discussed with administration to allow alternative reassessment opportunities with administrative approval.
- Reassessment opportunities are defined as twice per year (with a maximum of one per quarter) for assignments that students met the original required deadlines and do not violate the academic integrity policy. Reassessment does not apply to midyear assessments or final assessments.
- Gradebook impact of Reassessment: original and reassessment scores will be averaged in the gradebook.

COURSE TEXT: Miller & Spoolman, *Living in the Environment*, 18th Edition