

Name _____ Period _____



Environmental Biology

Fall 2016: Streams and Fisheries

Mrs. Stolfus

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(503) 873-6331 Ext. 3791

Course Overview:

This course is designed to familiarize students with complexities of watersheds and resource management. Students will develop an understanding of how natural stream ecosystems function and the current environmental dilemmas we as humans face. The class will provide students with multiple opportunities to do field work and participate in environmental projects around campus and in the community.

Textbook: There is no official textbook for this course. Instead reading materials have been compiled from a variety of resources. Students will be responsible for coming after school to use materials to complete work if they are unable to be checked out.

Content:

- Areas of study in this course include (but are not limited to):
 - Topographical Maps and Compasses
 - Watersheds and Stream Characteristics
 - Fisheries: Ecology and Management Issues
 - Wetlands Biology and Wildlife
 - Ecological Integrity/Biodiversity
 - Field Labs: Silver Creek, Abiqua Creek, Oregon Garden Wetlands

Grading Policy:

- Your weighted grade will be based on performance in the following categories:

Academic (75% of grade)	Personal Management (25% of grade)
- Tests	- Homework/Daily Work/ Demo Labs
- Quizzes	- Notebooks
- Labs	- Participation
- Semester Final	

 - The Grading Scale is as follows:

90-100% = A	60-69% = D
80-89% = B	0 -59% = F
70-79% = C	
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Expectations:

- Attendance – Environmental biology is an activity-oriented course! Note taking, classroom experiences, and especially fieldwork are impossible to replicate if you miss class. Good attendance is crucial to your success in this course.
- Classroom Conduct – Proper self conduct and safety are of high importance in the field. There is a zero tolerance for improper behavior in this course. Class rules and guidelines will be discussed in class. Students will be responsible for knowing them and conducting themselves accordingly.
- Google Classroom – This site is used to increase communication about classwork and labwork. It is particularly useful for sharing pictures and data from our field work. Students are expected to use the resource frequently.
- Late Work –Late items categorized under the Personal Management Grade will be accepted for ½ credit for one week after the original due date. Work turned in after this 1-week deadline will not be graded. Exceptions will only be made for excused absences. Academic Tests, quizzes, and labs must all be made up within a reasonable span of time (depending on material) and will be coordinated with me.

- Absences – It is the student’s responsibility, not the instructor’s, to find out which assignments were missed after an absence and make them up in a timely manner.
 - *If you are absent, your handouts will be available on Google Classroom along with a class calendar.*
 - *Field labs or lab participation points must be made up using teacher designated alternative assignments.*
 - Notebooks – Students are expected to keep a notebook or binder dedicated to this course throughout the semester. Note-taking and saved papers and handouts are your resources, since the class lacks a text. Your notebook will be checked periodically and graded as a homework assignment for thoroughness and organization.
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Field Work Sites:

- Students will be visiting many off campus field sites including Silver Creek, Abiqua Creek, the Oregon Garden wetland complex, and the Pettit Reservoir to study streams and wetlands. These “field days” will be planned in advance, but last minute changes may be necessary due to transportation and weather issues.
 - Field work will take place during class time and students should be prepared to go outdoors and occasionally, get dirty and wet. Students are encouraged to keep extra clothes on hand at school in their locker. Let me know about any allergies!
 - Students will require specific parental permission to drive or ride with student drivers to and from the Oregon Garden field site and will adhere to DMV guidelines for teens.
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Getting Help:

- I am available before and after school in Room B201. Please let me know if you need extra assistance and when you plan on coming in.
- ***Please take this home with you and return it with the appropriate signatures.

Print Student Name _____ Period _____

Student Signature

Parent/Guardian Signature