

## **Environmental Studies/Environmental Science BioK180/ENVK101**

**Instructor:** Judy Preston

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**Class:** Tuesday and Thursday 2:30 – 3:45

**Classroom:** D102

**Text:** Environmental Science 11<sup>th</sup> edition, Richard T. Wright and Dorothy F. Boorse and supplemental material.

### **Course Description and Objectives:**

This course provides a general overview of contemporary environmental fundamentals and issues. Using the text, supplemental readings and web-based resources, the student will be introduced to the biotic and abiotic underpinnings of healthy ecosystems, environmental economics and sustainability, the tenuous relationship between people and the environment, renewable and non-renewable energy, air and water pollution, and the elements of sustainable living. The course will provide a general environmental literacy.

January 24

Week	In Class Topic	Assignment
TH Jan 19	Introduction to the Semester	Chapter 1
TU Jan 24	Science and the Environment	Writing Assignment
TH Jan 28	No Class	Chapter 3
TU Jan 31	Ecology: Basic Needs of Living Things	Chapter 4 Project Proposal
TH Feb 2	No Class	
TU Feb 7	Populations and Communities	Chapter 5
TH Feb 9	Ecosystems	Chapter 6
TU Feb 14	Wild Species and Biodiversity	Chapter 7
TH Feb 16	Use & Restoration of Ecosystems	Study for Quiz
TU Feb 21	QUIZ (Chapters 1-7), Discussion	Chapter 8, Supplemental Reading
TH Feb 23	The Human Population	Chapter 9
TU Feb 28	Population and Development	Chapter 10
TH Mar 1	Water and Human Use	Chapter 20
TU Mar 6	Water Pollution	Chapter 11
TH Mar 8	Soil & Land Ecosystems Guest Speaker	Chapter 12.2, Supplemental Reading
TU Mar 13	Food and Environment	Writing Assignment

TH Mar 15	Discussion: Food and Environment	Study for Quiz
March 19 - 23	Spring Break	
TU Mar 27	Quiz II (Chapters: 8-11, 12.2, 20)	Chapter 14
TH Mar 29	Energy: Fossil Fuels/Nuclear	Chapter 15
TU Apr 3	Renewable Energy/ Green Design	Chapter 16
TH Apr 5	Global Climate Change	Chapter 18
TU Apr 10	Atmospheric Pollution	Chapter 19
TH Apr 12	PROJECT PRESENTATIONS	Projects
TU Apr 17	PROJECT PRESENTATIONS	Projects
TH Apr 19	No Class	
TU Apr 24	Stewardship for a Sustainable Future	Supplemental Reading
TH Apr 26	Environmental Issues Discussion	Writing assignment
TU May 1	Field Exercise	
TH May 3	Field Exercise	
TU May 8	Semester Review	Study for Final
TH May 10	FINAL EXAM	The end

### EVALUATION AND GRADING

20% - QUIZZES (2)  
 25% - FINAL EXAM  
 15% - ASSIGNMENTS  
 20% - PRESENTATION  
 20% - ATTENDANCE AND PARTICIPATION

### Course Policies:

*Regular attendance and class participation is expected of each student.*

*Electronic Devices (cell phones, MP3 players, etc.):* These devices must be turned off when entering the room to maintain a respectful class atmosphere. You will be asked to leave if you disregard this requirement.

*Late/Missed Work:* All assignments are due the following week after it has been assigned unless otherwise specified. After this time the assignment will not be accepted and the student will receive a zero.

*Quizzes* will be based on lecture, reading material, and supplementary materials. There will be ***no make-up of quizzes*** without prior approval.

Last day to select *Pass/Fail option* is April 5, 2012

*Withdrawal:* The last day to withdrawal from this course is May 7, 2012.

*Academic Conduct:* It is expected that each student will turn in only his or her own work. Violations of the Student Code are taken seriously. This includes copying or sharing answering on tests or individual assignments, plagiarism, or having someone other than yourself do your work. Depending on the act, a student could receive an F grade on the test/assignment, an F grade for the course, or could be suspended or expelled.

For Your Knowledge, cheating and plagiarism are defined below:

Cheating is defined as the giving of assistance to another or the receiving of assistance from another person, another examination paper, other written material, or any source not explicitly permitted by the instructor, is cheating. Thus, you may not look at another's paper or answers; you may not show your paper or answers to another or leave your paper or answers around for others to look at; and, you may not verbally read or reveal your answers to another. It is also cheating to have access, without the instructor's approval, to examination, quiz, or test questions prior to the administration of the examination, quiz, or test.

Plagiarism is the submission or presentation of ideas or work in any form that are not one's own without appropriate acknowledgement of the source(s). Even with the acknowledgement, close paraphrasing can constitute plagiarism. You may quote the work of others if properly referenced.

*Special Needs:* Please inform me as soon as possible if you require any accommodations in addition to those provided here.