

THREE RIVERS COMMUNITY COLLEGE
PRINCIPALS OF ENV SCIENCE/ENVIRONMENTAL STUDIES
BIO K180/ENV K101
 Spring 2011

Text: Environmental Science 11TH Edition. Author: Richard T. Wright.

Thursday morning, 8:00 to 10:45, Room B210

Instructor: Judy Preston

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1/20/11

Week	Topic	In Class	Assignment (Includes one page writing every week)
1 Jan 20	Introduction: Sustainability	Overview	Read Chapters 1, 2
2 Jan 27	Sustainability, Economics, Politics & Public Policy Intro: Ecosystems and Biodiversity		Chapters 3, 4, 5
3 Feb 3	No Class Attend Environmental Seminar		Supplemental Reading
4 Feb 10	Ecosystems and Biodiversity Intro: People and Environment		Chapters 8, 9
5 Feb 17	People and Environment Intro: Water and Water Pollution		Chapters 10, 20
6 Feb 24	Water and Water Pollution Intro: Soil, Food and Environment	Quiz 1	Chapters 11, 12 Supplemental Reading
7 Mar 3	Soil, Food and Environment Film: Food, Inc. Intro: Energy		Chapters 14, 15
8 Mar 10	No Class Attend Environmental Seminar		Supplemental Reading
9 Mar 17	Spring Break		
10 Mar 24	Energy Film: Who Killed the Electric Car? Intro: Renewable Energy and Green Design		Chapter 16
11 Mar 31	Renewable Energy and Green Design Intro: The Atmosphere: Air Pollution, Climate Change	Quiz 2	Chapters 18, 19 Research for Group Presentations
12 Apr 7	The Atmosphere: Air pollution, Climate Change Intro to Carbon Footprint		Research for Group Presentations

13 Apr 14	Green Eating Meal Group Presentations		Chapter 23
14 Apr 21	No class Attend Environmental Seminar		Supplemental Reading
15 Apr 28	Stewardship for a Sustainable Future Evening Talk		Semester Review
16 May 5	Semester Review		
17 May12	Final Exam		

- READINGS WILL BE FROM ENV SCI TEXTBOOK AND SUPPLEMENTAL MATERIAL.
- QUIZZES WILL BE BASED ON LECTURE, READING MATERIAL, AND SUPPLEMENTAL MATERIALS.
- REGULAR ATTENDANCE AND CLASS PARTICIPATION IS EXPECTED. PLEASE ARRIVE ON TIME AND DO NOT LEAVE EARLY WITHOUT ADVANCE NOTICE.
- EXTRA CREDIT MAY BE OFFERED AS AN OPTION.
- **THERE WILL BE NO MAKE-UP OF QUIZZES WITHOUT PRIOR APPROVAL.**

EVALUATION AND GRADING

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

PLEASE NO PHONES OR ELECTRONIC DEVICES IN CLASS

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.