
THREE RIVERS COMMUNITY COLLEGE
PRINCIPALS OF ENV SCIENCE/ENVIRONMENTAL STUDIES
BIO K180/ENV K101
Spring 2009

Text: Environmental Science 10TH Edition. Author: Richard T. Wright.

Wednesday morning 8:00 – 11:45, Room D105

Instructor: Judy Preston

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1/21/09

Week	Topic	In Class	Assignment (Includes one page writing every week)
1 Jan 23	Introduction	Overview	Read Chapters 1, 2
2 Jan 30	1) Sustainability, Stewardship, and Sound Science 2) Ecosystems: What They Are	Review 1, 2	Read 3, 4
3 Feb 6	3) Ecosystems: How They Work 4) Ecosystems: How They Change	Ecosystems overview	Read 5, 6
4 Feb 13	5) The Human Population 6) Population and Development	Review 5, 6	Read 7, 8
5 Feb 20	7) Water: Hydrologic Cycle (Wetlands) 8) Soil: Foundation for Land Ecosystems	Review 7, 8	Review 1-8, Read 10, 11
6 Feb 27	10) Wild Species: Biodiversity & Protection 11) Ecosystems as Resources (Chapter 9 optional) (research project proposal due next week)	Quiz 1 (CH 1 - 8) Review 10, 11	Prepare Research Project outline Read 12, 13
7 March 6	12) Energy From Fossil Fuels 13) Nuclear Power Library Resources	Review 12, 13 Library talk	Read 14 Research Outline due today
8 March 13	14) Renewable Energy Supplemental: Green Design	Review 14 Green Design	Review 8 – 14 Read 16, 17 Research Project topic & team approved by today
March 20	Spring Break		
9 March 27	16) Pests and Pest Control 17) Water Pollution and Prevention	Quiz 2 (CH 8 -14) Review 16, 17	Read 20, 21
10 April 3	20) The Atmosphere: Climate Change, Ozone Depletion 21) Atmospheric Pollution	Review 20, 21	Read 23 Final weekly writing assignment

April 10	No Class: Spring Recess		Read 23
11 April 17	23) Sustainable Communities	Review 23 Final Presentation Prep	Semester Review
12 April 24	Semester Review Final Presentation questions	Semester Review	Review
13 May 1	Final Exam * not including chapters 9, 15, 18, 19, 22	Final Exam Chapters 1 – 23*	Presentation Prep
14 May 8	Presentations: Present and Hand In (attendance mandatory)	Presentations	Present and Hand in Final Paper
15 May 15	Presentations: Present and Hand In (attendance mandatory)	Presentations	Present and Hand in Final Paper

- 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 CELL PHONE USAGE WHILE IN CLASS