

THREE RIVERS COMMUNITY COLLEGE
PRINCIPALS OF ENV SCIENCE/ENVIRONMENTAL STUDIES
BIO K180/ENV K101
Spring 2010

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

Thursday evening 5:00 – 7:45 pm, Room D222

Instructor: Judy Preston

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3/18/10

	Week	Topic/Chapters covered in class	In Class	Assignment
1	Jan 21	Introduction: 1) Toward a Sustainable Future	Overview	Read Chapters 1, 2, 3
2	Jan 28	2) Ecosystems: What They Are 3) Ecosystems: How They Work	Review 1, 2 & 3	Read 4, 5
3	Feb 4	NO CLASS		
4	Feb 11	4) Ecosystems: How They Change 5) The Human Population	Ecosystems overview (2 - 5)	Read 6, 7
5	Feb 18	6) Population and Development 7) Water: Hydrologic Cycle (Wetlands)	Review 6, 7 Project Ideas	Read 8, 10 Review 1 - 7
6	Feb 25	8) Soil: Foundation for Land Ecosystems <i>Handout: Tragedy of the Commons</i>	Quiz 1 (1-7) Review 8	Read 11 1 Handout
7	March 4 Class 5 – 6:30	10) Wild Species: Biodiversity & Protection 11) Ecosystems as Resources <i>Review: Tragedy of the Commons</i>	Review 10, 11, handout	3 Handouts Read 9
8	March 11	Spring Break		
9	March 18	Food and Environment (3 Handouts) 9) Production & Distribution of Food (Film: King Corn)	Review Handouts, 9 <u>Student Presentations</u>	Read 12, 13
10	March 25	12) Energy From Fossil Fuels 13) Nuclear Power <i>Film: Who Killed the Electric Car?</i>	Review 12, 13	Read 14
11	April 1	14) Renewable Energy <i>Supplemental: Green Design</i>	Review 14 Green Design	Review 8 – 14 Read 17
12	April 8	17) Water Pollution and Prevention <i>Supplemental: River Continuum <u>Student Presentations</u></i>	Quiz 2 (CH 8 -14, supplementals) Review 17	Read 20, 21
13	April 15	20) The Atmosphere: Climate Change, Ozone 21) Atmospheric Pollution	Review 20, 21	Read 23

14	April 22	23) Sustainable Communities	Review 23	Semester Review
15	April 29	5:00 – 5:45 Semester Review Seminar talk room C101: Sustainable Landscaping & Ecology	Semester Review	Review
16	May 6	Final Exam Chapters 1 – 23* * not including chapters 9, 15, 16, 18, 19, 22 Supplemental Programs and Handouts	Final Exam	Final Presentations
17	May 13	Film: Inconvenient Truth <u>Student Presentations</u>		

EXTRA CREDIT:

Class will begin each week with brief student reviews of a timely environmental news item or review of an environmental product, service or website. Be sure to hand in the article or brief write-up with your name and class date for extra credit.

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- READINGS WILL BE FROM ENV SCI TEXTBOOK & SUPPLEMENTAL MATERIAL.
 - QUIZZES AND EXAM 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.
 - **THERE WILL BE NO MAKE-UP OF QUIZZES WITHOUT PRIOR APPROVAL.**
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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