

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

Text: Environmental Science 10<sup>TH</sup> Edition. Author: Richard T. Wright.

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

Instructor: Judy Preston

Home phone: (860) 395-0465

E-Mail: jpreston65@sbcglobal.net

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)	<b>Quiz 1</b> (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	<b>Quiz 2</b> (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

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

- 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.**

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**EVALUATION AND GRADING**

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

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**PLEASE NO CELL PHONE USAGE WHILE IN CLASS**