

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

Text: Environmental Science 11<sup>TH</sup> Edition. Authors: Richard T. Wright and Dorothy F. Boorse.

Instructor: Diba Khan-Bureau, Office: C264

Tuesday and Thursday 8:00 AM-9:15 AM, Room B125

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You can visit Blackboard for the course outline, PPpresentations and other instructional material.

This is a basic course in environmental studies that introduces ecological principles and a global perspective on environmental problems such as deforestation, global climate change, droughts, floods, soil erosion, loss of biodiversity, and pollutants. It describes, in detail, the study of the biological and physical aspects of the environment and related issues, highlighting sound science, sustainability, and stewardship. Additionally, this course emphasizes a global and cross-cultural perspective on issues pertaining to environmental science, including discussions on human population expansion, environmental racism, socioeconomic stratification, global stewardship, social modernization, and establishing a framework for a sustainable future.

- READING MATERIAL WILL BE FROM ENV SCI TEXTBOOK AND SUPPLEMENTAL MATERIAL.
- QUIZZES WILL BE BASED ON LECTURE, READING MATERIAL, AND VIDEOS.
- **REGULAR ATTENDANCE AND CLASS PARTICIPATION IS EXPECTED OF EACH STUDENT.**
- EXTRA CREDIT MAY BE OFFERED AS AN OPTION.
- **SOME FIELD WORK REQUIRED - DATES TBD.**
- **YOU ARE REQUIRED TO HAVE A PORTFOLIO WITH THE SCHEDULE, ALL OF YOUR PAPERS, YOUR QUIZZES AND ANYTHING ELSE THAT YOU PREPARE AS AN ASSIGNMENT IN A 3 RING BINDER (YOUR PORTFOLIO).**

Week	Topic		Chapter Reading/HW Essay due Every Week
<b>1</b> <b>Jan 19</b>	<b>Introductions</b> <b>1)Sustainability, Stewardship, and Sound Science</b> <b>Video</b>		<b>Read for next week 1, 2, 3</b> <b>Chose 2 chapters for Essay</b>
<b>2</b> <b>Jan 24 &amp; 26</b>	<b>2)Economics, Politics, and Public Policy</b> <b>3)Basic Needs of Living Things</b>		<b>Read for next week 4, 5</b> <b>Essay assign. 1</b>

3 Jan 31	4) Populations and Communities 5) Ecosystems: Energy, Patterns, Disturbance <b>NO CLASSES FEB 2!!</b>	<b>NO CLASSES FEB 2!!</b>	Read for NW 6, 7 Essay assign. 2
4 Feb 7 & 9	6) Wild Species: Biodiversity & Protection 7) The Use and Restoration of Ecosystems		Read for NW 8, 9 Essay 3
5 Feb 14 & 16	Wetlands Supplementary 8) The Human Population	<b>Quiz 1</b>	Read for NW 10 Supplementary Essay 4
6 Feb 21 & 23	9) Population and Development	<b>Library Research</b>	Read for NW 20 Essay 5
7 Feb 28 & Mar 1	10) Water: Hydrologic Cycle 20) Water Pollution and Prevention		Read for NW 11, 12 Essay 6
8 Mar 6 & 8	CT Forests, supplementary presentation 11) Soil & Soil Ecosystems 12) The Production and Distribution of Food		Supplementary Read for NW 14, 16 Essay 7
9 Mar 13	14) Energy From Fossil Fuels 16) Renewable Energy	<b>Take Home Quiz 2 Mar 15</b>	Read for NW 17 Essay 8
10 Mar 19-23	<b>NO CLASSES SPRING BREAK</b>		
11 Mar 27 & 29	17) Environmental Health Start Library Research work for Group Presentation	<b>Library Research</b>	Read for NW 18, 19 Essay 9
12 Apr 3 & 5	18) Global Climate Change 19) The Atmosphere: Pollution		Read for NW 20 Essay 10
13 Apr 10 & 12	Video: The Air We Breathe 20) Provide an Outline of Presentation Continue Library Research Work with Group	<b>QUIZ 3</b>	Read for NW 21 Essay 11
14 Apr 17 & 19	22) Sustainable Communities	<b>Library Research</b>	14
15 Apr 24 & 26	Group Presentations: Hand in Presentations		15
16 May 1 & 3	<b>Final – take home handed out</b>	<b>FINAL</b>	16
17 May 8 & 10	<b>Take home final due PORTFOLIO due</b>	<b>Final Exam Due</b>	

**The Library Research Work and Group Presentations are mandatory for a passing grade.  
PLEASE NO CELL PHONE USAGE WHILE IN CLASS!!**

**Withdrawal: The last day to drop this class is May 7th.**

Incomplete: An incomplete must be finished within 60 days of the last day of the semester.

Disabilities: If you have a disability that may affect your class performance please come see me as soon as possible.

Cheating/Plagiarism: Any student caught cheating or plagiarizing will receive a zero for that assignment. 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.

**THERE WILL BE NO MAKE-UP QUIZZES WITHOUT PRIOR APPROVAL.**

**GRADING**

10% - QUIZZES (3)

20% - FINAL EXAM

15% - ASSIGNMENTS

10% - PRESENTATION

25% - ATTENDANCE AND PARTICIPATION

**Please go to Blackboard to get updated presentations, schedule, and homework assignments!!!**