

THREE RIVERS COMMUNITY COLLEGE  
 PRINCIPALS OF ENV SCIENCE/ENVIRONMENTAL STUDIES - BIO K180/ENV K101  
 Spring 2015  
**PROPOSED SCHEDULE**

Text: Environmental Science 12<sup>TH</sup> Edition. Authors: Richard T. Wright and Dorothy F. Boorse.

Instructor: Diba Khan-Bureau, Office: C264

Monday and Wednesday 2:00 PM-3:15 PM, Room B125

School phone (860) 215-9443

E-Mail [dkhan-bureau@trcc.commnet.edu](mailto:dkhan-bureau@trcc.commnet.edu)

You can visit Blackboard for the course outline and other instructional material. You will be required to have your own ePortfolio on Digication. This is where your homework assignments and quizzes will be kept. Visit TRCC website go to Learning Resources and then scroll down to ePortfolio to learn more about this requirement.

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 USE ePORTFOLIO. ALL OF YOUR PAPERS, YOUR QUIZZES AND ANYTHING ELSE THAT YOU PREPARE AS AN ASSIGNMENT WILL BE UPLOADED IN DIGICATION (YOUR ePORTFOLIO).**

Week	Topic		Chapter Reading/HW Essay due Every Week
<b>1</b> Jan 26-28	<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>

2 Feb 2 & 4	2)Economics, Politics, and Public Policy 3)Basic Needs of Living Things		Read for next week 4, 5 Essay assign. 1
3 Feb 9 & 11	4) Populations and Communitites 5) Ecosystems: Energy, Patterns, Disturbance Classes not in session – PDD for faculty and staff	NO CLASSES Feb 7th	Read for NW 6, 7 Essay assign. 2
4 Feb 12 & 14	6) Wild Species: Biodiversity & Protection 7) The Use and Restoration of Ecosystems	Quiz 1	Read for NW 8, 9 Essay 3
5 Feb 16 & 18	Wetlands Supplementary 8) The Human Population		Read for NW 10 Supplementary Essay 4
6 Feb 23 & 25	9) Population and Development	Library Research	Read for NW 20 Essay 5
7 Mar 2 & 4	10) Water: Hydrologic Cycle 20)Water Pollution and Prevention		Read for NW 11, 12 Essay 6
8 Mar 9 & 11	CT Forests, supplementary presentation 11) Soil & Soil Ecosystems 12)The Production and Distribution of Food NO CLASS Mar 12- take home Quiz	Take HomeQuiz 2 Mar 12	Supplementary Read for NW 14, 16 Essay 7
9 Mar 16-18	SPRING BREAK-NO CLASSES		
10 Mar 23 & 25	14)Energy From Fossil Fuels 16)Renewable Energy		Read for NW 17 Essay 8
11 Mar 30 & Apr 1	17)Environmental Health Start Library Research work for Group Presentation	Library Research	Read for NW 18, 19 Essay 9
12 Apr 6 & 8	18) Global Climate Change 19) The Atmosphere: Pollution		Read for NW 20 Essay 10
13 Apr 13 & 15	Video: The Air We Breathe 20) Provide an Outline of Presentation Continue Library Research Work with Group	QUIZ 3	Read for NW 21 Essay 11
14 Apr 20 & 22	22) Sustainable Communities Group Presentations: Hand in Presentations	Library Research	14
15 Apr 27 & 29	Group Presentations: Hand in Presentations		15
16 May 4 & 6	Final – take home handed out	FINAL	16
May 11	Take home final due ePORTFOLIO due	Final Exam Due	

**The Library Research Work and Group Presentations are mandatory for a passing grade.**

**PLEASE NO CELL PHONE USAUGE WHILE IN CLASS!! No devices including laptops allowed unless with a Medical Doctors note.**

Withdrawal: [http://www.trcc.commnet.edu/Div\\_academics/Admin/calendar.shtml](http://www.trcc.commnet.edu/Div_academics/Admin/calendar.shtml)

Please ensure that you are familiar with and follow the student's handbook regarding attendance, plagiarism, student behavior and the like. This information can be found at: [http://www.trcc.commnet.edu/Gen\\_Info/PolicyLinks.htm](http://www.trcc.commnet.edu/Gen_Info/PolicyLinks.htm)

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.

**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 schedule and homework assignments**