

THREE RIVERS COMMUNITY COLLEGE  
PRINCIPALS OF ENV SCIENCE – BIO K180  
CRN 10677 Spring 2018  
**PROPOSED SCHEDULE**

Text: Environmental Science Authors: Richard T. Wright and Dorothy F. Boorse.

Instructor: Diba Khan-Bureau, Office: C264

**Tuesday and Thursday 11:00 AM–12:15 PM, Room B125**

School phone (860) 215-9443

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

As a student you will maintain an online learning portfolio using a college-designed template in Digication. Through this electronic tool you will have the opportunity to monitor your own growth in college-wide learning. It may even help you determine a major that is best suited to you. You will be able to keep and maintain your learning portfolio after graduation. A Three Rivers General Education Assessment Team will select and review random works to improve the college experience for all. If your work is selected and reviewed for assessment purposes, it will remain anonymous and private. Digication provides a “place” where you will connect your learning from the classroom, college, and life in general. Sometimes when you review all of the work you have done and think about it, you end up learning something different and perhaps unexpected. Please review your course outlines to determine what assignments to upload into the TRCC Digication template and please post your own choices, as well.

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).**
- **POP QUIZZES ARE TO BE EXPECTED**

Week	Topic		Chapter Reading/HW Essay due Every Week
1 Jan 18	Introductions 1) Sustainability, Stewardship, and Sound Science Video		Read for next week Ch 1, 2, 3 Chose 1 Essay
2 Jan 23, 25	2) Economics, Politics, and Public Policy 3) Basic Needs of Living Things		Read for next week 4, 5 Essay assign. 2
3 Jan 30, Feb 1	4) Populations and Communitites 5) Ecosystems: Energy, Patterns, Disturbance	Quiz 1 Thursday	Read for NW 6, 7 Essay assign. 3
4 Feb 6, 8	6) Wild Species: Biodiversity & Protection 7) The Use and Restoration of Ecosystems		Read for NW 8, 9 Essay 4
5 Feb 13, 15	Wetlands Supplementary 8) The Human Population		Read for NW 10 Supplementary Essay 5
6 Feb 20, 22	9) Population and Development	Library Research	Read for NW 20 Essay 6
7 Feb 27, Mar 1	10) Water: Hydrologic Cycle 20) Water Pollution and Prevention		Read for NW 11, 12 Essay 7
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 8
9 Mar 13, 15	SPRING BREAK Classes not in session	Take Home Quiz due on digication	
10 Mar 20, 22	14) Energy From Fossil Fuels 16) Renewable Energy		Read for NW 17 Essay 9
11 Mar 27, 29	17) Environmental Health Start Library Research work for Group Presentation		Read for NW 18, 19 Essay 10
12 Apr 3, 5	18) Global Climate Change 19) The Atmosphere: Pollution	Library Research	Read for NW 22 Essay 11
13 Apr 10, 12	22) Sustainable Communities Provide an Outline of Presentation	QUIZ 3	Essay 12
14 Apr 17, 19	Group Presentations: Hand in Presentations Essays must all be posted on Digication	PPPs	TOTAL 12 ESSAYS Due
15 Apr 24, 26	Group Presentations: Presentations posted on Digication		
16 May 1, 3	Final – take home posted on BB on May 1, Tuesday Final Due Tuesday May 8 <sup>th</sup> on Digication and hard copy to me!!	FINAL Due on Tuesday	

## Course Outcomes

- Understand core scientific principles concepts and methods from economic, political, and social analysis as they pertain to the evaluation of environmental policies and institutions.
- Demonstrate proficiency in quantitative reasoning and analysis, critical thinking, and written communication needed to understand the work as interdisciplinary practitioners.
- Appreciate the ethical, cross-cultural, and historical context of environmental issues and the links between human and natural systems.
- Understand the transnational character of environmental problems and ways of addressing them, including interactions across local to global scales.
- Apply systems concepts to analyze and understand interactions between social and environmental processes, climate change, water and air pollution and land pollution.
- Reflect critically about the roles and identities as citizens, consumers and environmental actors in a complex, interconnected world.

**The Library Research Work and Group Presentations are mandatory**

**PLEASE NO CELL PHONE USAUGE WHILE IN CLASS!!**

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:** A temporary grade assigned by the faculty member when course work is missing and the student agrees to complete the requirements. The student and instructor both must sign a contract to permit an "incomplete" grade. The contract will denote what must be completed to resolve the "I" grade. The "I" must be resolved by the end of the 10th week of the next full academic semester (except summer) or it automatically converts to an "F" or "F#" for remedial courses.

### **Students with Disabilities:**

Three Rivers Community College welcomes students with disabilities. Services for students with disabilities are coordinated through the Counseling Center. In accordance with federal law, students with documented disabilities may request reasonable accommodations. Students are required to submit a Self Disclosure Form, provide documentation, and meet with a Disability Service Provider before the start of the semester, if possible. Please call the Counseling Center at (860) 215-9017 for more information.

[http://www.trcc.commnet.edu/div\\_studentservices/counseling/disabilityadvising.shtml](http://www.trcc.commnet.edu/div_studentservices/counseling/disabilityadvising.shtml)

**Links to Policies Covering Three Rivers Community College - Student handbook:** 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/Div\\_StudentServices/StudentPrograms/documents/TRCCstudenthandbook.pdf](http://www.trcc.commnet.edu/Div_StudentServices/StudentPrograms/documents/TRCCstudenthandbook.pdf)

Sexual misconduct clause:

BOARD OF REGENTS FOR HIGHTER EDUCATION AND CONNECTICUT STATE COLLEGES  
AND UNIVERSITIES POLICY REGARDING SEXUAL MISCONDUCT REPORTING, SUPPORT  
SERVICES AND PROCESSES POLICY

Statement of Policy for Public Act No. 14-11: An Act Concerning Sexual Assault, Stalking and  
Intimate Partner Violence on Campus:

“The Board of Regents for Higher Education (BOR) in conjunction with the Connecticut State Colleges  
and Universities (CSCU) is committed to insuring that each member of every BOR governed college  
and university community has the opportunity to participate fully in the process of education free from  
acts of sexual misconduct, intimate partner violence and stalking. It is the intent of the BOR and each  
of its colleges or universities to provide safety, privacy and support to victims of sexual misconduct and  
intimate partner violence.”

Title IX clause:

UNITED STATES DEPARTMENT OF EDUCATION AND OFFICE OF CIVIL RIGHTS TITLE IX  
STATEMENT OF POLICY:

“Title IX of the Education Amendments of 1972 (Title IX) prohibits discrimination based on sex in  
education programs and activities in federally funded schools at all levels. If any part of a school  
district or college receives any Federal funds for any purpose, all of the operations of the district or  
college are covered by Title IX.

Title IX protects students, employees, applicants for admission and employment, and other persons  
from all forms of sex discrimination, including discrimination based on gender identity or failure to  
conform to stereotypical notions of masculinity or femininity. All students (as well as other persons) at  
recipient institutions are protected by Title IX – regardless of their sex, sexual orientation, gender  
identity, part-or full-time status, disability, race, or national origin-in all aspects of a recipient’s  
educational programs and activities.”

If any student experiences sexual misconduct or harassment, and/or racial or ethnic discrimination on  
Three Rivers Community College Campus, or fears for their safety from a threat while on campus,  
please contact Vicki Baker, the Diversity Officer and Title IX Coordinator: 860-215-9208  
(vbaker@trcc.commnet.edu)

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

10% - QUIZZES (per quiz - 3 or more)  
20% - FINAL EXAM  
15% - ASSIGNMENTS  
10% - PRESENTATION  
25% - ATTENDANCE AND PARTICIPATION

Please check your TRCC email regularly

**Please go to Blackboard to get schedule, homework  
assignments, check in!!**