

THREE RIVERS COMMUNITY COLLEGE
PRINCIPALS OF ENV SCIENCE/ENVIRONMENTAL STUDIES - BIO K180
FALL 2018 M&W
PROPOSED SCHEDULE

Text: Environmental Science 13TH Edition. Authors: Richard T. Wright and Dorothy F. Boorse.

Instructor: Diba Khan-Bureau, Office: C264

Monday and Wednesday 4:30 AM-5:45 AM, Room D221

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You can visit Blackboard for the course outline 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. We will be talking about environmental politics!

DIGICATION Requirements:

All students are required to maintain an online learning portfolio in Digication that uses the college template. Through this electronic tool students will have the opportunity to monitor their own growth in college-wide learning. The student will keep his/her learning portfolio and may continue to use the Digication account after graduation. A Three Rivers General Education Assessment Team will select and review random works to improve the college experience for all. Student work reviewed for assessment purposes will not include names and all student work will remain private and anonymous for college improvement purposes. Students will have the ability to integrate learning from the classroom, college, and life in general, which will provide additional learning opportunities. If desired, students will have the option to create multiple portfolios. Visit TRCC website go to Learning Resources and then scroll down to ePortfolio to learn more about this

One Saturday (TBD) in Oct we will do the Rapid Bioassessment in Salem, Lyme, East Haddam!! Counts as a quiz and a required day.

- 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.**

Week	Topic	Chapter Reading/HW Essay due Every Week
1 Aug 29	Introductions 1) Sustainability, Stewardship, and Sound Science Video	Read 1, 2, 3 Chose 1 chapter for Essay
2 Sept 3 & 5	2) Economics, Politics, and Public Policy 3) Basic Needs of Living Things	Read for next week 4, 5 Essay assign. 2
3 Sept 10 & 12	4) Populations and Communities 5) Ecosystems: Energy, Patterns, Disturbance	Read for NW 6, 7 Essay assign. 3
4 Sept 17 & 19	6) Wild Species: Biodiversity & Protection 7) The Use and Restoration of Ecosystems	Read for NW 8, 9 Essay 4
5 Sept 24 & 26	Wetlands Supplementary 8) The Human Population	Read for NW 10 Supplementary Essay 5
6 Oct 1 & 3	9) Population and Development	Read for NW 20 Essay 6
7 Oct 8 & 10	10) Water: Hydrologic Cycle 20) Water Pollution and Prevention	Read for NW 11, 12 Essay 7
8 Oct 15 No Class On 17th	CT Forests, supplementary presentation 11) Soil & Soil Ecosystems 12) The Production and Distribution of Food	Supplementary Read for NW 14, 16 Essay 8
9 Oct 22 & 24	14) Energy From Fossil Fuels 16) Renewable Energy	Read for NW 17 Essay 9
10 Oct 29 & 31	17) Environmental Health Start Library Research work for Group Presentation	Read for NW 18, 19 Essay 10
11 Nov 5 & 7	18) Global Climate Change 19) The Atmosphere: Pollution	Read for NW 22 Essay 11
12 Nov 12 & 14	Video: The Air We Breathe 21) Provide an Outline of Presentation	Read for NW 21
13 Nov 19 & 21	22) Sustainable Communities Complete discussions on chapters and other pertinent issues NO CLASS on the 21st	
14 Nov 26 & 28	Group Presentations: Hand in Presentations Final – take home handed out Homework Assignments & presentations uploaded on ePORTFOLIO Digication!	
15 Dec 3 & 5	Finish Group Presentations: Hand in Presentations Finals are due on Digication and provide a hard copy!	FINAL DUE

Course Outcomes:

1. Understand the natural environment and its relationships with human activities.
2. Characterize and analyze human impacts on the environment.
3. Integrate facts, concepts, and methods from multiple disciplines and apply to environmental problems.
4. Acquire practical skills for scientific problem-solving, including field instrumentation and equipment and computer applications.
5. Evaluate strategies, technologies, and methods for sustainable management of environmental systems and for the remediation or restoration of degraded environments.

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

No Quiz Makeup without prior approval

PLEASE NO CELL PHONE USAUGE WHILE IN CLASS. No devices including laptops allowed unless with a Medical Doctors note or by permission of me.

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

Late/Missed Work:

All assignments are due the following week after it has been assigned unless otherwise specified. After this time the assignment will not be accepted and you will receive a zero.

No quiz make-up without prior approval.

Cheating/Plagiarism: Please see the students handbook on this subject at

http://www.trcc.commnet.edu/Div_StudentServices/StudentPrograms/documents/TRCCstudenthandbook.pdf

Withdrawal: See information re the school calendar

http://www.trcc.commnet.edu/Div_academics/Admin/calendar.shtml

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

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/TCCstudenthandbook.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 the Diversity Officer and

Title IX Coordinator: 860-215-9208