

THREE RIVERS COMMUNITY COLLEGE
 PRINCIPALS OF ENV SCIENCE/ENVIRONMENTAL STUDIES - BIO K180
 FALL 2019 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! **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 28	Introductions 1) Sustainability, Stewardship, and Sound Science 2) Economics, Politics, and Public Policy	Read 1 & 2 Chose 1 chapter and question for Essay Upload on BlackBoard
2 Sept 2 & 4	3) Basic Needs of Living Things 4) Populations and Communities	Read 3 & 4 Essay assign. 2
3 Sept 9 & 11	5) Ecosystems: Energy, Patterns, Disturbance 6) Wild Species: Biodiversity & Protection	Read 5 & 6 Essay assign. 3

4 Sept 16 & 18	7) The Use and Restoration of Ecosystems 8) The Human Population	Read 7 & 8 Essay 4
5 Sept 23 & 25	9) Population and Development 10) Water: Hydrologic Cycle	Read 9 & 10 Supplementary Essay 5
6 Sept 30 & Oct 2	11) Soil & Soil Ecosystems 12) The Production and Distribution of Food	Read 11 & 12 Essay 6
7 Oct 7 & 9	13) Pests and their Control 14) Energy From Fossil Fuels	Read 13 & 14 Essay 7
8 Oct 14 & 16	15) Nuclear Energy 16) Renewable Energy	Supplementary Read 15 & 16 Essay 8
9 Oct 21 & 23	17) Environmental Health 18) Global Climate Change	Read 17 & 18 Essay 9
10 Oct 28 & 30	Start Library Research work for PowerPoint Presentations 19) The Atmosphere: Pollution 20) Water Pollution and Prevention	Read 19 & 20 Essay 10
11 Nov 4 & 6	21) Municipal Solid Waste 22) Hazardous Chemicals	Read 21 & 22 Essay 11
12 Nov 11 & 13	23) Sustainable Communities Provide an Outline of Presentation	Read for next week 23 Essay 12
13 Nov 18 & 20	Complete discussions on chapters and other pertinent issues.	
14 Nov 25 & 27	Group Presentations: Hand in Presentations Homework Assignments & presentations uploaded on BlackBoard! No class on the 27 th . Final – posted on BlackBoard	
15 Dec 2 & 4	Finish Group Presentations: Hand in Presentations	
16 Dec 9	Finals are due on BlackBoard!	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.

- 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.

Quizzes will be posted on BLACKBOARD!

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:

· **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