## THREE RIVERS COMMUNITY COLLEGE PRINCIPALS OF ENV SCIENCE/ENVIRONMENTAL STUDIES - BIO K180/ENV K101 FALL 2015 **M&W**

## 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 D105

School phone (860) 215-9443

E-Mail 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 <u>ePortfolio on Digication</u>. 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. <u>One Saturday (TBD) in Oct we will do the Rapid Bioassessment in Salem,</u> Lyme, East Haddam!! Counts as a quiz.

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	Торіс	Chapter Reading/HW Essay due Every Week
1	Introductions	Read for next
Aug 31&	1) Sustainability, Stewardship, and Sound Science	week 1, 2, 3

Comparison of the comparison	Sept 2	Video		Chose 2 chapters
Sept 7 & 9   3Basic Needs of Living Things (Classes not in session Sept 7 Labor Day   4   4   10 poulations and Communities   5   5   5   5   5   5   5   5   5	•			_
Classes not in session Sept 7 — Labor Day  4 Populations and Communities  Sept 14 & 16 5) Ecosystems: Energy, Patterns, Disturbance  4 Owlid Species: Biodiversity & Protection  Sept 21 & 23 7) The Use and Restoration of Ecosystems  5 Wetlands Supplementary  Sept 28 & 30 8) The Human Population  6 Population and Development  Cot 5 & 7  7 Oct 12 & 14 20) Water: Hydrologic Cycle  Oct 5 & 7  7 Oct 12 & 14 20) Water Population and Prevention  NO CLASS Oct 12 - take home Quiz  8 CT Forests, supplementary presentation  Oct 19 & 21 11) Soil & Soil Ecosystems  Cot 19 & 21 11) Soil & Soil Ecosystems  10 12 The Production and Distribution of Food  12 10 Province and Distribution of Food  13 13 13 13 2) New Yesearch  14 Continue Library Research Work with Group  15 Province and Outline of Presentation  Oct 10 Presentation:  Oct 10 Presentation:  11 13 Group Presentation:  Oct 26 & 28 No 2 & 11 - take home Quiz  20 UIZ.3 Read for NW  18, 19  Essay 3  Read for NW 20  Essay 5  Supplementary  Read for NW 11  Essay 6  Supplementary  Read for NW 12  Essay 7  Read for NW 17  Read for NW 14  Essay 7  Read for NW 17  Read for NW 18  Read for NW 20  Essay 10  Read for NW 19  Essay 10  Read for NW 10  Essay 6  Supplementary  Read for NW 11  Essay 7  Read for NW 11  Essay 1  Essay 10  Essay 11  Essay 11  Essay 11  Essay 11  Essay 11  Essay 2  Essay 10  Essay	2	2)Economics, Politics, and Public Policy	NO CLASSES	Read for next
3 4) Populations and Communitites Sept 14 & 16 5) Ecosystems: Energy, Patterns, Disturbance  4 6) Wild Species: Biodiversity & Protection Sept 21 & 23 7) The Use and Restoration of Ecosystems  5 Wetlands Supplementary Sept 28 & 30 8) The Human Population  6 9) Population and Development Cot 5 & 7 7  10) Water: Hydrologic Cycle Oct 12 & 14 20) Water Pollution and Prevention NO CLASS Oct 12 - take home Quiz Oct 19 & 21 11) Soil & Soil Ecosystems  12) The Production and Distribution of Food  11) Soil & Soil Ecosystems 12) The Production and Distribution of Food  14) Energy From Fossil Fuels Oct 26 & 28 16) Renewable Energy  10 17) Environmental Health Nov 2 & 4 18) Global Climate Change Nov 9 & 11 19) The Atmosphere: Pollution Continue Library Research Work with Group 11 2 Video: The Air We Breathe Continue Library Research Work with Group 13 22) Sustainable Communities Nov 23 & 25 No CLASSES Wed Nov 25 - Thanksgiving  16 Dec 14  17 Final Final are due (handed in hard copy) on the 9th Due  Read for NW 6, 7 Essay assign, 2  Read for NW 8, 9 Essay 3  Read for NW 19 Supplementary Research Pack Home Quiz 2 Oct 12 Essay 6  Supplementary Read for NW 17 Essay 8  Read for NW 18, 19 Essay 10  Read for NW 18, 19 Essay 10  Read for NW 18, 19 Essay 10  Read for NW 20 Essay 10  Final - take home handed out	Sept 7 & 9	3)Basic Needs of Living Things	SEPT 7	week 4, 5
Sept 14 & 16   5   Ecosystems: Energy, Patterns, Disturbance   Essay assign. 2	_	Classes not in session Sept 7 – Labor Day		Essay assign. 1
Sept 14 & 16   5   Ecosystems: Energy, Patterns, Disturbance   Essay assign. 2	3	4) Populations and Communitites		Read for NW 6, 7
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Cot 5 & 7   Population and Development   Library Research   Read for NW 20	_			
Oct 5 & 7    Take Home   Quiz 2   11, 12   20   20   20   20   20   20   20	Sept 28 & 30	8) The Human Population		Essay 4
7	-	9) Population and Development	Library	Read for NW 20
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Oct 12 & 14   20) Water Pollution and Prevention NO CLASS Oct 12 - take home Quiz   Essay 6    8	7	10) Water: Hydrologic Cycle	Take Home	Read for NW
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Due in		=	Exam	
			Due in	

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

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: <a href="http://www.trcc.commnet.edu/Gen\_Info/PolicyLinks.htm">http://www.trcc.commnet.edu/Gen\_Info/PolicyLinks.htm</a>

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

<u>Disabilities</u>: 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