

THREE RIVERS COMMUNITY COLLEGE
 PRINCIPALS OF ENV SCIENCE/ENVIRONMENTAL STUDIES - BIO K180/ENV K101
 Spring 2014
PROPOSED SCHEDULE

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

Instructor: Diba Khan-Bureau, Office: C264

Tuesday and Thursday 8:00 AM-9:15 AM, Room B125

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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. Plan on discussing current environmental issues!!!

- **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 HAVE A PERSONAL PORTFOLIO WITH THE SCHEDULE, ALL OF YOUR PAPERS, YOUR QUIZZES AND ANYTHING ELSE THAT YOU PREPARE AS AN ASSIGNMENT IN DIGICATION (SEE THE LAST PAGE).**

Week	Topic		Chapter Reading/HW Essay due Every Week
1 Jan 23	Introductions 1)Sustainability, Stewardship, and Sound Science Video		Read for next week 1, 2, 3 Chose 2 chapters for Essay

2 Jan 28 & 30	2)Economics, Politics, and Public Policy 3)Basic Needs of Living Things		Read for next week 4, 5 Essay assign. 1
3 Feb 4 NO CLASSES FEB 6	4) Populations and Communitites 5) Ecosystems: Energy, Patterns, Disturbance Classes not in session – PDD for faculty and staff	NO CLASSES Feb 6th	Read for NW 6, 7 Essay assign. 2
4 Feb 11 & 13	6) Wild Species: Biodiversity & Protection 7) The Use and Restoration of Ecosystems	Quiz 1 TAKE HOME	Read for NW 8, 9 Essay 3
5 Feb 18 & 20	Wetlands Supplementary 8) The Human Population	Quiz 1 Due	Read for NW 10 Supplementary Essay 4
6 Feb 25 & 27	9) Population and Development	Library Research	Read for NW 20 Essay 5
7 Mar 4 & 6	10) Water: Hydrologic Cycle 20)Water Pollution and Prevention		Read for NW 11, 12 Essay 6
8 Mar 11 & 13	CT Forests, supplementary presentation 11) Soil & Soil Ecosystems 12)The Production and Distribution of Food	Take HomeQuiz 2 Mar 12	Supplementary Read for NW 14, 16 Essay 7
9 Mar 17-23	SPRING BREAK-NO CLASSES		
10 Mar 25 & 27	14)Energy From Fossil Fuels 16)Renewable Energy	Quiz 2 Due	Read for NW 17 Essay 8
11 Apr 1 & 3	17)Environmental Health Start Library Research work for Group Presentation	Library Research	Read for NW 18, 19 Essay 9
12 Apr 8 & 10	18) Global Climate Change 19) The Atmosphere: Pollution		Read for NW 20 Essay 10
13 Apr 15 & 17	Video: The Air We Breathe 20) Provide an Outline of Presentation Continue Library Research Work with Group		Read for NW 21 Essay 11
14 Apr 22 & 24	22) Sustainable Communities Group Presentations: Hand in Presentations	Library Research	14
15 Apr 29 & May 1	Group Presentations: Hand in Presentations		15
16 May 6 & 8	Final – take home handed out	FINAL	16
14	Take home final due PORTFOLIO 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

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.

Cheating/Plagiarism: See the student handbook on this and all other issues including disabilities, the calendar, and many other important topics that may effect you as a student.

http://www.threerivers.edu/Div_StudentServices/StudentPrograms/documents/TRCCs_tudenthandbook.pdf

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

DIGICATION - 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.

Please go to Blackboard to get schedule and homework assignments!!!