

1. COURSE:  
SECTION: T01 Fall 2007 Three Rivers Community College
2. INSTRUCTOR: Ed Natoli  
Office: Phone: 860-237-0155  
E-mail: TBA
3. CLASSES AND OFFICE SCHEDULE:  

LAB -	M 6:30 PM to 9:15 PM
OFFICE HOURS	Wednesday at 7:00 at the Thames Valley campus
4. COURSE DESCRIPTION: This course is designed to familiarize the student with the concepts and theories of environmental science. Environmental science is probably the most diverse of all the scientific disciplines. Environmental science encompasses many of the concepts in biology, chemistry and earth science. But another consideration in environmental science is how individuals, state's and countries set environmental policies and regulations and how they ultimately effect the environment.
5. Textbook requirement: ENVIRONMENTAL SCIENCE by RICHARD T. WRIGHT  
9<sup>TH</sup> Edition
6. EVALUATION AND GRADING: Your grade for this semester will be derived in the following proportions:
  - 1) There will be 3 tests roughly 5 weeks apart the last one being the final day of class. They should take approximately half of the allotted class time to finish.
  - 2) Field trips they will be several opportunities to do fieldwork during the semester, although these trips are not mandatory it is strongly encouraged that every student attends at least one of them. At the end of the field trip a one-page describing your experience and what you got out of it will be graded and averaged as a TEST.
  - 3) Book Club. The assigned book PRODIGAL SUMMER by Barber Kingsolver. They will be 4 meetings of the club every other week.

100 - 93	A	76 - 73	C
92 - 90	A <sup>-</sup>	72 - 70	C <sup>-</sup>
89 - 87	B <sup>+</sup>	69 - 67	D <sup>+</sup>
86 - 83	B	66 - 63	D
82 - 80	B <sup>-</sup>	62 - 60	D <sup>-</sup>
79 - 77	C <sup>+</sup>	59 - 00	F

8. ATTENDANCE: You will be expected to attend every class.
9. INCOMPLETE: An incomplete must be finished within 60 days of the last day of the semester.
10. DISABILITIES: If you have a disability that may impact your performance in this class please come see me as soon as possible.

Week	Lecture Topics	Chapters cover in this Lecture
1	Life on Earth and Evolution and an overview	Chapter 1
2	Ecosystem: how they work, what they're made up of and how energy flows through them. THE CARBON,NITROGEN AND PHOSPHORUS CYCLES	Chapters 2 & 3
3	Ecosystems how they change and how they respond and Human Population and the dynamics of population growth	Chapters 3 and 4
4	Population and development	Chapters 5 and 6
5	First test On chapters 1-4 Water and Hydrologic	Chapters 7
6	Soil and why it matters, food production and distribution	Chapters 8 and 9.
7	Pesticides, introduction to toxicology and risk assessment	Chapter 15 and 16

8	Biodiversity and ecosystem capital	Chapters 10 & 11
9	Energy	Chapters 12,13 and 14
10	Test population, water, soil and biodiversity capital	
11	Energy	Chapters 12,13 and 14
12	Test population, water, soil and biodiversity capital	
13	Pollution: solid waste disposal and hazardous chemicals	Chapters 19 and 20
14	The atmosphere and atmospheric pollution	Chapters 20 and 21
15	Economy, public policy and the environment sustainable communities	Chapters 22 and 23
16	Final exam	

