

ENVIRONMENTAL SCIENCE
BSC 1050 CRN 33657
Summer Term A 2013

INSTRUCTOR: Dr. Leesa L. Sward

OFFICE HOURS: Wednesday 7:00a-9:15a 11:30a-2:15p; all other days and times by appointment only.

OFFICE: Room 249

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CLASS MEETS: 9:15 am – 11:30 pm Wednesdays May 8 –June 12 Room 242 Winter Park Campus Credits: 3

REQUIRED TEXT: Environment 8th edition by Raven, Hassenzahl and Berg. And WileyPlus registration code; code comes with the purchase of a new textbook from the Winter Park Campus bookstore; If you purchase a used book you will need to purchase a registration code available through Wiley publishing at www.wileyplus.com

WileyPlus: This is an online tool that provides students with an integrated suite of learning resources in one easy to use website. WileyPlus is supported by your textbook publishers and includes an online version of your textbook.

During our first class (or before) you will need to self-register for this class using your WileyPlus access code. The registration information is posted on the content page of our course on Blackboard.

PRE AND COREQUISITES: None

WITHDRAWAL DEADLINE: The deadline for withdrawing from this class with a grade of W is Friday, May 31, 2013. Per Valencia Policy 4-07 (Academic Progress, Course Attendance and Grades, and Withdrawals), a student who withdraws from class before the established deadline for a particular term will receive a grade of “W.” A student is not permitted to withdraw after the withdrawal deadline. A faculty member MAY withdraw a student up to the beginning of the final exam period for violation of the class attendance policy. A student who is withdrawn by faculty for violation of the class attendance policy will receive a grade of “W.” Any student who withdraws or is withdrawn from a class during a third or subsequent attempt in the same course will be assigned a grade of “F.” For a complete policy and procedure overview on Valencia Policy 4-07 please go to: <http://valenciacollege.edu/generalcounsel/policydetail.cfm?RecordID=75>.

COURSE DESCRIPTION

General education non-lab course provides understanding of our interdependence with and responsibility for environment. Investigates such aspects of environment as pollution, urbanization, population trends and changes in lifestyle. Treats present and projected solutions to problems.

APPROACH

The approach to be used in this course will be based on the assumption that the students are intelligent and motivated. The course will be based on the textbook, Environment by Ravens et. al., and on supplemental environmental videos. Reading assignments will cover the entire book and the instructor will assume that the students read each assignment with comprehension; little time will be spent on lectures explaining things in the book. This will enable the class to go into considerably more depth in connecting the principles of environmental science to today’s environmental issues. Every student will be expected to be involved in every class.

LEARNING OUTCOMES FOR ENVIRONMENTAL SCIENCE:

The following learning outcomes describe what students should know, understand, and/or be able to do with their new knowledge at the end of this course.

Learning Outcomes

Assessments

Students will be able to explain man’s interdependence with and responsibility for the environment.	<ul style="list-style-type: none">• Quizzes• Online Assignments• Class Activities
Students will have an awareness of present and possible solutions to environmental problems concerning pollution,	<ul style="list-style-type: none">• Quizzes• Online Assignments

urbanization, population trends and changes in lifestyle.	<ul style="list-style-type: none"> • Class Activities
Students will exhibit college level communication and research skills, through the use of computer technology.	<ul style="list-style-type: none"> • Quizzes • Online Assignments • Class Activities
Students will exhibit the ability to think critically using the scientific method to problem solve.	<ul style="list-style-type: none"> • Quizzes • Online Assignments • Class Activities
Students will be able to work effectively on collaborative teams while recognizing and being respectful of cultural diversity	<ul style="list-style-type: none"> • Instructor observations

COMPETENCIES:

Valencia faculty defined four interrelated competencies (Value, Think, Communicate, Act) that prepare students to succeed in the world community. These competencies are outlined in the College catalog. This course will further develop your mastery of these core competencies through classroom lecture and discussion, group work, and class activities.

EVACUATION: Please make note of evacuation route from your classroom in case of emergency. Interpret all audible alarms as valid and act accordingly.

GRADING SCALE:

The final grade will be determined as a percentage of **total possible points** earned. Letter grades will be assigned according to the following scale:

A=90-100% B=80-89% C=70-79% D=60-69% F=Below 60%

GRADE COMPOSITION (approximate point values—subject to change)

1. WileyPlus assignments (24 x 10 = 240pts)
2. Class Activities including pre-class questions (6 x TBA pts)
3. Final Exam (100 points)

GRADING POLICIES:

If a student completes the final exam, the grade earned for the course will be recorded with the registrar. If a student decides to withdraw prior to the final exam, it is the student's responsibility to complete official procedures through the registrar's office.

1. No late or missed quizzes accepted
2. No makeup class activities
3. No late work accepted.
4. All information from textbook readings, discussion topics, supplemental videos, and class activities may appear on quizzes and tests. You are responsible for the material covered.
5. It is the student's responsibility to be informed of all assignment due dates including tests and quizzes.

ACADEMIC HONESTY:

1. Each student is expected to be in compliance with the college catalog and student handbook.
2. Any student who cheats on any assignment will receive a zero and may be subject to withdrawal from the class. Policy posted in classroom.

ATTENDANCE:

1. Students are expected to attend all classes.
2. Missed assignments cannot be made up.

HANDOUTS:

1. Some supplemental material will be handed out during class. All other materials will be posted on Blackboard.
2. If you are absent from the class when handouts are distributed, make arrangements to get them from another student or access them from Blackboard

CLASS ETIQUETTE/STUDENT CODE OF CONDUCT (See posting in classroom)

1. All cell phones must be silent during class.
2. Be respectful of others' right to learn.
3. Respect your classmates' right to have opinions that differ from your own.

SPECIAL NEEDS:

1. Students with disabilities who qualify for academic accommodations must provide a letter from the office for **Students with Disabilities (OSD)** and discuss specific needs with the professor, preferably during the first two weeks of class. The office for Students with Disabilities determines accommodations based on appropriate documentation of disabilities (Winter Park Campus, room 203; (407-582-6887).
2. Please follow the college policy relating to children on campus and make arrangements for childcare outside of classrooms or labs.
3. Valencia College is interested in making sure all our students have a rewarding and successful college experience. To that purpose, Valencia students can get immediate help with issues dealing with stress, anxiety, depression, adjustment difficulties, substance abuse, time management as well as relationship problems dealing with school, home or work. **BayCare Behavioral Health Student Assistance Program (SAP)** services are free to all Valencia students and available 24 hours a day by calling (800) 878-5470. Free face-to-face counseling is also available.

Blackboard 9.1:

This is our college online tool for accessing and managing our class communication and assignments. Once you have logged on to Blackboard with your Atlas user name and password you can access our class. When you click on our class you will be in the content area. The content area contains our syllabus, and class activities folder.

Class Activities:

Some of the class activities have a pre-activity question section that should be completed before you come to class. The remainder of the activity is to be completed in class and then handed in at the end of class. Class activities will be graded for accuracy and completeness.

Tools:

We will use the following tabs:

- “in class mail” to communicate with the instructor or other students in this class.
- “Announcements” for changes or updates to assignments and class.

Studying with Wileyplus: Wileyplus offers resources for every learning style. Take advantage of all the resources provided by the Wileyplus software...not just the assigned work. Under the “Read, Study, Practice” tab, select the chapter to study, then select “Browse by study objectives.” Work through all of the resources available. After completing the exercises determine which ones are most beneficial to your personal learning style and use them for reviewing prior to our class quizzes. The “practice” exercise will help you with interpreting and comprehending the wording of our quiz and exam questions.

WileyPlus Assignments:

These assignments are located on WileyPlus. You will login to WileyPlus to access these assignments. Go to the assignment tab for each chapter. Under this tab you will find the assigned work for that chapter. Complete the work online by the due date to receive credit. Each of these assignments is given credit based on level of completion (you must score 80% or better on the chapter quiz and 100% on all other assignments to receive full credit) See point allocation below

Completed all work	Completed most of the work	Completed 50% of the work	Completed less than 50%
10pts	8pts	5pts	0pts

DISCLAIMER:

The syllabus and course schedule is subject to change.

DATE	TENTATIVE LECTURE-DISCUSSION TOPICS	Class Activity
May 8 In class	Introduction to Course; Please bring a copy of our syllabus to class for review. Bring your textbook and/or Wileyplus access code	Personal environmental impact
May 9-14 Online/out of classwork	WileyPlus assignments: (Readings, powerpoint lecture, chapter quiz, Environmental Science basics topics for each chapter). Ch. 1 Wiley plus online homework due 5/10 Ch. 2 Wileyplus online homework due 5/11 Ch. 3 Wileyplus online homework due 5/12 Ch. 4Wileyplus online homework due 5/13 Ch. 5 Wileyplus online homework due 5/14	
May 15 In class	Ecosystems and populations Print out and bring to class; class activity: Ecosystem analysis	Ecosystem analysis
May 16-21 Online/out of class work	WileyPlus assignments Ch. 6 Wileyplus online homework due 5/17 Ch. 7 Wileyplus online homework due5/18 Ch. 8 Wileyplus online homework due 5/19 Ch. 9 Wileyplus online homework due 5/20 Ch. 10 Wileyplus online homework due 5/21	
May 22 In class	Energy Print out and bring to class; class activity: Energy	Energy Use
May 23-28 Online/out of class work	WileyPlus assignments Ch. 11 Wileyplus online homework due 5/24 Ch. 12 Wileyplus online homework due 5/25 Ch. 13 Wileyplus online homework due 5/26 Ch. 14 Wileyplus online homework due 5/27 Ch. 15 Wileyplus online homework due 5/28	
May 29 In class	Water Print out and bring to class; class activity: Water	Water Use
May 30-June 4 Online/out of class work	WileyPlus assignments Ch. 16 Wileyplus online homework due 5/31 Ch. 17 Wileyplus online homework due 6/1 Ch. 18 Wileyplus online homework due 6/2 Ch. 19 Wileyplus online homework due 6/3 Ch. 20 Wileyplus online homework due 6/4	
June 5 In class	Air pollution Print out and bring to class; class activity: Air pollution	Air pollution
June 6-11	WileyPlus assignments Ch. 21 Wileyplus online homework due 6/7 Ch. 22 Wileyplus online homework due 6/8 Ch. 23 Wileyplus online homework due 6/9 Ch. 24 Wileyplus online homework due 6/10	
June 12	Solid waste and recycling Print out and bring to class; class activity: Waste and Recycling Final Exam	Recycling