

BIOLOGY 121
ENVIRONMENTAL CONSERVATION

Dr. Moussa M. Diawara
Spring Semester 2008 – CSU-Pueblo

Office: 246 Life Sciences Bldg.
Office Hours: Mondays & Wednesdays 2:00 – 4:30 and by appointment
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Required Textbook: Sustaining the Earth, 8th Edition, Brooks/Cole Publishing Co., by G. T. Miller.
Lecture Room: LS 214
Lecture Hours: 1:00 - 2:20 Tuesdays & Thursdays

<i>Week</i>	<i>Date</i>	<i>Discussion Topic</i>	<i>Reading</i>
1	15 Jan	Introduction and overview	
	17 Jan	Environmental problems and their causes	Ch 1 (p. 5)
2	22 Jan	Science, matter and energy	Ch 2 (p. 20)
	24 Jan	Ecosystems and connections in nature	Ch 2 (p. 28)
3	29 Jan	Evolution and biodiversity	Ch 3 (p. 52)
	31 Jan	Exam 1	
4	5 Feb	Community ecology : Sustainability	Ch 4 (p. 70)
	7 Feb	Population Ecology	Ch 4 (p. 77)
5	12 Feb	Human population	Ch 5 (p. 84)
	14 Feb	Sustaining biodiversity : Ecosystem approach	Ch 6 (p. 108)
6	19 Feb	Sustaining biodiversity : Species approach	Ch 7 (p. 129)
	21 Feb	Exam 2	
7	26 Feb	Food, soil and pest management	Ch 8 (p. 148)
	28 Feb	Food, soil and pest management (Cont'd)	Ch 8 (p. 148)
8	4 March	Water resources	Ch 9 (p. 171)
	6 March	Water pollution	Ch 9 (p. 186)
9	11 March	Video	
	13 March	Exam 3	
10	18 March	Nonrenewable energy	Ch 10a (p. 201)
	20 March	Renewable energy	Ch 10b (p. 224)
11	24-28 March	<i>Spring Break</i>	
12	1 April	Environmental hazards and human health	Ch 11 (p. 237)
	3 April	Environmental hazards and human health (Cont'd)	Ch 11 (p. 237)
13	8 April	Exam 4	
	10 April	Air pollution	Ch 12 (p. 252)
14	15 April	Climate change	Ch 12 (p. 266)
14	17 April	Solid and hazardous wastes	Ch 13 (p. 283)
15	22 April	Solid and hazardous wastes (Cont'd)	Ch 13 (p. 283)
	24 April	Economics, politics and worldviews	Ch 14 (p. 300)
16	29 April	Final Exam* 1:00 - 3:20 <i>*Comprehensive: 50% from the topics covered before exam 4 50% from the topics covered after exam 4</i>	

Grading and Evaluation

Exams will be given in class on the days indicated above. The instructor reserves the right to change the date of exams if necessary, and will inform students in advance.

	Possible points
Exam I	100
Exam II	100
Exam III	100
Exam IV	100
Final	<u>200</u>
Total:	600

Everyone must take **all exams**. If you cannot take a given exam on the scheduled date for any valid reason (severe illness, death in the family, etc.), then you must contact me directly (*not* by e-mail) **before** the exam to make alternative arrangements. There will be NO MAKE-UP EXAMS given for any reason.

Final Course Grade: Total possible points = 600 points

Total Points Earned	% of Possible 600 Points	Final Grade*
540-600	90-100	A
480-539	80.0-89.9	B
420-479	70.0-79.9	C
360-419	60.0-69.9	D
0-359	<60	F

*The Department of Biology has not adopted a fractional grading policy.

Attendance Policy, Classroom Etiquette & Guidelines

Please arrive to class on time. Please turn cell phones and pagers OFF and do not talk during class. Attendance is your responsibility. If you miss class, you are still responsible for all material covered. Absence for sanctioned university events (athletics, etc.) must be reported to me in advance.

*A note on attendance: I strongly encourage you to attend EVERY class! Don't rely on your Blackboard notes to learn all the information that you will need to do well in the course. They are provided only as a *supplement*. There will be material that I cover in class that will not necessarily be in your Blackboard notes. Plus, you miss out on the opportunity to ask questions.

Academic Dishonesty

You are expected to be honest and ethical in your academic work. Academic dishonesty is subject to the disciplinary process outlined in the CSU-Pueblo Student Conduct Regulations. Academic dishonesty is defined as an intentional act of deception in one of the following areas:

- Cheating – use or attempted use of unauthorized materials, information or study aids.
- Fabrication – falsification or invention of any information.
- Assisting – helping another commit an act of academic dishonesty.
- Tampering – altering or interfering with evaluation instruments and documents.
- Plagiarism – representing the works or ideas of another person as one's own.

Accommodations:

This University abides by the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973, which stipulates that no student shall be denied the benefits of an education "solely by reason of a handicap." If you have a documented disability that may impact your work in this class and for which you may require accommodations, please see the Disability Resource Coordinator as soon as possible to arrange accommodations. In order to receive accommodations, you must be registered with and provide documentation of your disability to: the Disability Resource Office, which is located in the Psychology Building, Suite 232.