

Biology 104 Syllabus Fall 2009

Texts: Environmental Science by Wright and Nebel (9th or 10th Edition)

Easy Chemistry by Louis Casimir 9th or 10th Edition

Environmental Worksheets by Louis Casimir

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Course Objectives

Office hours 3:50-4:15 M-Th

1.To be able to teach an understanding for the environment .

2. To be able to teach some environmental and ecological principles.

3.To discuss some population economics and environmental health issues.

4. To teach conservation of food,land and biological resources.

5. To teach selected physical resources.

6. To present topics on society and the environment.

Course Outline

Week 1 8-31 Introduction to The Environment	Originof Life, Ethics,Metric,Planets
Week 2 9-8 Parts of the Earth(9-7Labor Day Holiday)	Atmosphere,Lithosphere and Hydrosphere
Week 3 9-14 Matter ,Energy and Life	Atomic Structure and Energy Concepts
Week 4 9-21 Biological Systems	Photosynthesis,Food Chains and Ecosystems
Week 5 9-28 Review and Test Preparation	General Reveiw (Two News Articles Due)
Week 6 10-5 Exam 1	
Week 7 10-12 Ecological Cycles and Species	ecological and species cycles
Week 8 10-19 Biomes	TundraTaiga, Temperate and Tropical Biomes
Week 9 10-20 Demography	Study of populations,economics and health
Week 10 10-26 Test 2	
Week 11 11-2	Library Reports Due and oral class reports

Week 12 11-9 Demography Part 2	Demographic Transitions and Industry
Week 13 11-16 Soil resources and Pest Control	Soil formation,erosion and conservation
Week 14 11-23 Water and Air Pollution	Common air and water pollutants
Week 15 11-30 Energy	Renewable and Nonrenewable
Week 16 12-7 Test Review and Selected Topics	Conservation Topics and Wildlife
Week 17 12-14 Final Exams	

note: points will be listed on blackboard for most assignments

Additional Requirements

excellent attendance

two news articles

a library report

class lessons

homework

Rules

no food

no children

no make up tests

no food in the classroom please

Grading Scale

A = 90- 100 %

B= 78-88%

C =68 -77%

D = 59- 67%

F = 0- 56%

News Articles Notes

An excellent news article consists of two different environmental topics.

A title,reference ,two or three paragraph summary and brief comments .

Library Report Notes

An excellent library report consists of information on one environmental issue.A maximum of

5-6 pages with a graph,table or diagram and details three references is usually and A or B paper.