

FIRST-YEAR LEARNING COMMUNITY 11

EARTH ISLAND: ENVIRONMENTAL ISSUES AND THEIR LITERARY PORTRAYALS

FALL, 2003 COURSE OUTLINES FOR ENVIRONMENTAL BIOLOGY (BI 110, Section FK, BI 110L Sections F1 and F2), LITERATURE AND THE ENVIRONMENT (EN 110, Section FK), and REFLECTIVE TUTORIAL (RFT[W], Sections K1 and K2)

UNIT 1: NATURE AND ETHICS

Week 1 (August 25–29, 2003)

Literature and the Environment (Monday and Wednesday, 3:00–4:30 pm, Main Hall, Room 7):

Aug 25th (Monday): Introduction. Bring packet. Alan W. Watts, excerpt, Nature, Man Woman; Tao Te Ching, .Recovering Our Roots;. Sound of Water, Sam Hamill.
and

Aug 27th (Wednesday): Bring packet and Hamill.

Environmental Biology Lecture (Tuesday and Thursday, 9:40–11:10 am, Main Hall, Room 8):

Aug 26th (Tuesday): Introduction: Sustainability, Stewardship, and Sound Science
(Wright and Nebel, Chapter 1)
Mysteries of Easter Island (video, 22 minutes)

Aug 28th (Thursday):

What We Must Have to Survive

Atoms, molecules, and chemical bonds (Wright and Nebel, Chapter 3, pp. 54–61; Wright and Nebel, Appendix C)

Energy and energy transformations necessary to construct biological molecules

necessary for survival (Wright and

Nebel, Chapter 3, pp. 54–61; Wright and Nebel, (Appendix C)

Understanding Atoms and Molecules (video, 22 minutes)

Environmental Biology Laboratory (Wednesday, 10:20 am – 12:20 pm or 12:40–2:40 pm, Megerle

Science Building, Room 405): Water Quality Testing: The Coliform Test
The Bacteria: Representatives of Kingdom (or Superkingdom)
Monera

Reflective Tutorial (Tuesday and Thursday, 11:20 am – 12:50 pm):

Aug 26th (Tuesday, joint meeting of both RFTs, Main Hall, Room 20):
Introduction to RFT and experiential components. Bring course packet.
Deadly Neighborhoods: Cancer Clusters (video, 24 minutes)
Description of the Toms River Project
Description of term research projects

Selection of research paper title

Assignment: Look over the library home page
(<http://wagner.edu/library/>) in preparation for August 28th
library/information retrieval orientation. Bring your student ID card
to
the Horrmann Library August 28th.

Aug 28th (Thursday, joint meeting of both RFTs, Horrmann Library;
bring student ID card):

Biographical profiles of members of Congress are due.

: hour library/information retrieval orientation A by Mr. Francis
Polizzi (Dr. Worthyís RFT)
: hour library/information retrieval orientation B by Mr. Dennis
Schaub (Dr. Stearnsís RFT)
: hour library/information retrieval orientation A by Mr. Dennis
Schaub (Dr. Worthyís RFT)
: hour library/information retrieval orientation B by Mr. Francis
Polizzi (Dr. Stearnsís RFT)

Week 2 (September 1–5, 2003; Monday is a holiday)

Literature and the Environment (Monday and Wednesday, 3:00–4:30 pm,
Main Hall, Room 7):

Sep 1st (Monday): Because Monday is a holiday, there is no Monday
class.

Sep 3rd (Wednesday):

Bring packet. Bill Devall, George Sessions, ìThe Literary
Tradition of Naturalism and Pastoralism in America;î Walt
Whitman, ìThere Was a Child Went Forth;î ìThis Compost;î ìSpontaneous
Me.î (packet).

Environmental Biology Lecture (Tuesday and Thursday, 9:40–11:10 am,
Main Hall, Room 8):

Sep 2nd (Tuesday):

What We Must Have to Survive (continued)

Biological molecules (and their atoms) necessary for survival and how they

enhance survival

CHON and minor elements

Carbohydrates

Lipids

Proteins

Nucleic acids

Nonbiological molecules necessary for survival and how they enhance survival

Water

Salts

Sep 4th (Thursday):

How We Survived in the Past Darwinian evolution: natural selection of individuals, evolution of populations (Wright and Nebel, Chapter 5)

Humans

through evolutionary time (Wright and Nebel, Chapter 2, pp. 47–49)

Environmental Biology Laboratory (Wednesday, 10:20 am – 12:20 pm or 12:40–2:40 pm, Megerle

Science Building, Room 405): Results and discussion of the lab exercises begun during Week 1 Water Quality Testing:

Dissolved Oxygen

Reflective Tutorial (Tuesday and Thursday, 11:20 am – 12:50 pm):

Sep 2nd (Tuesday, Dr. Stearns' RFT, Horrmann Library):

Supervised library research

Sep 2nd (Tuesday, Dr. Worthy's RFT, in front of Horrmann Library)

Read all material on Park Slope Food Coop (Park Slope Food Coop, "Park Slope Food Coop Mission Statement" Richard

A. Kaye, "Tie-Dyed Food"; Alex Lesman, "Reduce, Re-use, and Recycle: The Coop's Environmental Policies and Practices"; Park Slope Food Coop, "Frequently Asked Questions [packet]").

Field trip to Park Slope Food Coop

Sep 4th (Thursday, Dr. Stearns' RFT, in front of Horrmann Library):

Read all material on Park Slope Food Coop (Park Slope Food Coop, "Park Slope Food Coop Mission Statement"; Richard

A. Kaye, "Tie-Dyed Food"; Alex Lesman, "Reduce, Re-use, and Recycle: The Coop's Environmental Policies and Practices"; Park Slope Food Coop, "Frequently Asked Questions" [packet]).

Field trip to Park Slope Food Coop

Sep 4th (Thursday, Dr. Worthy's RFT, Horrman Library):
Supervised library research

Week 3 (September 8-12, 2003)

Literature and the Environment (Monday and Wednesday, 3:00-4:30 pm, Main Hall, Room 7):

Sep 8th (Monday): Henry David Thoreau, Walden, "Sounds"; "Solitude." (packet).

Sep 10th (Wednesday): Edward O. Wilson, "Letter to Thoreau"; "Wild, Fearsome World Under Each Fallen Leaf" (packet). Sut Jhally, "Advertising and the End of the World" (video).

Environmental Biology Lecture (Tuesday and Thursday, 9:40-11:10 am, Main Hall, Room 8):

Sep 9th (Tuesday):

How Our Survival Methods Eventually Became Unsustainable Exponential growth and sustainability (Wright and Nebel Chapter 4, pp. 83-86, 102-104;

Wright and Nebel, Chapter 6, pp. 137-150) When the environment's resources

do not meet the needs of the population: the example of Rapa Nui (Easter

Island) (Wright and Nebel, Chapter 1, pp. 2-4)

No Darwinian imperative to safeguard the human species as a whole
Overpopulation, overconsumption, and the biosphere's carrying capacity (Wright

and Nebel, Chapter 12, pp. 292-294)

The fallacy of praying to the god of technology

Sep 11th (Thursday):

Why We Cannot Continue Using Unsustainable Methods If We Wish to Survive

Indefinitely as a Species; Living communities and finite primary production by

the biosphere (Wright and Nebel, Chapter 2, pp. 25-46)

Natural Connections (video, 57 minutes)

Environmental Biology Laboratory (Wednesday, 10:20 am – 12:20 pm or 12:40–2:40 pm, Megerle Science Building, Room 405): Wastewater Treatment (Field trip to wastewater treatment facility)

Air Pollution

(Smoking surveys due at beginning of Week 4 lab)

Reflective Tutorial (Tuesday and Thursday, 11:20 am – 12:50 pm):

Sep 9th (Tuesday, joint meeting of both RFTs, Main Hall, Room 20): Discussion of logic, bias, and baloney: *How Thinking Goes Wrong* (packet); Discussion of *Des Jardins*, Environmental Ethics, Chapter 2, *Ethical Theory and the Environment*; Chapter 4, *Responsibilities to Future Generations*:

Population and Consumption.
Discussion of short paper 1 (Toms River), plagiarism, writing standards, common errors. Bring Diana Hacker, *A Writer's Reference*.

Sep 10th (Wednesday, 7:00–9:00 pm, Spiro Hall, Room 4): Screening of 2-hour documentary (*Trade Secrets*) for those who have not yet seen it in Horrman Library

Sep 11th (Thursday, joint meeting of both RFTs, Main Hall, Room 20): Discussion of the documentary *Trade Secrets*

UNIT 2: ECOLOGY, POLLUTION, AND SPIN

Week 4 (September 15–19, 2003)

1st draft of RFT research paper is due under Dr. Stearns' office door no later than 3:00 pm, Monday, September

15th.

Review of 1st draft of RFT research paper during week of September 15th (arranged by individual appointment with Dr. Stearns)

Literature and the Environment (Monday and Wednesday, 3:00–4:30 pm,

Main Hall, Room 7):

Sep 15th (Monday): ACE presentation by Dr. Sut Jhally (required for all students

in this learning community, 3:00–4:30 pm, Spiro Hall, Room 2, presentation title to be announced)

Sep 17th (Wednesday): Arthur Miller/Henrik Ibsen, An Enemy of the People, Acts I and II

Environmental Biology Lecture (Tuesday and Thursday, 9:40–11:10 am, Main Hall, Room 8):

Sep 16th (Tuesday):

Why We Cannot Continue Using Unsustainable Methods If We Wish to Survive

Indefinitely as a Species (continued) Natural ecosystems and the services they

provide us (Wright and Nebel, Chapter 12, pp. 287–292) Net depletion of

renewable resources as demand for them increases

Fisheries (Daniel Pauly and Reg Watson, "Counting the Last Fish" [packet];

Wright and Nebel, Chapter 12, pp. 300–307) Forests (Wright and Nebel, Chapter

12, pp. 296–300, 307–310) Soil (Wright and Nebel, Chapter 8) Potable water

(Wright and Nebel, Chapter 9)

Sep 18th (Thursday):

Why We Cannot Continue Using Unsustainable Methods If We Wish to Survive

Indefinitely as a Species (continued)

Depletion of nonrenewable energy resources as demand for them increases

(Michael E. Long, "The Lethal Legacy of America's Nuclear Waste" [packet];

Teal Krech, "Nuclear Waste Makes Waste" [packet]; Wright and Nebel, Chapters 13 and 14) Depletion of nonrenewable, nonfuel minerals as demand

for them increases; Conflict and warfare over limited resource;

Politics of Water (from Troubled Waters) (audiotape, 22 minutes)

Summary of Environmental Topics to Date

Environmental Biology Laboratory (Wednesday, 10:20 am – 12:20 pm or 12:40–2:40 pm, Megerle

Science Building, Room 405):

Air Pollution and the Human Respiratory System

Smoke But no Fire (video)

Review for written lab exam

Reflective Tutorial (Tuesday and Thursday, 11:20 am – 12:50 pm):

Sep 16th (Tuesday, joint meeting of both RFTs, Main Hall, Room 20):
Discussion of Des Jardins, Chapter 3, "Ethics and Economics" and Chapter 4,
"Responsibilities to Future Generations: Population and Consumption";
Paul
and Elder, Critical Thinking, Ch. 14, "Developing As an Ethical Reasoner."

Sep 18th (Thursday, joint meeting of both RFTs, Main Hall, Room 20):
Discussion of Toxic Sludge is Good for You (video, 45 mins.), and
Stauber and Rampton, "Introduction"; Chapter 1, "Burning Books Before
They're Printed"; Chapter 2, "The Art of the Hustle"; Chapter 8, "The
Sludge
Hits the Fan."
(packet).

Distribution of The Thinker's Guide for Conscientious Citizens on How
to
Detect Media Bias & Propaganda in National and World News

Week 5 (September 22–26, 2003)

Literature and the Environment (Monday and Wednesday, 3:00–4:30 pm,
Main Hall, Room B7):
Sep 22nd (Monday): Arthur Miller/Henrik Ibsen, Act III

Sep 24th (Wednesday): Ibsen (continued)

Environmental Biology Lecture (Tuesday and Thursday, 9:40–11:10 am,
Main Hall, Room 8):
Sep 23rd (Tuesday): Why We Cannot Continue Using Unsustainable Methods
If We Wish to Survive

Indefinitely as a Species (continued)
Pollution and human health
What is pollution (molecular nature, concentration

exposure time)? (Wright and Nebel, Chapter 16,
pp. 398–400)
How is it that thousands of untested,

manufactured chemicals are purposely put in our
environment?

Water pollution (Wright and Nebel, Chapter 18)

Sep 25th (Thursday): Why We Cannot Continue Using Unsustainable Methods If We Wish to Survive

Indefinitely as a Species (continued)

Pollution and human health (continued)

Air pollution

Outdoor air pollution (Wright and Nebel, Chapter 22)

Smog (Devra Davis, "The Heavy Air of Donora, Pa.")

[packet]; Wright and Nebel, Chapter 22, pp. 537-549, 555-559, 561-563)

Acid deposition (Wright and Nebel, Chapter 22, pp.

549-555, 559-561)

Environmental Biology Laboratory (Wednesday, 10:20 am - 12:20 pm or 12:40-2:40 pm, Megerle Science Building, Room 405): Due to lab exam, there is no laboratory exercise this week.

Written laboratory exam 1 (Week 1 through Week 4, Wednesday, September 24th, 12:40-2:40 pm, Spiro Hall, Room 2)

Reflective Tutorial (Tuesday and Thursday, 11:20 am - 12:50 pm):

Sep 23rd (Tuesday, joint meeting of both RFTs, Main Hall, Room 20): Discussion of article, "Report By E.P.A. Leaves Out Data on Climate Change"; "The Citizen-Scientist's Obligation to Stand Up for Standards."

(packet); and "Making Policy at the Intersection of Science and Politics."

(audiotape, 20 minutes).

Sep 25th (Thursday, joint meeting of both RFTs, Main Hall, Room 20): Discussion of article, "Congress Online: Much Sizzle, Little Steak" (packet). Writing and MLA documentation. Bring A Writer's Reference.

Sep 26th (Friday, departure location to be announced, 7:30 am. required for all LC-11 students): Departure for all-day trip to Toms River, for morning introduction and afternoon interviews of Toms River citizens and others, returning to campus before 7:30 pm

Week 6 (September 29 - October 3, 2003)

Literature and the Environment (Monday and Wednesday, 3:00–4:30 pm, Main Hall, Room 7):

Sep 29th (Monday): Bill Bryson, *A Walk in the Woods*, Chapters 1–4.

Oct 1st (Wednesday): Bryson, Chapters 6–12.

Environmental Biology Lecture (Tuesday and Thursday, 9:40–11:10 am, Main Hall, Room 8):

Oral lecture exam 1 (Introduction through Week 4's Summary of Environmental Topics to Date, including assigned readings; exam during the week arranged by appointment with Dr. Stearns)

Sep 30th (Tuesday): Why We Cannot Continue Using Unsustainable Methods If We

Wish to Survive Indefinitely as a Species (continued)

Pollution and human health (continued)

Air pollution (continued)

Outdoor air pollution (continued)

Global climate change (Wright and Nebel, Chapter 21,

509–528;

Curt Supplee, *Untangling the Science of Climate*

[packet])

Oct 2nd (Thursday): Why We Cannot Continue Using Unsustainable Methods If We

Wish to Survive Indefinitely as a Species (continued)

Pollution and human health (continued)

Air pollution (continued)

Outdoor air pollution (continued)

Stratospheric ozone depletion

(Wright and Nebel, Chapter 21, pp. 528–534)

Indoor air pollution

Environmental Biology Laboratory (Wednesday, 10:20 am – 12:20 pm or 12:40–2:40 pm, Megerle

Science Building, Room 405. No laboratory exercise this week):

Because there will be an oral lecture exam this week for Environmental Biology, there will be no laboratory exercise. Please use your time wisely.

Reflective Tutorial (Tuesday and Thursday, 11:20 am – 12:50 pm):

Sep 30th (Tuesday, joint meeting of both RFTs, Main Hall, Room 20):

Discussion of Des Jardins, Chapter 5, 'Responsibilities to the Natural World: From Anthropocentric to Nonanthropocentric Ethics'; Chapter 7, 'Biocentric Ethics and the Inherent Value of Life..

Oct 2nd (Thursday, joint meeting of both RFTs, Main Hall, Room 20): Discussion of Paul and Elder, Critical Thinking, Chapter 8, 'Designing Your Own Learning..

Oct 3rd (Friday): 2nd draft of RFT research paper is due under Dr. Stearns' office door no later than 10:00 am, Friday, October 3rd .

Letter to members of Congress stating your personal position on an environmental issue is due under Dr. Stearns' office door with 2nd draft of RFT research paper.

Worthington State Forest camping trip. Meet behind Megerle Science Building, 10:00 a.m.

Week 7 (October 6-10, 2003)

Review of 2nd draft of RFT research paper and letter to members of Congress during week of October 6th (arranged

by individual appointment with Dr. Stearns)

Literature and the Environment (Tuesday and Wednesday, 3:00-4:30 pm, Spiro Hall, Room 4 [Note

new location]):

Oct 6th (Monday): Erin Brockovich

Oct 8th (Wednesday): Erin Brockovich

Environmental Biology Lecture (Tuesday and Thursday, 9:40-11:10 am, Main Hall, Room 8):

Oct 7th (Tuesday): Why We Cannot Continue Using Unsustainable Methods If We

Wish to Survive Indefinitely as a Species (continued)

Pollution and human health (continued)

Land pollution

Synthetic chemical pollutants (Wright and

Nebel, Chapter 17)

Solid waste disposal (Wright and Nebel, Chapter 19)

Oct 9th (Thursday): Why We Cannot Continue Using Unsustainable Methods If We

Wish to Survive Indefinitely as a Species (continued)
Pollution and human health (continued)
Disposal of hazardous wastes (Wright and Nebel,

Chapter 20)

Environmental Biology Laboratory (Wednesday, 10:20 am – 12:20 pm or 12:40–2:40 pm, Megerle Science Building, Room 405): Air Pollution: Acid Rain
Acid Rain: Requiem or Recovery (video, 27 minutes)

Reflective Tutorial (Tuesday and Thursday, 11:20 am – 12:50 pm, Main Hall, Room 20):
Oct 7th (Tuesday): English 110 paper 1 is due. Bring three copies and Hacker's A Writer's Reference.

Peer editing

Oct 9th (Thursday): Discussion of Des Jardins, Chapter 8, "Wilderness, Ecology and

Ethics".

Discussion of Paul and Elder, Critical Thinking, Chapter 12, "Taking Charge of Irrational Tendencies.

Week 8 (October 13–17, 2003; Monday is a holiday; Monday schedule on Tuesday)

Literature and the Environment (Monday and Wednesday, 3:00–4:30 pm, Main Hall, Room 7):

Oct 14th (Tuesday): Review for midterm exam.

Oct 15th (Wednesday): Midterm exam

Environmental Biology Lecture (Tuesday and Thursday, 9:40–11:10 am, Main Hall, Room 8):

Oct 14th (Tuesday): No BI 110 class today.

Oct 16th (Thursday): Why We Cannot Continue Using Unsustainable Methods If We

Wish to Survive Indefinitely as a Species (continued)
Pollution and human health (continued)
Food production and distribution (Wright and

Nebel, Chapter 10)

Environmental Biology Laboratory (Wednesday, 12:30–3:00 pm, Main Hall Media Room [4th floor]):

For English midterm exam: Silkwood. 'Frontline: The Karen Silkwood Story'(packet).

Reflective Tutorial (Tuesday and Thursday, 11:20 am – 12:50 pm):

Oct 14th (Tuesday, joint meeting of both RFTs, Main Hall, Room 20):

Monday schedule. No RFT meeting today.

Oct 16th (Thursday, joint meeting of both RFTs, Main Hall, Room 20):

Letter to members of Congress is due (draft with WIT's signature).

Critical Thinking Log is due.

Discussion of trip to Washington, D.C.

Paul and Elder, Critical Thinking, Chapter 13, 'Monitoring Your Sociocentric Tendencies.'

Week 9 (October 20–24, 2003)

3rd draft of RFT research paper is due under Dr. Stearns' office door no later than 5:00 pm, Monday, October 20th.

Review of 3rd draft of RFT research paper and latest draft of letter to members of Congress during week of October 20th (arranged by individual appointment with Dr. Stearns)

Literature and the Environment (Monday and Wednesday, 3:00–4:30 pm, Main Hall, Room 7):

Oct 20th (Monday): Rick Bass, 'The Sky, the Stars, the Wilderness'(91–124).

Revised English 110 paper 1 is due.

Oct 22nd (Wednesday): Bass, 'The Sky, the Stars, the Wilderness'(91–124).

Environmental Biology Lecture (Tuesday and Thursday, 9:40–11:10 am, Main Hall, Room 8):

Oct 21st (Tuesday): Why We Cannot Continue Using Unsustainable Methods If We

Wish to Survive Indefinitely as a Species (continued)

Pollution and human health (continued)
The scientific method and its failure to determine

causation in real, multivariate situations (Wright
and Nebel, Chapter 1, pp. 14-18)

Oct 23rd (Thursday): Scientific Spin Doctors (video, 29 minutes)
Summary of Environmental Topics to Date

Environmental Biology Laboratory (Wednesday, 10:20 am - 12:20 pm or
12:40-2:40 pm, Megerle

Science Building, Room 405):
Air Pollution: Acid Rain
Air Pollution: Effect of Air Pollutants on Various Materials
Air Pollution: Temperature Inversion

Reflective Tutorial (Tuesday and Thursday, 11:20 am - 12:50 pm):
Oct 21st (Tuesday, joint meeting of both RFTs, Main Hall, Room 20):
Discussion of Paul and Elder, Critical Thinking, Chapter 10,
iMaking Decisions..

Critical Thinking Log is due.

Oct 23rd (Thursday, joint meeting of both RFTs, Main Hall, Room 20):

New Media Ownership Rules (from Now with Bill Moyers, June
13, 2003) (video, 15 minutes); Paul and Elder, Critical Thinking,
Chapter 11, iSolving Problems.

Three revised, final, signed copies of the letter.one for each of
your three representative members of Congress, are due in
RFT class (to Dr. Stearns).

Discussion of letters

UNIT 3: INNOVATIONS AND OPPORTUNITIES

Week 10 (October 27-31, 2003; Monday and Tuesday are part of Fall
Break)

Literature and the Environment (Monday and Wednesday, 3:00-4:30 pm,
Main Hall, Room 7):

Oct 27th (Monday): Monday is part of Fall Break, so there is no Monday
class.

Oct 29th (Wednesday): Due to Washington, D.C. trip, there is no Wednesday class.

Environmental Biology Lecture (Because of the holiday, the Tuesday lecture is canceled. Because of the class trip to Washington, D.C., the Thursday lecture is canceled.)

Environmental Biology Laboratory (Wednesday, 10:20 am – 12:20 pm or 12:40–2:40 pm, Megerle Science Building, Room 405): Due to Washington, D.C. trip, there is no laboratory this week.

Reflective Tutorial (Thursday, 11:20 am – 12:50 pm):

Oct 28th (Tuesday): Tuesday is a holiday.

Oct 29th (Wednesday): Departure for Washington, D.C. Wednesday morning, October

29th (specific time and place to be announced), returning late Thursday evening, October 30th

Oct 30th (Thursday): Due to Washington, D.C. trip, there is no Thursday class.

Week 11 (November 3–7, 2003)

Literature and the Environment (Monday and Wednesday, 3:00–4:30 pm, Main Hall, Room 7):

Nov 3rd (Monday): Rick Bass, *The Sky, the Stars, the Wilderness*. (pages 124–190).

Nov 5th (Wednesday): Bass, *The Sky, the Stars, the Wilderness*. (pages 124–190); and

Bass, *The Thirty Years' War*. (packet).

Environmental Biology Lecture (Tuesday and Thursday, 9:40–11:10 am, Main Hall, Room 8):

Oral lecture exam 2 (Week 5's Pollution and Human Health through Week 9's Summary of Environmental Topics to Date, including assigned readings; exam during the week arranged by appointment with Dr. Stearns)

Nov 4th (Tuesday): A Closer Look At Sustainability

What sustainability is and what it is not (Wright and Nebel, Chapter 24, p. 600)

Economic indicators versus quality of life/sustainability

indicators (Wright and Nebel, Chapter 23, pp. 569–587)
Nov 6th (Thursday): Approaching Sustainability as the Only Viable
Option for
Continued Human Survival
Living a philosophy of sustainability

Philosophical approaches towards sustainability:
environmental world views (Wright and Nebel,
Chapter 12, pp. 310–311; Wright and Nebel,
Chapter 24, pp. 610–614)

Considering having children from a quality-of-life,
sustainable approach
Being a healthy skeptic in an overconsumptive
society

Environmental Biology Laboratory (Wednesday, 10:20 am – 12:20 pm or
12:40–2:40 pm, Megerle
Science Building, Room 405): Toxicity testing

Reflective Tutorial (Tuesday and Thursday, 11:20 am – 12:50 pm):
Nov 4th (Tuesday, joint meeting of both RFTs, Main Hall, Room 20)
Discussion of Des Jardins, Chapter 9, 'The Land Ethic'; Chapter
10, 'Deep Ecology.'
Nov 6th (Thursday, joint meeting of both RFTs, Main Hall, Room 20)
Discussion of Paul and Elder, Critical Thinking, Chapter 17,
'Strategic Thinking, Part One..

Critical Thinking Log is due.

Week 12 (November 10–14, 2003)
Final draft of RFT research paper is due under Dr. Stearns'
office door no later than 5:00 pm, Tuesday, November 11th.

Literature and the Environment (Monday and Wednesday, 3:00–4:30 pm,
Main Hall, Room 7):
Nov 10th (Monday): Susan Griffin, Eros and Everyday Life, 'Beyond.'
(packet).
Nov 12th (Wednesday): Discussion of Des Jardins, Chapter 11, 'Social
Ecology and

Ecofeminism.'

Environmental Biology Lecture (Tuesday, 9:40–11:10, Main Hall, Room 8
and Thursday, 11:20 am

12:50 pm, Main Hall, Room 20 [note new time and place for this day only]):

Nov 11th (Tuesday, Main Hall, Room 8):

Approaching Sustainability as the Only Viable Option for Continued Human Survival (continued)

Human management of world human population (Wright and Nebel, Chapter 7)

Human management of overconsumption

Six Billion and Beyond (video, 56 minutes) (Six Billion and Beyond: Case Studies from the Film [packet])

Nov 13th (Thursday, 11:20 am – 12:50 pm, Main Hall, Room 20):

Approaching Sustainability as the Only Viable Option for Continued Human Survival (continued)

The importance of political involvement with a focus on sustainability (Wright and Nebel, Chapter 23, pp. 587–590)

Influencing the shaping of environmental public policy in the U.S.

The influence of individual expression through voting, polls, correspondence, meetings, and contributions

The influence of special interest groups through lobbying and contributions

Environmental Biology Laboratory (Wednesday, 10:20 am – 12:20 pm or 12:40–2:40 pm, Megerle

Science Building, Room 405): Alternative power sources and renewable energy (Lawrence D.

Burns, J. Byron McCormick, and Christopher E. Borroni-Bird, "Hydrogen Fuel-Cell Cars Could be the Catalyst for a Cleaner Tomorrow.

[packet]; Chris Dixon, "Recipe for Car Power: Heat Vegetable Oil, Flip Switch and Go!" [packet]; Anita Hamilton, "Why Hybrids are Hot. [packet])

Alternative Power Sources and Renewable Energy (video, 22 minutes)

Reflective Tutorial (Tuesday, 11:20 am – 12:50 pm, Main Hall, Room 20 and Thursday, 9:40–11:10

am, Main Hall, Room [note new time and place for this day only]):

Nov 11th (Tuesday): Writing assignment: Paul and Elder, Critical Thinking, 16.1 page 300; 16.7, page 315.

Combined RFT sections (Group B) meet in Main Hall, Room 20, to plan web pages.

Nov 13th (Thursday, 9:40–11:10 am):

Both RFT sections meet with Professor Doug Frost in the Spiro Computation Center, Lab C, for web page workshop.

Nov 10–14, 17–19: Required attendance at Indian Wants the Bronx (Harbor View Hallís Gatehouse Lounge, specific performance night for this learning community to be announced).

Week 13 (November 17–21, 2003)

Literature and the Environment (Monday and Wednesday, 3:00–4:30 pm, Spiro Hall, Room 4 [Note new location]):

Nov 17th (Monday): Princess Mononoke

English 110 paper 2 is due.

Nov 19th (Wednesday): Princess Mononoke; Discussion, Princess Mononoke: Fantasy,

the Feminine, and the Myth of Progressí.(packet).

Environmental Biology Lecture (Tuesday and Thursday, 9:40–11:10 am, Main Hall, Room 8):

Nov 18th (Tuesday): Approaching Sustainability as the Only Viable Option for

Continued Human Survival (continued)

The importance of political involvement with a focus on

sustainability (continued)

Supporting environmental public policy that encourages the invention, distribution, and use of technologies that address sustainability without unduly polluting the environment or endangering

human health

Nov 20th (Thursday): Approaching Sustainability as the Only Viable Option for

Continued Human Survival (continued)

Hopeful, true stories: the use of appropriate technologies and environmental public policy to approach sustainability

Examples involving individuals
Examples involving corporations
Examples involving communities (Wright and

Nebel, Chapter 24, pp. 593–594, 604–610)

Environmental Biology Laboratory (Wednesday, 10:20 am – 12:20 pm or 12:40–2:40 pm, Megerle Science Building, Room 405): Due to lab exam, there is no laboratory exercise this week.

Written laboratory exam 2 (Week 5 through Week 12; Wednesday, November 19th, 12:40–2:40 pm, Spiro Hall, Room 2)

Reflective Tutorial (Tuesday, 11:20 am – 12:50 pm):

Nov 18th (Tuesday): Both RFT sections meet with Professor Doug Frost in the Spiro Computation Center, Lab C, for web page workshop and final chance to prepare web pages with supervision.

Critical Thinking Log is due.

Nov 20th (Thursday, Main Hall, Room 20):
Discussion of business ethics led by LC 2 (Business and Morality)

Week 14 (November 24–28, 2003; Wednesday, Thursday and Friday are holidays)

Literature and the Environment (Monday and Wednesday, 3:00–4:30 pm, Main Hall, Room 7):

Nov 24th (Monday): Gary Snyder from *ìAxe Handles*. (packet).

Nov 26th (Wednesday): Wednesday is a holiday, so there will be no Wednesday class.

Environmental Biology Lecture (Tuesday and Thursday, 9:40–11:10 am, Main Hall, Room 8):

Nov 25th (Tuesday): Approaching Sustainability as the Only Viable Option for Continued Human Survival (continued)

Hopeful, true stories: the use of appropriate technologies and environmental public policy to approach sustainability (continued)

Examples involving states
Examples involving nations
Examples involving international cooperation

Nov 27th (Thursday):
Thanksgiving holiday; no class

Environmental Biology Laboratory (Wednesday, 10:20 am – 12:20 pm or
12:40–2:40 pm, Megerle
Science Building, Room 405): Due to the holiday, there is no
laboratory exercise this week.

Reflective Tutorial (Tuesday and Thursday, 11:20 am – 12:50 pm):
Nov 25th (Tuesday, joint meeting of both RFTs, Main Hall, Room 20):

RFT short paper is due. Bring three copies and
Hacker's A Writer's Reference.
Peer editing
Nov 27th (Thursday): Thanksgiving holiday; no class

Week 15 (December 1–5, 2003; Tuesday is the last day of class)

Literature and the Environment (Monday and Wednesday, 3:00–4:30 pm,
Main Hall, Room 7):
Dec 1st (Monday): Review for final exam.
Dec 3rd (Wednesday): Tuesday is the last day of class; there is no
Wednesday class.

Environmental Biology Lecture (Tuesday lecture occurs as usual,
9:40–11:10 am, Main Hall, Room 8;
no Thursday lecture is scheduled):

Dec 2nd (Tuesday):
General Summary
Summary of Environmental Topics to Date
Green Pacts and Greenbacks (video, 26 minutes)

Dec 4th (Thursday):
Thursday is not a class day.

Environmental Biology Laboratory (Wednesday, 10:20 am – 12:20 pm or
12:40–2:40 pm, Megerle
Science Building, Room 405): Due to end of classes, there is no

laboratory exercise this week.

Reflective Tutorial (Tuesday, 11:20 am – 12:50 pm):
Dec 2nd (Tuesday, joint meeting of both RFTs, Main Hall, Room 20):
Paul and Elder, Critical Thinking, Chapter 18, .Strategic Thinking,
Part Two;. Chapter 19, .Becoming an Advanced Thinker..

Final version of web page is due.
Critical Thinking Log is due.

Dec 4th (Thursday):
Thursday is not a class day.

Final Exam Period (December 8–12, 2003)

Literature and the Environment:

Dec 8th (Monday, 3:00–6:00 pm, Main Hall, Room 7):
Written final exam (Emphasis on Week 9 through Week 15 but
will be a comprehensive final)

Reflective Tutorial:

Dec 9th (Tuesday, 11:20 am – 2:20 pm, the Horrmann Library Study
Center [basement of
Horrmann Library].required for all students in this learning
community):
Web page presentations of The Environmental Public Policy
Project, using multimedia projector. Pizza party.

Environmental Biology Lecture:

Dec 11th (Thursday, 9:40–12:40, Spiro Hall, Room 2):
Written final exam (Emphasis on Week 11 through Week 15
but will be a comprehensive final)