



The Environment
& Human Health

Winter Quarter 2005
L-212
Bellevue Community College



ENVSC 296: Lesson No. 1



Course
Introduction

January 3, 2005

Sandy Rock &
Chuck Treser

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Lesson Overview

- ❖ Introductions
- ❖ The Course
 - Syllabus
 - Textbooks & Other Materials
 - Course Mechanics
- ❖ Setting the Stage


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Introductions

- ❖ Instructors
- ❖ TAs
- ❖ You

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Instructors



- ❖ Chuck Treser
 - Senior Lecturer, DEOHS & PoE
 - E-179A Health Sciences Center
 - Office Hours: 9:00 - 11:00 MWF
 - Email: ctreser@u.washington.edu
 - Phone: 206-616-2097

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Instructors



- ❖ Dr. L. B. Sandy Rock
 - Instructor, Enc. Science
 - B-146, BCC
 - Office Hours: By Appointment
 - Email: srock@bcc.ctc.edu
 - Phone: 425-564-6181

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About the Course

- ❖ Class Format
- ❖ Syllabus
- ❖ Lecture Notes
- ❖ Sections
 - > Discussions
 - > Case Studies
- ❖ Themes

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Format

- ❖ Lectures / Discussion
 - > Mondays & Thursdays
 - > 2:30 p.m. - 4:20 p.m
 - > Generally:
 - First half - lectures
 - Break
 - Second half - exercise / discussion

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Syllabus

- ❖ Electronic Version:
 - > <http://courses.washington.edu/envsc296/>
 - > Kept current
- ❖ Print Version
 - > By request

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Textbooks

- ❖ Yassi, A. *Basic Environmental Health*, WHO/UNEP, 2001
- ❖ Handouts / Articles


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Lecture Notes

- ❖ Posted to the web as a PDF document
 - For taking notes (3 slides/page)
- ❖ <http://courses.washington.edu/envir296/Schedule.htm>

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Questions



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Definition

Environmental health is . . .
the study of the *adverse effects* of
environmental factors and conditions
on *human health and well-being*
and the
development and implementation of
prevention and control strategies and programs.

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The Beholding Eye

- ❖ Make observations from an outside location
- ❖ Note observations on a card
- ❖ Compare the observations
 - > Categories
 - > Subjective appraisal
 - > Use all senses
- ❖ Notice how our background/ experiences influence what and how we "see".

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Critical Thinking

- ❖ Look carefully at what is being said
- ❖ What(Who) is the source?
 - > Is it(s/he) credible?
- ❖ Examine the argument:
 - > Is it logical?
 - > Is it internally consistent?
 - > What data supports it?
 - > What data argues against it?

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Scientific Method

- ❖ Observations:
- ❖ Hypothesis:
 - > Guess at explaining / answering question
- ❖ Methods
 - > How can the hypothesis be tested:
 - > What materials are needed
- ❖ Results
 - > Confirm or refute the hypothesis
- ❖ Conclusions
 - > Qualifications / cautions
 - > Additional questions that need answered

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Next Lesson

Themes & Overarching Concepts

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