Course Description
This course is 3 units and meets from 1:00 – 1:50 on MWF in San Ramon 6, Room 12. The content of the course considers the relationship between chemical, physical, and biological factors in the environment and the health of human populations. Discussion is focused on how we can manipulate or control the environment to prevent human injury and illness. Topics covered include air pollution, water pollution, solid and hazardous waste, noise, radiation, food protection, toxic chemicals, disease control, and pests and pesticides. This course is web enhanced and requires that all students have Internet access and functioning email accounts.

Prerequisites
None

Course Goals and Objectives
The primary goal of this course is to provide the student with a conceptual understanding of how hazards are controlled for several key areas of concern in environmental health. Upon completion of this course, the student will be able to:

- Identify environmental factors that can negatively influence human health.
- Describe appropriate control methods for several different types of environmental hazards.
- Analyze the significance and validity of environmental health issues presented in the media and on the web.
- Develop a more informed opinion on controversial environmental health issues and proposed/enacted environmental health legislation.

Required Text

Examinations
There will be three exams (including the final), each worth 100 points, for an exam total of 300 points. The exams will each have 30-40 multiple-choice questions (each worth 2 points) and fill-in, short answer, or short essay questions worth 20-40 points. Students are required to provide a Scantron for the multiple-choice portion of each exam.
Exams will cover all written, online and oral materials presented in class. Expect about 80% of the exam to come from class lecture and discussion and 20% to come from the required reading and assigned handouts.

Students are expected to take the exams at the times and dates outlined in the schedule below. In the rare event that an emergency should arise, the student MUST notify me (by phone message or email) prior to the exam time and date that they will miss the exam. I will then arrange for the student to take a similar exam or otherwise do a makeup. If I am not notified prior to the test, the student will receive a grade of zero points for the exam.

**Written Project (Assignments)**
The project will consist of four assignments, with each assignment worth 25 points, for a project total of 100 points. The project is to review four internet sites dedicated to an environmental health topic and create a synopsis of the site. Appropriate topics can be found by consulting your textbook starting with Chapter 3.

Each synopsis will include a hot link web address to the site at the start of the paper (in APA style) at the start of your paper, a recap of the information under each major section of the site, a discussion of the target audience (national, regional, international), and an evaluation of the quality of the information on the site. A copy of the site’s homepage will be included with the paper.

Each paper (synopsis) should be written in MS Word and be a minimum of 500 words (2 pages) in length, double spaced, 12 point font, 1 inch margins all around. Keep in mind that grammar, spelling, sentence structure, and language usage are as important to your grade as the content, so spell checking and proof reading are a must.

Turn in a hard copy of your paper with a copy of the site’s homepage attached. In addition, turn in a clean disk with only your paper on it (disks will be returned to you) OR email the paper to me as an attachment. The due dates for the assignments are as follows:

- #1 Friday, September 13\textsuperscript{th}
- #2 Friday, October 11\textsuperscript{th}
- #3 Friday, November 15\textsuperscript{th}
- #4 Friday, December 6\textsuperscript{th}

**Grading**
This course will have three exams (two midterms and one final), each worth 100 points, for an exam total of 300 points. The written project will account for another 100 grade points. Grading will be determined by a statistical curve of the possible 400 points. There will be no other assignments or extra credit.
Course and University Policies

Course Policies and Prohibitions: Students are expected to regularly attend class, participate in discussions, and complete all required reading in a timely fashion. Unless otherwise instructed, students are also expected to work independently at all times.

Disruptive Classroom Behavior: Any disruptive or distracting behavior is prohibited, including, but not limited to: Side conversations during lecture, cell phone usage, tape-recording of lecture, bringing visitors or guests to class, use of inappropriate language, or in any way demeaning or disturbing others in the class. (Please refer to the University Policy on Disruptive Classroom Behavior, which can be found in the Schedule of Courses).

Students with Disabilities: Upon identifying themselves to the instructor and the university, students with disabilities will receive reasonable accommodation for learning and evaluation. For more information, contact Services to Students with Disabilities in Madden Library 1049 (278-2811).

Cheating and Plagiarism: “Cheating is the actual or attempted practice of fraudulent or deceptive acts for the purpose of improving one’s grade or obtaining course credit; such acts also include assisting another student to do so. Typically, such acts occur in relation to examinations. However, it is the intent of this definition that the term ‘cheating’ not be limited to examination situations only, but that it include any and all actions by a student that are intended to gain an unearned academic advantage by fraudulent or deceptive means. Plagiarism is a specific form of cheating that consists of the misuse of the published and/or unpublished works of others by misrepresenting the material (i.e., their intellectual property) so used as one’s own work..” Penalties for cheating and plagiarism range from a 0 or F on a particular assignment, through an F for the course, to expulsion from the university. For more information on the University’s policy regarding cheating and plagiarism, refer to the Schedule of Courses (Legal Notices on Cheating and Plagiarism) or the University Catalog (Policies and Regulations).

Computers: “At California State University, Fresno, computers and communications links to remote resources are recognized as being integral to the education and research experience. Every student is required to have his/her own computer or have other personal access to a workstation (including a modem and a printer) with all the recommended software. The minimum and recommended standards for the workstations and software, which may vary by academic major, are updated periodically and are available from Information Technology Services (http://www.csufresno.edu/ITS/) or the University Bookstore. In the curriculum and class assignments, students are presumed to have 24-hour access to a computer workstation and the necessary communication links to the University’s information resources.”

Subject to Change
This syllabus and schedule are subject to change in the event of extenuating circumstances. If you are absent from class, it is your responsibility to check on announcements made while you were absent.
Course Schedule
Fall 2002

Important Course Dates
- August 26: Semester begins
- September 2: Labor Day, no class
- September 30: First exam
- November 4: Second exam
- November 28-29: Thanksgiving Recess, there will be no class
- Week of Dec. 9th: Last week of formal instruction
- Dec 16, 1:15 pm: Final exam

Weekly Assignments

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<tr>
<th>Week of</th>
<th>Class Assignment</th>
<th>Reading Assignment</th>
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<tr>
<td>Aug. 26</td>
<td>Introduction</td>
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<tr>
<td>Sept. 2</td>
<td>Communicable and Zoonotic Diseases</td>
<td>Chapter 6</td>
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<tr>
<td>Sept. 9</td>
<td>Emerging Diseases</td>
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<td>Sept. 16</td>
<td>Foodborne Illness</td>
<td>Chapter 9</td>
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<td>Sept. 23</td>
<td>Pests and Pesticides</td>
<td>Chapter 8</td>
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<td>Sept. 30</td>
<td><strong>Exam I</strong> (+ start material for next exam)</td>
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<td>Oct. 7</td>
<td>Accidents and Physical Injuries</td>
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<td>Oct. 14</td>
<td>Toxic Substances</td>
<td>Chapter 7</td>
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<td>Oct. 12</td>
<td>Radiation</td>
<td>Chapter 10</td>
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<td>Oct. 28</td>
<td>Noise</td>
<td>Chapter 13</td>
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<td>Nov. 4</td>
<td><strong>Exam II</strong> (+ start material for next exam)</td>
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<td>Nov. 11</td>
<td>The Atmosphere</td>
<td>Chapter 11</td>
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<td>Nov. 18</td>
<td>Air Pollution</td>
<td>Chapter 12</td>
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<td>Nov. 25</td>
<td>Water Supply and Water Pollution</td>
<td>Chapter 14, 15</td>
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<tr>
<td>Dec. 2</td>
<td>Solid and Hazardous Waste</td>
<td>Chapter 16</td>
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<td>Dec. 9</td>
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<tr>
<td>Dec. 16</td>
<td><strong>Exam III</strong> (1:15 pm)</td>
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Resource Materials

InfoComp: CSU, Fresno/Bakersfield Information Competency Website in the Social Sciences
http://www.csu.edu/~jross/projects/infocomp/
http://www.csu.edu/~jross/projects/infocomp/toolbox/InfoCmpToolBx.htx

ASA Style Guide – Updated Version
http://www.buffalostate.edu/~library/research/asa.html

http://webster.commnet.edu/apa/apa_intro.htm