CALIFORNIA STATE UNIVERSITY, FRESNO

Department of Health Science

HS 105 Risk Assessment and Analysis
Fall 2003
Instructor: Dr. Michael Waite
Office: McL J-Wing Room 13
e-mail: michael_waite@csufresno.edu
Phone: 278-5093

Office Hours: M,W & F - 11:00 AM - 12:00 PM,
M - 3:00 PM - 4:00PM and,
W - 8:00AM - 9:00AM

Course Description:
Risk analysis & assessment of the physical environment as it relates to public injuries/illnesses;
evaluation, investigation and injury factors involving areas of the public, legislation, home,
industry, recreation, and traffic; human factors; injuries by type, age group, and occupations.
Including readings and discussions pertaining to risk communication and risk cost-benefit
analysis. Field assignments may be required.

Course Objective:
To introduce the student to risk analysis and assessment as it relates to exposures and loss
causation’s associated with both public and occupational injuries. In addition, the student will be
presented risk techniques to injury/physical loss prevention, mitigation and rehabilitation using
both theoretical and pragmatic approaches.

The course covers the fundamentals of what is known as risk analysis and risk management.
Specifically, reviewing contemporary issues in environmental risk assessment, risk control, and
risk management. Also, the course covers analytical tools design for risk cost-benefit analysis.

Required Texts:
Safe and What’s Really Dangerous in the World Around You.


Text Readings:
Tentative text readings are listed at the end of the course syllabus. Required text readings will be
announced and posted at the beginning of each new subject area. Students are responsible to
keep up with all readings on your own time.

Class time may be devoted to introducing and/or reviewing a chapter reading. However, it is
your responsibility to understand the content of each assign chapter or any additional reading. If
you have questions concerning the chapter content, readings or the viewpoint of the authors
please bring this up during the beginning of each class.

Requirements:
The requirements schedule is tentative and is subject to change based upon the discretion of the
instructor.

✓ Exam #1 (scantron needed) – October 6th (25% of grade)
✓ Exam #2 (essay problem) - November 3rd. (25% of grade)
✓ Final Exam (essay problem) -. (25% of grade)
✓ Class assignments and participation, attendance is part of the requirement. Class participation is based upon attendance at guest lecture days, videos critiques, group and/or individual projects covering the required or additional readings. (25% of grade)

All classroom assignments not submitted on the due date will be docked 20% for each day past the deadline. No make-up of individual and/or group assignments/projects, video critiques or exams will be given. If you are absent on a day when a classroom assignment and/or exam is due or scheduled please contact me as soon as possible. The makeup of exams, classroom assignments, and/or video critiques maybe possible if there is a valid excuse. Any exemptions are based upon the validity of need for an extension due to the extenuating circumstances involving each incident.

The instructor reserves the right to approve or disapprove all requests for course requirement extensions. This is based upon a one-on-one discussion between the instructor and student.

Grading System:
Grades are based on the total scores of the three exams, including the final exam, individual and group projects, guest lecture critiques, video critiques, and class participation, including but not limited to attendance.

Essay exam requirements or terms for acceptance will be discussed in class and posted.

Cumulative % Grading: A = 100 - 90; B = 89 - 80; C = 79 - 70;
D = 69 - 60; F = 59 and below

All exams are weighted the same, 50 points each. The cumulative number of individual and group projects, video critiques, guest lecture critiques, and class participation (class attendance & class discussion) are valued at 50 points. No makeup of tests or critiques is permitted unless there is a valid excuse. Exemptions are based upon the validity of need for an extension due to the extenuating circumstances involving each incident.

The student is responsible for contacting the instructor immediately following any absence, if they are requesting to make-up an exam or an extension of any other course requirement.

Cheating and Plagiarism:
All policies that are stated within the CSUF general catalog regarding plagiarism and cheating will be enforced.

Cheating. Cheating is the practice of fraudulent or deceptive acts for the purpose of improving a grade or obtaining course credit. Typically, such acts occur in relation to examinations. It is the intent of this definition that the term cheating not be limited to examinations 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. Plagiarism is a specific form of cheating that consists of the misuse of the published and/or unpublished works of another by representing the material so used as one's own work.
Student Disabilities:
The Department of Health Science cooperates with the Office of Services for Students with Disabilities (SSD) to make reasonable accommodations for qualified students with disabilities (cf. American with disabilities Act and Section 504, rehabilitation act). If you have not registered with SSD, you are encouraged to do so. After meeting with the SSD counselor, present your written Accommodation Request to me as soon as possible so we may accommodate your request.

Reading Schedule:
Reading assignments will be discussed during each class. Students are responsible to keep up with all readings in the texts that are pertinent to the assignments in each chapter.

Tentative Reading Assignments:
Week 1 Chapters Intro & 1 R and Intro & 1 S  Week 9 Chapters 21-37 R & 6 S  Week 2 No Class/Chapters 2 R & 2 S  Week 10 R & S Continued  Week 3 Chapters 3 R & 3 S  Week 11 Exam #2 November 3rd  Week 4 Chapters 4 – 18 R & 4 S  Week 12 Chapter 38-41 R & 7 S  Week 5 Chapters R Continued & 5 S  Week 13 R & S Continued  Week 6 Chapters R Continued & S Continued  Week 14 Chapters 42-48 R & 8 S  Week 7 Chapters Exam #1 October 6th  Week 15 R & S Continued  Week 8 Chapters 19 & 20 R & 9 S  Week 16 Final Exam Review

Week 17 Final Exam Week

As a courtesy to others in class please turn the ringer off on all pagers and cell phones. Violations of this matter will be considered as inappropriate student behavior and may be submitted for disciplinary action.