

**Department of Environmental Health Sciences
College of Public Health
University of Georgia**

**EHSC 8400
OCCUPATIONAL AND ENVIRONMENTAL DISEASES
Winter, 2008 Syllabus**

Course Information

Instructor: Brian G. Forrester, MD, MPH
Office Location: N/A
Phone: 706-353-6000
Email: brianf@armc.org
Office Hours: Variable

Course Meeting Time and Location

Building: Environmental Health Sciences
Room: 101
Day: Thursday
Time: 6:30 PM to 9:30 PM

Textbooks and Other Required Course Material

Current Occupational and Environmental Medicine
Joseph Ladou
Fourth Edition, 2007

Course Description

The purpose of this course is to provide a basic understanding of the current state of occupational and environmental disease in the United States for occupational and environmental health and safety practitioners (industrial hygienists, public health professionals, environmental health practitioners, nurses, physicians, and engineers). A basic understanding of toxicology, human physiology and anatomy is recommended for the course.

Course Learning Objectives

1. To provide a historical overview of occupational and environmental disease.
2. To provide an understanding of the basic methods of recognizing, evaluating, and controlling occupational and environmental diseases.
3. To focus on the leading work-related and environmental diseases and injuries and use specific examples within selected disease categories. At the conclusion of the course the student will be able to describe specific methods for recognizing and evaluating occupational diseases, identify important occupational diseases prevalent in the

workplace, and develop strategies for the control of disease.

Course Requirements for Grading Purposes

Four tests using about 50 multiple choice, matching, and short answer questions, non-cumulative, equally weighted.

Topical Outline

<u>LECTURE</u>	<u>DATE</u>	<u>CHAPTER</u>	<u>TOPIC</u>
1.	1-10-08	1, 2	Introduction Historical Overview/ Occupational History Taking
2.	1-17-08	37, 39, 43, 6, 12	Environmental Medicine/ Sensitive populations Ergonomics & Prevention of Occupational Injuries
3.	1-24-08	6, 12, 18	Occupational Musculoskeletal Disorders Occupational Skin Disease
4.	1-31-08		First Test
5.	2-7-08	36 20	Medical Surveillance/Biological Monitoring Pulmonary Function Testing
6.	2-14-08	20	Occupational Lung Disease
7.	2-21-08	20	Occupational Lung Disease
8.	2-28-08		Second Test
9.	3-6-08	11,15, 21	Occupational CV/Heme Disease Baromedicine
10.	3-13-08		Spring Break
11.	3-20-08	11	Heat Related Illness/Ionizing Radiation
12.	3-27-08	16	Occupational Cancer
13.	4-3-08		Third Test
14.	4-10-08	17	Occupational Infectious Disease
15.	4-17-08	24, 23	Occupational Neurology Occupational Kidney Disease

16.	4-24-08	10, 22	Occupational Liver Disease Occupational Hearing Loss
17.	5-1-08		Fourth Test

Grading Policy

Four tests as noted above, all equally weighted. At the discretion of the instructor, grades may be curved after the final examination.

A	≥ 93
A-	90-92
B+	87-89
B	83-86
B-	80-82
C+	77-79
C	73-76
C-	70-72
D	60-69
F	≤ 59

Make-Up Policy

Missed examinations may be made up on a case-by-case basis, with legitimate absences secondary to illness, family emergencies, etc. requiring written confirmation by a treating physician or other recognized authority. Unexcused absences will result in a decrease in one letter grade when the examination is given, with further reduction by one letter grade per week in which the examination is not taken and there is no acceptable excuse.

Attendance Policy

None. However, if attendance is poor, bonus points may be awarded to students who are present for lectures on a consistent basis.

University Honor Code and Academic Honesty Policy

All academic work must meet the standards contained in "A Culture of Honesty." All students are responsible to inform themselves about those standards before performing any academic work. Any behavior during a test that is suspicious for violating the University Honor Code and Academic Honesty Policy will be reported to the appropriate authorities for disciplinary action. All tests are proctored by the instructor.

Students with Disabilities

Students with disabilities who require reasonable accommodations in order to participate in course activities or meet course requirements should contact the instructor by appointment.

General Disclaimers

The course syllabus is a general plan for the course; deviations announced to the class by the instructor may be necessary.