

**Department of Epidemiology and Biostatistics
College of Public Health
University of Georgia**

**Course Prefix and Number EPID 7010 :
Course Name: Introduction to Epidemiology I
Spring 2008**

Course Information

Instructor: **MANGLA**
Office Location: **Coverdell Center, room 132a**
Phone: **706-542-7480**
Email: **atmangla@uga.edu**
Office Hours: **Fridays from 12:30pm-2:30pm and by appointments**

Course Meeting Time and Location

Building: **Coverdell Center**
Room: **175 (auditorium, 1st floor)**
Day: **Friday**
Time: **9:05 am - 12:05 pm**

Textbooks and Other Required Course Material

Epidemiology An introduction by Kenneth Rothman

Course Description

This course will cover measurement, study design, sources of bias and error, data analysis and other methods pertinent to public health research.

Course Learning Objectives

- By the end of the course, students will be able to:
1. Design basic epidemiologic studies
 2. Understand basic epidemiologic research
 3. Analyze epidemiologic data using different methods
 4. Critically review epidemiologic papers

Course Requirements for Grading Purposes

Exam 1	35%
Exam 2	30%
Group Project	15%
Homework	15%
Class Participation	05%

Topical Outline

January 11	Introduction / Causality
January 18	Measuring Disease / Measuring Causal Effects / Types of Studies
January 25	Cohort / Case-control / Bias
February 1	Group Project Discussions
February 8	Bias / Study design and measurement / confounding
February 15	EXAM 1
February 22	Confounding
February 29	Probability, random error
March 7	Controlling for confounding by stratifying
March 14	SPRING BREAK
March 21	Bias and random error
March 28	EXAM 2
April 4	Standardization / Interaction
April 11	Confounding with interaction
April 18	Diagnosis and population Screening
April 25	Project Presentations
May 2	FINAL EXAMS

Grading Policy

100-92.5	A
90.0-92.4	A-
87.5-89.9	B+
82.5-87.4	B
80.0-82.4	B-
77.5-79.9	C+
72.5-77.4	C
70.0-72.4	C-
<70	F

Make-Up Policy

Exams cannot be made-up unless for exceptional reasons

Attendance Policy

Part of your grade includes class participation and attendance

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.

Please see www.uga.edu/honesty/ahpd/procedures.html

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 or designate during regular office hours or 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.