

UNIVERSITY OF TEXAS AT EL PASO
College of Health Science
Health Science Program
CRN 21119 - HSCI 3311 – Introduction to Epidemiology
Spring 2017
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Instructor: Gabriel Ibarra-Mejia, MD, PhD
Office: Health Sciences & Nursing Building 409
Phone: (915) 747-7270
E-mail: gabmejia@utep.edu
Office hours: Tuesday & Thursday 11:00 – 12:30
Class period: Tuesday & Thursday 9:00 – 10:20
Location: Health Science/School of Nursing Building 135

PURPOSE:

This syllabus is considered a contract between you and the professor. It is an agreement that includes the "rules" to be observed during the course, both by students and the instructor. Although this syllabus can change, no changes will be made without notice.

COURSE DESCRIPTION:

This course will provide the students with an understanding of the concept of epidemiology, the application of statistical tools and biomedical information. Students interested or considering being involved public health, public health education, community service, policy-related jobs or pursuing a research-related career should enroll in this course. The teaching method is based on Problem based learning (PBL), which can include, but not be limited to:

1. Introductory lectures
2. Problem solving group work
3. Student discussions, presentations and exercises
4. Movies and other visual media materials

Using this technique will enable the student to apply the gained knowledge to solve common and practical problems. In this regard, the course will emphasize a critical thinking approach to learning. A critical thinking approach takes the view that a student's knowledge is not passively absorbed from an instructor's lectures. In contrast, critical thinking assumes students will create knowledge in their own mind by actively thinking about the material. It is going to be crucial that you prepare for each lesson, reading and reviewing the material before coming to class. Your instructor will use class time to overview the assignment, clarify difficult concepts, expand your knowledge of selected topics, and to **challenge you intellectually**. This means that very possibly more material will be covered in class. Not necessarily your instructor will teach straight out of the book. Instead, the readings will be used as a springboard for classroom activities and discussions. In addition to your readings, in-class lectures will provide additional information that will