

**NEW MEXICO STATE UNIVERSITY  
DEPARTMENT OF HEALTH SCIENCE**

**HLS 459 Infectious/Non-infectious Disease Prevention**

Spring 2008, HSS 318

Tuesdays & Thursdays: 8:55 to 10:10 AM

**COURSE SYLLABUS**

**INSTRUCTOR:** David D. Barney, MSW, MPH, PhD  
**OFFICE:** HSS 213  
**PHONE:** 575-646-4347  
**E-MAIL:** available through WebCT only  
**OFFICE HOURS:** Wednesdays 9 to noon, other times by appointment

**GA Information:** none

**COURSE DESCRIPTION**

History, etiology, and prevention of diseases affecting humans.

**COURSE OBJECTIVES**

At the conclusion of this course, you should be able:

- (1) To list the determinants of health, and act as a resource person in health education, communicating needs, concerns and resources. (Goal 1, Objective A) (R6,7);
- (2) To relate an understanding of management tools in the planning of effective health education programs for the prevention of disease, disability, and dependency and health promotion. (R2), (G1, OA, M7);
- (3) To demonstrate knowledge of the causes and effects in order to assess individual and community needs for health education. (R1, CA);
- (4) To demonstrate understanding of how health issues are shaped by the complex interrelationships among people, political structures, corporations, and other dimensions of society. (G1, OA, M8);
- (5) To demonstrate understanding of tools useful to an ethical practice of health education in a global economy;
- (6) To exhibit competence in carrying out planned programs and evaluating their effectiveness in the context of infectious or non-infectious disease. (R3, 4)

**REQUIRED TEXT:**

There is no required text for the course. However, readings will be posted on WebCT.

**RECOMMENDED TEXTS:**

Brownson, Ross C, Remington, PL, Davis, JR, *Chronic Disease Epidemiology and Control*, American Public Health Association, 2004.

**TENTATIVE COURSE OUTLINE:**Unit 1: Introduction

Introduction & course review

Unit 2: Health Behavior Theories and Health Promotions

A brief review of human behavior that influences outcomes of health promotions programs.

Unit 3: Assessment of Disease Risk and Impact (epi)

Brief review of epi procedures for quantifying disease. Examines methods used to determine severity of disease impact including rate setting and rapid assessment.

Unit 4: Developing Prevention/Intervention Methods

Examines the process that health promotion programs use in prevention campaigns. Examines role of media and public health services.

Unit 5: Major Infectious Diseases in the Human Life Span

Reviews basic outbreak investigation. A particular emphasis is placed on sexually transmitted diseases, hemorrhagic, and local to the region diseases.

Unit 6: Major Chronic Diseases in the Human Life Span

Emphasis on alcohol use, physical inactivity,

**COURSE REQUIREMENTS:**

A	Epi Assessment	Due: March 6, 2008	50 pts.
B	Rapid Assessment	Due: April 10, 2008	50 pts.
	Midterm	March 20, 2008	50 pts.
	Final	May 8, 2008, 8:00 AM	50 pts.
	<i>Total points</i>		<i>200 pts.</i>

Points will be subtracted for late assignments. Assignments must be submitted via the WebCT assignment drop-box and in MS-Word format. Papers will not be accepted in class. Grades will be posted on WebCT.

Requests for make-up exams and late assignments must be submitted in writing and will be carefully reviewed. All papers are expected to reflect professional and academic standards.

The assignments will have specific instructions posted on WebCT. Additionally, the penalty for late assessments will be identified.

A. Epi Assessment: Students will complete a 1 to 2 page assessment on a disease of their choice. This brief paper identifies those affected by the disease and the frequency of the disease in the identified populations.

B. Rapid Assessment: Students will complete a 1 to 2 page assessment of an assigned disease. This assessment will use techniques from “rapid assessment” to determine risk from the disease to the Paso del Norte region.

Quizzes: There are a no quizzes for this class.

Midterm and Final Exams: The midterm and final exam will be objective tests. The final is cumulative. A study guide will be provided.

## **GRADING:**

### a. Grading Procedures

The following guidelines will be used to assign final grades. Percentages refer to total points possible for the course.

Scale	Grade	Standard
90-100%	A	Exceptional work. Meets and exceeds all standards for the assignment. Consistent with a professional quality and impact. Few if any errors.
80- 89%	B	Much better than average work. Meets all standards for the assignment. Few errors.
70- 79%	C	Average work. Adequately addresses all aspects of the assignment.
60- 69%	D	Below average work. Marginally acceptable.
0- 59%	F	Failing.

### b. Attendance Policy

Students are recommended to attend regularly all classes. Regular attendance is a factor that is likely to a higher student’s grade. Valid reasons for missing classes do not relieve the student of making up the work missed nor the responsibility of seeing the instructor about making up any missed work.

### c. Student Grades

Students are responsible for monitoring their progress in the course by checking on grade posting under the “My Grades” link in WebCT.

## **ACADEMIC INTEGRITY**

Academic integrity is the pursuit of scholarly activity free from fraud and deception and is an educational objective of this institution. Academic dishonesty includes, but is not limited to, cheating, plagiarizing, fabricating of information or citations, facilitating acts of academic dishonesty by others, having unauthorized possession of examinations, submitting work of another person or work previously used without informing the instructor, or tampering with the academic work of other students.

Any student accused of a specific act stated in the previous paragraph is subject to NMSU academic procedures relating or pertaining to violations of the student code of conduct for academic integrity.

## **ADA STATEMENT**

The Americans with Disabilities Act (ADA) is a federal antidiscrimination statute that provides comprehensive civil protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Services for Students with Disabilities, Corbett Center, Room 244, 575.646.6840.

## **E-MAIL CONTACT**

All e-mail for the course will be conducted through WebCT only. Students are responsible for all content on WebCT—including e-mails. Please check your WebCT e-mail often.

## **MOBILE PHONES**

Mobile phone calls during class are disturbing to the learning environment. Please turned off mobile phones prior to the start of class. If you feel you need an exception to this request, please see me.