

**Sample Undergraduate Syllabus with SLO Statements and Associated Rubric
Linked to Program ALC**

**EPIDEMIOLOGY OF INFECTIOUS DISEASE
MCB4276/MCB5273
Class Syllabus**

Fall 2005

Instructor: Dr. George L. Stewart

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Course Objectives and Student Learning Outcomes:

This course meets the following programmatic goals for the B.S. Biology and MPH degree programs:

- *Content and Critical Thinking:*
 - Students will be expected to apply the basic principles of epidemiology and demonstrate an understanding of the rules governing the occurrence of epidemics of infectious diseases.
- *Communication:*
 - Students will be able to describe the contemporary and future importance of infectious diseases on a global scale and the role played by environmental destruction and overpopulation on the success and spread of infectious diseases.
 - Students will be able to discuss the most important infectious diseases affecting man, and of the microbial, host and environmental factors that contribute to such epidemics.

Fulfillment of these goals will be assessed in weekly essay quizzes in which students will demonstrate their ability to apply the principles of infectious disease epidemiology and the rules governing the occurrence of epidemics of infectious disease. For the purposes of programmatic assessment, the following mastery levels will be used:

SKILL MASTERY LEVEL	Characteristics of Submitted Student Work and Assignments	
	CONTENT AND CRITICAL THINKING	COMMUNICATION
Very Good-Excellent	Student consistently shows clarity of understanding of, and an ability to apply, the principles of infectious disease epidemiology and the rules governing the occurrence of outbreaks of infectious disease.	Student shows clear expression of ideas in writing with proper spelling and grammar and an ability to integrate their ideas into the literature on infectious disease epidemiology.
Satisfactory	Student demonstrates a basic level of understanding of, and ability to apply, the principles of infectious disease epidemiology and the rules governing the occurrence of outbreaks of infectious disease.	Student demonstrates only adequate implementation of above Very Good-Excellent characteristics.
Unsatisfactory	Student has a critical inability to grasp and apply the principles of infectious disease epidemiology and the rules governing the occurrence of outbreaks of infectious disease.	Student maintains a lack of adherence to technical writing style and skills, uses improper grammar and spelling, and has an inability to clearly express ideas in writing and to integrate those ideas into the literature on infectious disease epidemiology.