

# SYLLABUS

Biology 26 - Summer 2009

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## A. Objective of the course:

Lecture periods will be devoted to a consideration of fundamental principles and general activities of microorganisms with special emphasis given to their medical significance and control. Aseptic technique will also be stressed. These will be correlated with laboratory experiments when possible. A schedule for the laboratory exercises will be provided. Prerequisites for the course are Biology 40C or its equivalent (a college chemistry and biology course).

## B. Required Text, Laboratory Manual and Microbiology Lab Kit:

1. The required text for the lecture portion of the course is: ***Microbiology, an Introduction***, 9<sup>th</sup> edition, by Tortora, Funke and Case. Bring the text to class if at all possible. I will be referring to it often.

Students are responsible for reading material in the text as it relates to the various lecture topics. It is assumed that such reading will be to clarify and/or to enhance material given in lecture and laboratory periods. Examinations will cover lecture material and any question sets or specific reading assignments given.

2. The required text for the laboratory portion of the course is the Tortora text as well as a laboratory manual: ***Biology 26 Laboratory Manual***, by Doris Spangord.

The student is expected to read exercises, and answer questions, if any, relevant to that reading **before** coming to the lab in which that exercise will be performed. Material from the reading in the lab manual will be covered in lab quizzes and practicals.

A covering must be worn in the laboratory. This may be an old shirt, smock or a lab coat. These will be kept in the laboratory throughout the course.

3. You are required to purchase a microbiology lab kit costing \$18.99 from the book store. They are located on the floor near the candies and pens. Bring a combination lock or padlock to secure your kit in a lab locker. You can purchase a lock at the book store for about \$6.00.

## C. Examination and Grading:

1. Lecture and lab will count equally in computing the final course grade. Grading is done by the point system. At the end of the course a percentage of your total number of points is taken for your assigned grade. Determination of borderline grades will be based on attendance and deportment in class. The grading scales is as follows:

90-100% - A  
80-89% - B  
70-79% - C  
55-69% - D  
Below 55% - F

2. The lecture grade will be based on 2 midterms and the final examination. All lecture exams will be comprehensive and will cover general concepts and examples from the laboratory. The laboratory grade will be based on 2 quizzes, an unknown report and 2 lab exams.

**Lecture Exams will be given on:**

1. Monday, July 13
2. Tuesday, July 28

**Lecture Final will be given on:**

Wednesday, August 19, SC2118

Make up examinations will NOT BE GIVEN. If you miss an exam, with the exception of the final exam, and have a valid reason for missing the exam, and inform me of the reason for the absence before the exam, your percent in the class will be calculated on the basis of your total number of points at the end of the quarter. If you miss a second test (quiz or exam) you will receive zero points for that exam. If you do not take both final exams (lecture and lab) you will fail the course.

Students will not be allowed to leave the room after beginning an examination.

**D. Attendance:**

More than 2 absences from laboratory will result in an automatic drop from the course by the instructor.

The Biological Health Sciences Division Student Handbook is on line available at: <http://bhs.deanza.edu/StudentHandbook.pdf> as well as in the BAT lab in hard copy. All the information in the Student Handbook does apply to this course. This handbook contains many helpful resources for students, ideas to increase student success and expectations of classroom behavior.

**E. Additional information:**

**Labs CANNOT be made up. Media, reagents and cultures are available only for the lab for which they are prepared.**