Biology 160: Microbiology for Health Sciences
Lecture Syllabus and Schedule –Spring 2007

Instructor: Jeanne Weidner, Ph.D.
Office: SCI2 Room 141
Phone: 619-594-0737

Email: WebCT email function
Lecture: TTH 10:30 – 11:45 am SCI2 Room 242
Office Hours: 12 – 12:30 MT or by appt.

Required Text: Tortora, GJ, Funke, BR, and Case, CL. Microbiology: An Introduction, 8th ed., Benjamin/Cummings, 2004 (Custom loose leaf edition). Available at the bookstore. Not all topics listed on the reading schedule will be covered in lecture but they may be included in exams. Reading assignments will be used as the basis for the online quizzes.

Description: Biology 160: Microbiology for the Health Sciences is a 4 unit course which introduces the student to the enormous variety of microbial life in nature, the molecular and biochemical characteristics of microorganisms, and techniques and procedures used by microbiologists. Emphasis is placed on those microbes that play an important role in human daily life, especially those that cause disease. The course consists of 3 hours of lecture and 2 hours, 45 minutes of lab per week.

Evaluation: Lecture will account for 400 points, two thirds of your total grade in the course and will be based on your performance on the following assignments/quizzes/exams:

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Points</th>
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<tbody>
<tr>
<td>Online Quizzes</td>
<td>100 pt</td>
</tr>
<tr>
<td>Assignments</td>
<td>60 pt</td>
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<tr>
<td>Quizzes</td>
<td>60 pt</td>
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<tr>
<td>Midterm</td>
<td>80 pt</td>
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<tr>
<td>Final</td>
<td>100 pt</td>
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<tr>
<td>Total</td>
<td>400 pt</td>
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You must pass both the lecture and laboratory portion in order to obtain a passing grade for the course. Final grades will be awarded as follows:

- A = 90 – 100%
- B+ = 87 – 89.9%
- B = 83 – 86.9%
- B- = 80 – 82.9%
- C+ = 77 – 79.9%
- C = 73 – 76.9%
- C- = 70 – 72.9%
- D = 60 – 69.9%
- F = < 60%

Online Quizzes: Weekly online quizzes will be available on WebCT from Thursday at noon through Tuesday at 10 am, beginning Week 2. These are based on the reading assignments and must be completed prior to Tuesday’s lecture. Each quiz is worth 10 points and the lowest quiz will be dropped. No online quiz is due the week of the midterm.

Assignments: Periodic assignments, worth 5-10 points each, will be made available on WebCT throughout the semester. Some of these may require access to the textbook website to complete. There will be in-class activities scheduled each week, some of which will be submitted and graded at the instructor’s discretion.

Quizzes/Exams: In-class quizzes and exams will require the red scantron sheets and #2 pencils. There will be no makeup quizzes, the lowest of the three quizzes will be dropped. If, for a valid reason, (illness, etc.) you are unable to take an exam at the scheduled time, you must contact the instructor within 24 hours or preferably before the exam. Make-up exams for the midterm and final will be scheduled at the instructor's convenience and the format will be of the instructor's choice. If you fail to notify the instructor of the reason for your absence, or neglect to schedule an appointment for a make-up exam, you will receive a zero for the grade. The final exam will be scheduled during final exam week. It will be a cumulative exam but will emphasize material covered since the midterm (85 of the 100 points).

PRS/Interwrite: Lecture sessions will include interactive sessions using a personal response system. Students are required to purchase the remote through the bookstore. Students will receive a rebate for this system through the publisher. Some of the sessions may be included as part of the in-class activities.