

BIO 2420

INTERNET MICROBIOLOGY COURSE INFORMATION

BIOLOGY DEPARTMENT

DIVISION OF ARTS AND SCIENCES

SOUTH PLAINS COLLEGE

INSTRUCTOR: REBECCA ZAMORA

MICROBIOLOGY 2420

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Blackboard Website: <http://southplainscollege.blackboard.com/>

(Log in with SPC User name and password.)

OFFICE HOURS: By Appointment

COURSE DESCRIPTION: A general microbiology course that covers the morphology and physiology of microorganisms with particular emphasis on the microbial relationship to disease, pathogenicity, and the immune response.

This course is designed for students entering the allied health profession such as: nursing, respiratory therapy, dental hygiene, etc... This course satisfies the requirements for an Associate in Arts and Associate in Science degree as well as requirements for transfer students working toward a Bachelor of Arts degree, Bachelor of Science degree, or certification in allied health fields.

Please Note: This course will not provide credit for Non-science majors, Biology majors, Pre-Med, Pre-Dentistry, or Pre-Vet. **If you are not sure, please contact the instructor.**
This course will not count as a core science course for non-science majors.

COURSE ACCESS: This course is an online course which means that it is accessed via the internet. Blackboard is used to manage and deliver this course to students. If this is your first time to take a course using Blackboard, I suggest that you visit the online help site at:

<http://help.blackboard.com> then click on **Student** for help within the help site.

In order to access your course a Web browser is necessary.

Firefox is the preferred web browser to support Blackboard. You can obtain a free download at the following website:

www.mozilla.com

Java is necessary to run certain features within blackboard. You can obtain a free download for Java at the following website:

<http://www.java.com/en/download/>

Blackboard ID AND PASSWORD: Standard User ID will be first initial, your last name (the first initial will be your name that you have registered under at SPC). All letters are lower case and the last 4 digits of the Student ID (random number assigned by the college). The initial Password will be the Original Campus Connect Pin Number (found on your acceptance letter).

Example: Jane Smith, Student ID number: 123 - 00 - 4567

User ID: jsmith4567

Password: Original Campus Connect Pin Number

All information is lower case with NO spaces.

LOGGING INTO COURSE: Under NO circumstances are you allowed to give your User ID or Password to anyone. If someone, other than yourself accesses this course using your personal ID and Password, you will be immediately dropped from this course with an F.

E-MAIL ACCESS: E-mail address (outside of blackboard) is required for this course. E-mail access is required to communicate with instructor. Your first assignment is to e-mail instructor with your preferred e-mail address that you visit on a daily basis before our first official lab class meeting.

NOTE: If a student does not e-mail instructor by **Week 1** of the semester, that student **will be dropped** from this class.

COMPUTER REQUIREMENTS: Students are not required to purchase their own computer, but must have access to one that meets the specifications for this course. There are computer labs available for student use on our Levelland, Lubbock, and Reese Center Campuses.

The computer must be able to connect to the Internet and allow the student to browse the World Wide Web. **E-mail access is required.**

TEXTBOOK: Required. Microbiology Openstax Textbook; available for purchase at the SPC Bookstore or available online for Free at: <https://openstax.org>

Free online textbook copy: <https://openstax.org> Click on Subjects icon, click on Science, click on Microbiology

LAB MANUAL: Lammert, John. Techniques in Microbiology. A Student Handbook. (Spiral bound) Purchase at SPC Bookstore. (Required)
ISBN: 0-13-224011-4

STUDENT NOTE PACKET AND LAB SUPPLEMENT: Purchase at SPC Bookstore. (Required)
Titled: General Concepts in Bacteriology (**Be sure to purchase the one for Zamora**)

SCANTRON SHEETS: You will need to purchase 5 scantron sheets for use on lecture course content exams (of which there are 5). The scantron sheets are **BLUE** in color.

Safety Glasses: Safety Glasses are required for Microbiology lab. Safety glasses will be provided in lab but you will share these with other students. If you would like to purchase your own personal pair of safety glasses, they are available for purchase at the SPC Bookstore in Levelland and cost of \$4 - \$5 dollars

LAB CLASS ATTENDANCE: Punctual and regular lab attendance is mandatory. Class roll will be taken at the beginning of lab. Each student is expected to be prepared before each scheduled lab meeting. If absent, it is your responsibility to check with fellow students about any missed lab material and **Students need to consult with the instructor when an absence occurs.**

Absences will be documented starting from the first lab class meeting in the semester. If a student registers late and misses the first lab class, this will be counted as one absence.

The roll will be checked each lab period at the beginning of lab class. If you come to lab late, it is your responsibility to check with your instructor after class to have the absence changed to a tardy. Tardiness to lab class will not be tolerated. 2 tardies equals 1 absence.

Remember: Tardiness is disrespectful to the instructor and fellow classmates. **Absences and tardies will be considered when tabulating the course grade.**

When an unavoidable reason for a class absence arises, such as an illness or an official trip authorized by the college, the instructor may permit the student to make up the missed lecture and lab work. In such cases, it is the student's responsibility to complete the work missed within **three** days of their absence.

Whenever absences become excessive and, in the instructor's opinion, minimum course objectives cannot be met, the student will be administratively withdrawn from the course. **Your presence is fundamental to meeting the objectives of this course; consequently, the instructor will initiate a student's administrative withdrawal when the student has 4 lab absences in the semester**

NOTE: At the time of administrative withdrawal by the instructor, the student will be dropped with either an "X" or U if passing or F if failing.

It is the student's responsibility to verify administrative drops for excessive absences through MySPC using his or her student online account. If it is determined that a student is awarded financial aid for a class or classes in which the student never attended or participated, the financial aid award will be adjusted in accordance with the classes in which the student did attend/participate and the student will owe any balance resulting from the adjustment.

COURSE EVALUATION: The lecture course content grade will consist of 5 major exams and a final exam. The final exam will not be comprehensive. This will compose 70% of the course grade. Exams will be multiple choice, matching, and true or false. Lab grade will compose 30% of course grade.

EXAM I	14.0%
EXAM II	14.0%
EXAM III	14.0%
Exam IV	14.0%
FINAL EXAM	<u>14.0%</u>
	70.0%
LAB EXAM I	10%
LAB EXAM II	10%
UNKNOWN I	<u>10%</u>
	30.0%

LAB REQUIREMENT: 30% of Grade

A. Lab Exams:

Lab Exam I	10%
Lab Exam II	10%

B. Unknowns:

Unknown	<u>10%</u>
	30%

GRADING SCALE FOR COURSE EVALUATION:

Your percentage grade will be tabulated based on one of the following scales, depending on your attendance/absence/tardy record. If your tardies are no more than two, you will be assigned a grade based on a lower requirement for a particular grade. If your tardy numbers are more than two you will be assigned a grade based on the standard scale, given below. **There will be no exceptions.**

LOW ABSENCE/TARDY SCALE

89 - 100 = A
79 - 88.5 = B
69 - 78.5 = C
59 - 68.5 = D
58 and below = F

STANDARD SCALE

90 - 100 = A
80 - 89.5 = B
70 - 79.5 = C
60 - 69.5 = D
59.5 and below = F

MAKE-UP EXAMS: Students will be allowed to make up only one course content exam that must be taken within 3 days. The make-up exams are short answer/essay exams. Any additional exams missed will receive a grade of zero. There will be **NO make-up exams for Lab exams or Final exam** unless it is a **documented** medical emergency.

CELL PHONE/PAGERS: All cell phones/pagers must be turned off during class time. All cell phones/pagers must be put away during class time (this includes cell phones that are placed on the ear). Cell phones are disruptive to classroom conduct.

ACADEMIC DISHONESTY: "Cheating" on exams and assignments will not be tolerated. If a student is caught cheating on an exam or on course work, the student will be immediately dropped from the class.

DISMISSAL POLICY: A high standard of conduct is expected of all students. **It is assumed that obedience to the law, respect for properly constituted authority, personal honor, integrity, proper safety, and common sense will guide the actions of each member of this class.** Any student who fails to perform according to expected standards may be asked to withdraw. **Because of the potential hazards in the laboratory, any student who proves to be a danger to self or fellow classmates will be asked to withdraw or will be dropped from the class by the instructor.**

DISABILITIES: ADA Statement

Students with disabilities, including but not limited to physical, psychiatric, or learning disabilities, who wish to request accommodations in this class should notify the Disability Services Office early in the semester so that the appropriate arrangements may be made. In accordance with federal law, a student requesting accommodations must provide acceptable documentation of his/her disability to the Disability Services Office. For more information, call or visit the Disability Services Office at Levelland (Student Health & Wellness Office) 806-716-2577, Reese Center (Building 8) 806-716-4675, or Plainview Center (Main Office) 806-716-4302 or 806-296-9611.