Course Syllabus
Biology 326R– General Microbiology
Summer, 2020

****PLEASE NOTE YOU WILL NEED A STABLE, HIGH-SPEED INTERNET CONNECTION TO TAKE THIS COURSE THIS SUMMER****

Instructor: Dr. Peter King
Office: Zoom→ **https://utexas.zoom.us/j/5241078500** **email:** Please use Canvas

Office Hours: MWF 1-2p (in Zoom Room)

Teaching Assistant: Eddy Ye **email:** Please use Canvas

Discussion sections: M 1:30-2:30p; W 3-4p Zoom→ **https://utexas.zoom.us/j/9567413808**

Introduction: Biology 326R gives an overview of the major areas of microbiological study, including cell structure and function, genetics, host-microbe interactions, physiology, diversity, and virology.

Prerequisite: Credit with a grade of at least C- or registration for Biology 325 or 325H, and Chemistry 302 or 302H with a grade of at least C-.

Optional Text: *Prescott's Microbiology, 10th Edition*, Joanne Willey, Linda Sherwood and Christopher J. Woolverton Copyright: 2017 Garland Science. New York, NY. (ISBN-13: 978-1259281594; ISBN-10: 1259281590).

Grading:

Exams: There will be four lecture exams (100 points each). The last exam will take place on the last day of regular class.

Pre-quizzes: There will be a pre-quiz before each lecture. Although these quizzes will not be graded for correct answers, at the end of the semester a participation percentage will be calculated and applied to 10 points.

Post-quizzes: There will be a pre-quiz after each lecture. Although these quizzes will not be graded for correct answers, at the end of the semester a participation percentage will be calculated and applied to 25 points.

Other assignments: Other small assignments will be assigned during in the course and will constitute a total of 65 points.

Exams	400
Pre-quizzes	10
Post-quizzes	25
Assignments	65
Total	500

Final letter grades will be on assigned as follows:

A =	100%-90%
B =	89%-80%
C =	79%-70%
D =	69%-60%
F =	<60%

Exam dates:

Exam 1 – Friday, June 12

Exam 2 – Friday, June 19

Exam 3 – Friday, June 26

Exam 4 – Wednesday, July 8

Course on CANVAS: A CANVAS web site with class announcements, lecture notes, handouts, and practice exams can be found at: *http://canvas.utexas.edu* (your UT-EID is required). Canvas will be used to communicate with you about important information related to the course. You are responsible for making sure you receive these notifications and respond when needed. Instructions on how to best set up your notification preferences can be found at *https://utexas.instructure.com/courses/633028/pages/studenttutorials*.

Attendance: There is no formal attendance policy. Make-up exams will only be given if it is scheduled in advance or in the case of emergency situations as determined by the lecturer.

Academic Honesty: Students who violate University rules on scholastic dishonesty are subject to disciplinary penalties, including the possibility of failure in the course and/or dismissal from The University. Since such dishonesty harms the individual, all students, and the integrity of The University, policies on scholastic dishonesty will be strictly enforced.

Students with Disabilities: The University of Texas at Austin provides upon request appropriate academic accommodations for qualified students with disabilities. For more information, contact the Office of the Dean of Students at 471-6259, 471-4641 TTY. Or at *http://deanofstudents.utexas.edu/*

Topics Covered: Note - Exam cut-offs are tentative and may change.

Exam 1: Introduction to Microbial Diversity

History and Basic Methods

Microbial Structure

Exam 2: Microbial Nutrition

Growth and Control of Microbes

Microbial Genetics

Bacterial Gene Regulation

Exam 3: Microbial Mutations and Mutants and Repair

Bacteriophages

Animal Viruses

Exam 4: Medically-Important Bacteria

Normal Microbial Flora

Human Immunity