

Biology Department, College of Arts & Sciences, Valdosta State University
FALL 2018----SUPPLEMENT TO COURSE SYLLABUS FOR BIOL 5100*

BIOL 5100, Sections A & B. Microbiology (CRN 82019 & 82020) – 4 credit hours

This supplement accompanies the course syllabus for BIOL 3100/5100, and is only for students taking BIOL 5100.

*This is a tentative supplement. Changes to this supplement will be announced during class or laboratory periods; alternatively, changes will be posted on BlazeView or discussed with the student(s).

Instructor: Dr. Jenifer Turco

Course objectives and their alignment with University System of Georgia, Valdosta State University, and Biology Department Educational Outcomes/Objectives are detailed in the syllabus for BIOL 3100/5100.

Alignment of Assignments with Course Objectives:

The course objective(s) aligned with each assignment are given below.

Grading, points for each exam/assignment, and requirements to pass the course are outlined below.

Points for the course are allocated as follows:

EXAMS 1, 2, & 3 (Sept. 13, Oct. 16, Nov. 8) (155 points each x 3=465).....	465	POINTS
EXAM 4 (FINAL EXAM –Dec. 4).....	185	POINTS
SLIDE/MICROSCOPE/DRAWING FOCUSING CHECKS (Course objective ZA) (Aug. 23 & 28; Sept. 4 & 6).....	20	POINTS
rRNA LAB REPORT (Course objective ZD) – (Oct. 11).....	20	POINTS
LAB REPORT ON UNKNOWN IA (Course objectives ZB, ZC, ZD) – (Oct. 23).....	70	POINTS
LAB REPORT ON UNKNOWN IIB (Course objectives ZB, ZC, ZD)--(Nov. 6).....	25	POINTS
LAB NOTEBOOK CHECKS (May be done at unannounced times; probably Oct. 11, Oct. 16, & Oct. 18); course objective ZB.....	50	POINTS
INDIVIDUAL LAB REPORT ON WINOGRADSKY COLUMN PROJECT (Course objectives G2, T, ZB, ZF) - (Nov. 13 & 15).....	45	POINTS
GROUP ORAL REPORT ON WINOGRADSKY COLUMN PROJECT (Course objectives G2, T, ZB, ZF) – (Nov. 13 & 15).....	65	POINTS
INDIVIDUAL ORAL REPORT ON PATHOGEN (Course objective ZH) – (Nov. 20 & 27).....	40	POINTS
PRIMARY SOURCE FOR ORAL REPORT ON PATHOGEN (Course objective ZG) – (Nov. 20 & 27).....	15	POINTS
EXTENDED ORAL PRESENTATION OR PAPER**(GB2 and/or GB4).....	200	POINTS
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TOTAL FOR COURSE	1200	POINTS

There are FOUR REQUIREMENTS TO PASS the course:

1. Do not miss (or fail to complete) any more than 6 laboratories or student presentation periods.
2. Complete and turn in all assignments and lab reports.
3. Obtain at least 40% of the points for **EACH** assignment and lab report.
4. Have a total of 600 or more points for the course.

Students should read the entire syllabus carefully so they understand the course policies & procedures.

The grade is "F" for a student who obtains less than 600 total points or fails to meet one of the other requirements for passing the course (see above list). **GRADING SCALE (%): 90-100%, A; 80-89%, B; 70-79%, C; 60-69%, D; < 60%, F**

****EXTENDED ORAL PRESENTATION OR PAPER** – In consultation with the instructor, the student will decide whether to give an extended oral presentation or write a paper. In either case, two or more primary scientific articles in a particular area of microbiology will be chosen, along with one review article. These articles will be chosen in consultation with the instructor. After thoroughly reading the article(s), the student will do one of the following: (i) give a 45-minute presentation on the papers during class or (ii) write a paper that provides background and also discusses the primary scientific articles. The oral presentation or paper must show that the student has **synthesized and analyzed** the material from the three references. A suitable day for the presentation will be chosen after discussion with the instructor.