Biology 2900, Microbiology in Health and Disease, 4 credits, Dept. of Biology, Valdosta State

attendance policy below). Lecture exams will cover lecture material and will primarily be short answer format. In addition, lecture exams will have a comprehensive component, meaning that these exams will have content that was covered on previous exams. I will do this in order to insure that you learn key concepts that you may have missed previously. Lab exam I will cover the first half of the laboratory material, while lab exam II will cover the second half. **There will be absolutely no make-up labs nor quizzes! Make-up exams and presentations are seriously discouraged and are a valid reason (for example, an athletic event) is required. If you know that you will not be able to take an exam on the scheduled day, be sure to talk to me *before* the exam day and not after the exam. If you have a family emergency or a medical excuse, please come talk to me as soon as possible and we will work something out.**

Lecture Exam I (F2/11)	**150 pts**
Lecture Exam II (F3/11)	**150 pts**
Lecture Exam III (F4/11)	**150 pts**
Lecture Exam IV (F5/6)	**150 pts**
Lab exam I (TBA)	**50 pts**
Lab exam II (M5/2)	**50 pts**
Unknown I.D. Lab report (TBA)	**50 pts**
Homework and quizzes (TBA)	**75 pts**
Oral presentation (TBD)	**75 pts**
Lab participation	**100 pts**
Total	**1000pts**

Grading scale:
900-1000 pts = A
800-899 pts = B
700-799 pts = C
600-699 pts = D
< 600 pts = F

Attendance and tardiness:
In order to do well in this class, you need to come to class! This is not a straight lecture/textbook-based course so you will miss a lot of material and learning opportunities if you do not come to class. In particular, you must attend all of the laboratory (including oral reports) sessions. The lab/oral report

Accomodations Statement:

(ADA). If you believe that you are covered under this act, and if you have need for special arrangements to allow you to meet the requirements of this course, please contact the Access Office for Students with Disabilities in Nevins Hall, 245-2498. Also, please discuss this need with the

-from the Academic Affairs webpage

This is a tentative schedule; changes will be announced in class. Due dates will be announced in class, email. Please check your email.

Date	topic	Reading assignments **(please read before coming to class**
M1/10		
M1/10lab		
W1/12		

	yeast and bacteria wet mount (hand-in drawing)
F2/4	Prokaryote cell structure

W4/6	Applications of immunology	Textbook Ch. 19
W4/6lab	Effectiveness of antibiotics, disinfectants and alcohol cont., run genomic DNA gel	Lab ex. 32, 33, 34
F4/8	Host-Microbe Interactions	Textbook Ch. 17
M4/11	**Exam III**	
M4/11lab	**Oral presentations,** PCR	Lab supplement
W4/13	Replication, PCR, sequencing	Textbook Ch. 7, 9.6, 9.5
W4/13lab	**Oral presentations,** run PCR gel	
F4/15	Transcription and translation	Textbook Ch. 7

M4/18

M4/18lab

W4/20

W4/20lab

F4/22

2.) **Do not study superficially or merely for recognition. You need to study the material for recall, ve not passive.** Reading alone is not sufficient. I recommend using drawings, concept maps, outlines, verbalizing concepts, working problems and the like. If you need help developing study skills, I recommend going to the Student Success Center.

3.) **You will need to see the material several times before it will sink in.** This is not easy material, especially since many of you limited background in biology and chemistry. I recommend reading the text before class, taking notes during class (the power-points do not substitute for note-taking), reviewing your notes after class and looking up confusing concepts immediately. I have also found that students who ask questions about the material immediately after class tend to do better.

4.) **Come to class!!!** Do not schedule work during class time. By registering for this class, you have

much easier if you come to class. Also, I will give random, short quizzes during class which will go towards your participation points.

5.) **Please have your mind engaged during class and ask questions!** Physically being in class is not the same as mentally being in class. Typically, the students who do the best are the ones who ask questions. I give many opportunities during class for questions and I am open to interruptions so feel

questions in class, come to my office hours or email me to make an appointment.

6.) **You also need to mentally engaged in lab!**
you understand the material, but you need to pay attention in lab. You also need to come prepared and read the lab manual before coming to class. You have to be prepared to make the mental connections between lab and lecture.

7.) **Come to lab on time and listen!**
will not explain it repeatedly so you need to be at lab on time and ready to listen. Once you get started with lab, then you can talk all you want.

8.) **It is your responsibility to learn this material!!!** I can give you all the tools to learn this material, but

-active!