

VALDOSTA STATE UNIVERSITY

BIOLOGY 2900--FALL 2012

INSTRUCTOR: Dr. J. A. NIENOW

IF I SEE OR HEAR YOUR CELL PHONE DURING THE EXAM, YOU WILL BE TOLD TO TURN YOUR EXAM IN IMMEDIATELY. IF YOU LEAVE THE EXAM ROOM DURING THE EXAM FOR ANY REASON, YOU WILL BE TOLD TO TURN IN YOUR EXAM IMMEDIATELY. Estimated total from exams ~~55~~ 50 points.

LABORATORY GRADES: Periodically you will be asked to complete informal and formal reports of your lab work. You should also be prepared for occasional announced and unannounced quizzes. Estimated total from laboratory reports and quizzes ~~20~~ 20 points.

ORAL REPORTS: All students will be required to prepare and deliver a 7 minute talk on a microbiological subject (see separate handout). PRESENTATION OF AN ORAL REPORT IS MANDATORY. FAILURE TO GIVE AN ORAL REPORT WILL RESULT IN A ZERO FOR THE ENTIRE LAB PORTION OF THE GRADE!!! Points for this talk will be distributed as follows: preliminary information from the text ~~10~~ 10 points; copies of references from the scientific literature ~~20~~ 20 points; detailed outline of the report ~~40~~ 40 points; printouts of the power point slides ~~50~~ 50 points; presentation of the oral report ~~50~~ 50 points. Estimated total for the oral report assignment ~~200~~ 200 points.

GRADING: Your grade will depend on how well you do on the exams, quizzes, and reports following

SCHEDULE OF LECTURES AND LABS
BIOLOGY 2900, SPRING 2005

Note: Pacing and testing dates may be changed if the need arises. Attend class regularly.

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| WEEK 1 | - | - |
| 1-10 | LAB --Orientation; Lab safety; Brightfield microscopy; | |

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| 2-14 | LAB --Finish plate counts; Effectiveness of alcohol as an antiseptic | ex. 32 |
| 2-15 | LECTURE --Review of DNA replication/protein synthesis | Chapters 7 |
| 2-16 | LAB | |

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| 4-04 | LAB --Bacteriological analysis of urine; Isolation of oral streptococci | suppl. |
| 4-05 | LECTURE --Adaptive immunity | chapter 16 |
| 4-06 | LAB --Continue bacteriological analysis of urine | ex. 43, suppl. |
| 4-07 | LECTURE -- | |