

## MICROBIOLOGY- BIOLOGY 202 LABORATORY-2014

**COURSE DESCRIPTION:** An introduction to the study of microorganisms and their relationship to man. Lab work includes microscopic study, application of aseptic techniques, culturing microbes and diagnostic testing.

**INSTRUCTOR:** Elma Severson

**OFFICE:** NSC 108

**OFFICE HOURS:** By Appointment

**PHONE:** 228-5467

**E-MAIL :** elma.severson@dakotacollege.edu

**LECTURE:** 9:00-9:50AM on M,W,and F in NSC 105 with K. Cabarle

**LAB:** 3:00-4:50 pm on Wednesdays in NSC 128

**LAB MANUAL:** Benson's Microbiological Applications, 10<sup>th</sup> edition Short Version

Laboratory Manual in General Microbiology- Alfred E. Brown

**GRADING:** Grading is based on a standard college curve, where students earn a grade based on the percent of the total points possible they obtain. The laboratory component of this course consists of 200 points (15 labs @ 5 points each( 2 points for attendance and participation and 3 points for lab reports. Quizzes will be given in addition to lab reports or in place of ), five lab exams @ 15 points each, 10 points for individual projects, and two unknowns @ 20 points each. Laboratory points are added to lecture points (400) to obtain the total points possible for the course (600). There is one week grace period to make-up any missed lab exam. Any missed lab exam not made within the allotted time will be given a zero. Due to the nature of the lab, students are not able to make up labs with the exception of labwork for the unknown organisms project. At which time lab work can be arranged with the lab instructor. Letter grades are assigned based on the following criteria:

A= 90-100% of the total points

B= 80-89% of the total points

C= 70-79% of the total points

D= 60-69% of the total points

F=<60% of the total points

