

MICROBIOLOGY

Instructor:	Dr. Ronald Sizemore	BIO 425
Office:	Friday 2028B	Spring 2012
Telephone:	962-3670	Office hours: MWF 9:00-9:45
Email:	Sizemorer@uncw.edu	or by Appointment

<u>No.</u>	<u>Date</u>	<u>LECTURE</u>	<u>Topic</u>	<u>Chapter</u>
1	Jan 11	Microbiology		1
2	Jan 13	History		1
		MLK Holiday		
3	Jan 18*	Microscopes		2
4	Jan 20	Cell Biology		4
5	Jan 23	----		4
6	Jan 25	Microbial Nutrition		5
7	Jan 27	Microbial Metabolism		5
8	Jan 30	Microbial Growth		6
9	Feb 1	Control of Microbial Growth		27
10	Feb 3	TEST I		-
11	Feb 6	Control of Growth (contd.)		27
12	Feb 8	Molecular Biology		7
13	Feb 10	----		7
14	Feb 13	Gene Regulation		9
15	Feb 15	----		9
16	Feb 17	Bacterial Genetics		11
17	Feb 20	----		11
18	Feb 22	Virology		10
19	Feb 24	Human-Microbe Interactions		28
20	Feb 27	TEST II		-
21	Feb 29	Immunology		29-30
22	Mar 2	Epidemiology		33
23	Mar 5	Diagnostic Microbiology		32
24	Mar 7	Person to Person Diseases		34
25	Mar 9	Vector Transmitted Diseases		35
		Spring break		
26	Mar 19	Diseases (contd.)		35
27	Mar 21	Water Treatment & Waterborne Diseases		36
28	Mar 23	Diseases (contd.)		36
29	Mar 26	Food Microbiology		37
30	Mar 28	TEST III		
31	Mar 30	Genetic Engineering		12

<u>LECTURE</u>				
<u>No.</u>	<u>Date</u>	<u>Topic</u>		<u>Chapter</u>
32	Apr 2	----		12
33	Apr 4	Microbial Genomics		13
		Easter		
34	Apr 9	Industrial Microbiology		25
35	Apr 11	Biotechnology		26
36	Apr 13	Microbial Diversity		14
37	Apr 16	Microbial Systematics		14
38	Apr 18	Prokaryotic Diversity: Bacteria		15
39	Apr 20	Prokaryotic Diversity (contd.)		15
40	Apr 23	Prokaryotic Diversity: Archaea		
41	Apr 25	TEST IV		17
42	Apr 27	Prokaryotic Diversity (contd.)		17
43	Apr 30	Summary		

*****May 2 – 11:30am – 2:30pm– FINAL EXAM*****

* Jan 24 = Last Day to add or drop without a grade

Feb 28= Last day to withdraw with W

**THE DEPARTMENT OF BIOLOGICAL SCIENCES STRONGLY SUPPORTS
THE ACADEMIC HONOR CODE AS STATED IN THE STUDENT HANDBOOK AND
CODE OF STUDENT LIFE AND WILL NOT TOLERATE ACADEMIC DISHONESTY**

Grading:

Lecture Grade:

Tests (4)	200 points each
Final exam	<u>200 points</u>

Total Points for Course

TOTAL 100 % = 1000 points

Grades:

A = 90 – 100 %

B = 80 – 89 %

C = 70 – 79 %

D = 60 – 69 %

F = > 60%

W = < 60 %

(+/- Grades will not be assigned in this course)

Note:

1. **Test dates** will not be changed except under extraordinary circumstances (e.g. hurricanes, snowstorms, etc).
2. Copies of the **old tests** are available for viewing on the Internet at <http://people.uncw.edu/sizemorer/rkswww> (this site contains other material relevant to the course).
3. **You are NOT allowed to drop or miss a TEST.** If uncontrollable circumstances prevent you from taking a test, you **MUST** notify me (e.g. telephone and leave a message or email) with an acceptable excuse at or before the time of the test. The instructor reserves the right to define what is an acceptable excuse. General examples: **Simply not being prepared is NOT an acceptable excuse**, while sickness, family emergencies and transportation problems are generally sufficient excuses. If you are excused from taking a test, the 3 remaining tests will be averaged and the average will count as the score for the missed test. Missing 2 tests is unacceptable.
4. Please be sure to **turn off** your cell phones before lecture starts and **during exams.** **Restroom breaks** are not allowed during exams.
5. **Attendance** at lectures is strongly recommended but not required. You are required to attend when tests are given. **Tardiness** is disruptive to the class and could result in lower evaluation scores.

TEXT:

Lecture: M. T. Madigan, J. M. Martinko, P. V. Dunlap and D. P. Clark. **Brock Biology of Microorganisms** (12th Edition, 2009). Used copies are available online. (This text is not required but is recommended)