

# MICROBIOLOGY

<b>Instructor:</b>	Dr. Ronald Sizemore	<b>BIO 425</b>
<b>Office:</b>	Friday 2028B	<b>Spring 2014</b>
<b>Telephone:</b>	962-3670	<b>Office hours: MWF 9:00-9:45</b>
<b>Email:</b>	Sizemorer@uncw.edu	<b>or by Appointment</b>

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

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<u>LECTURE</u>			
<u>No.</u>	<u>Date</u>	<u>Topic</u>	<u>Chapter</u>
33	Apr 7	Vector Transmitted Diseases	35
34	Apr 9	(contd)	
35	Apr 11	Water Treatment & Diseases	36
36	Apr 14	(contd.)	36
37	Apr 16	Food microbiology	37
<b>Easter April 17-20</b>			
38	Apr 21	Control of Growth	27
39	Apr 23	Industrial Microbiology	25
40	Apr 25	TEST IV	
41	Apr 28	Microbial Diversity	14
42	Apr 30	Summary	

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**\*\*\*May 7 – 8:00am – 11:00am– 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**

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### 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** (12<sup>th</sup> Edition, 2009). Used copies are available online. (This text is not required but is recommended)