

**TENTATIVE SCHEDULE  
MICROBIOLOGY for HEALTH SCIENCES (MCB 2010)  
MTWR 9:15AM- 10:45AM  
Summer I 2015**

Monday	Tuesday	Wednesday	Thursday
		<b>May 6</b> Ch. 1 Intro to Microbiology	<b>May 7</b> Ch. 4 Microscopy and Staining
<b>May 11</b> Ch. 3 Prokaryotes	<b>May 12</b> Ch. 6 Microbial Growth	<b>May 13</b> <b>Test 1 Ch. 1,3,4,6</b>	<b>May 14</b> Ch. 7 Microbial Genetics
<b>May 18</b> Ch. 9 Control of Microbial Growth	<b>May 19</b> Ch. 10 Antibiotics and Antimicrobial Drugs	<b>May 20</b> <b>Test 2 Ch. 7, 9, 10</b>	<b>May 21</b> Ch. 11 Prokaryotes
<b>May 25</b> <b>Memorial Day-No Class</b>	<b>May 26</b> Ch. 12 Eukaryotes	<b>May 27</b> Ch. 13 Viruses	<b>May 28</b> Ch. 14 Infectious Disease and Epidemiology
<b>June 1</b> <b>Test 3 Ch. 11-14</b>	<b>June 2</b> Ch. 15 Innate Immunity <b>Last Day to Withdraw</b>	<b>June 3</b> Ch. 16 Adaptive Immunity	<b>June 4</b> Ch. 17.1 Vaccines
<b>June 8</b> <b>Test 4 Ch. 15-17.1</b>	<b>June 9</b> Ch. 22 Respiratory Diseases	<b>June 10</b> Ch. 23 Digestive Diseases	<b>June 11</b> Ch. 24 Urinary and Reproductive Diseases
<b>June 15</b> <b>Test 5 Ch. 22-24</b>	<b>June 16</b> Finals Review	<b>June 17</b> <b>Final Exam (Tests 1-4)</b>	

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Professor: Dr. Adrienne Cottrell-Yongye (Dr. CY)  
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E-mail: ayongye@irsc.edu  
Companion Website: Blackboard.irsc.edu; <http://ayongye-irsc.weebly.com/>

Text: Microbiology with Diseases by Body System, Bauman, 4<sup>th</sup> Edition

**Office Hours:** M-R 11AM-12PM, via email, and by appointment

**Cellular Phones:**

All cellular phone devices must set to silent or vibrate. **This includes no texting in class.** You may be dismissed from class if you fail to comply with this policy.

**Communication:**

Please be in the habit of checking your IRSC/BlackBoard email **at least once per day.** This is the primary way I communicate with you outside of class.

### **Quizzes and Tests:**

**Quizzes:** 17 Online quizzes located on BlackBoard (10 points each) will be given over the material covered in class. All quizzes must be taken on the BlackBoard site before their respective deadlines to count towards the final grade. **Two of your lowest quiz grades will be dropped, if you have taken all quizzes.**

Quiz deadlines will be announced in class and posted on Blackboard. Online Quizzes **WILL NOT** be re-opened after their respective deadlines.

**Tests:** 5 exams (50 questions, 100 points each) and 1 comprehensive final (50 questions, 100 points). You will need a scantron (available at the bookstore) to take the unit exams. You will need a #2 pencil to mark your answers, and **you are responsible for ensuring that all erasures are complete. I will not re-grade any scantron after it has been returned to the student, unless there was an error in the answer key. Scantrons must be free of writing (besides student's name) before the student starts an exam.**

**\*\*\*Students arriving late for an exam after any student has completed the exam and left the room will not be allowed to take exam\*\*\***

**\*\*\*\* If your cell phone goes off during an exam, you will be asked to leave the exam, and your scantron will be graded as is at that time.\*\*\***

### **Make-up policy:**

**No make-up exams or quizzes are given.** The missed exam will be considered to be the dropped test. This should cover any illness, emergency, or other unexpected events. You should bank this opportunity thereby allowing you to DROP one 100-point grade if you have taken all tests. Contact instructor **before** exam if you plan to miss it. Two out of 17 online quiz grades will be dropped in the event you miss quiz deadlines.

### **Attendance:**

Students are expected to attend class. Students missing class must contact the instructor to find out pertinent information (ex. test dates, announcements, etc.). Students that miss class are responsible for obtaining the notes from fellow classmates. Online quizzes must be taken online as above. **If you will be missing class, please give me the courtesy of letting me know. You will lose 10% of your final grade for every three unexcused absences you occur**

### **Extra Credit:**

No extra credit is given. Students need to spend their time on required material.

**Grades:**

Grades for the semester are based upon 650 points. Students taking **ALL** five exams will be allowed to drop the lowest exam grade (**Tests #1-5**). Students taking **ALL** quizzes will be allowed to drop the lowest two quiz grades. If you are passing the course with a D or better and do not take the final exam, you will receive an incomplete grade of "I". If you are failing the course and do not take the final exam, you will receive a grade of "F".

4 Exam scores (400) + 1 Final (100) + 15 Quizzes (150) = 650 points

A: 650-585 pts    B: 584-520 pts;    C: 519-455 pts;

D: 454-390 pts;    F: below 390 pts

I: an incomplete given to **passing** students only in EXTREME cases

**Withdrawal:**

Please contact the instructor if you feel that you need to withdraw. It might not be necessary. **You will NOT be automatically withdrawn if you stop coming to class. This will result in a grade of "F"**. Withdrawal requires that you submit an official IRSC form which can be obtained at Educational Services or any site office. Students wanting to withdraw must do so by **Tuesday, June 2. I will not give an instructor withdrawal (WI) unless you come and talk with me before taking the final exam.**

**Cheating:**

Cheating of ANY kind WILL NOT be tolerated by this Department. Anyone caught cheating will automatically receive an F on that assignment. Using a cell phone during a test is considered cheating.

**Disabilities:**

Indian River State College provides reasonable accommodations to students with documented disabilities through the Educational Services Division / Student Disability Services Office. The rights of students with disabilities which pertain to post-secondary education are provided under Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act (ADA) of 1990. These laws prohibit discrimination by institutions to "otherwise qualified" students with disabilities. This enables such students to have an equal opportunity to benefit from the education offered by those institutions.

If you have been certified with the Student Services Department as having a disability, you must discuss your specific needs with your instructor.

**Learning Outcomes:**

- 1) Make use of technology to organize, acquire, and convey information
  - Use Angel/instructor website for course content, assignments, documents, and communication

- Use the internet and the departmental web page for research and tutorials relevant to course work
- 2) Using the scientific method, critically analyze and evaluate scientific data and utilize analytical skills to solve problems relevant to biology.
- Communicate major biological concepts and relate how these are connected within various areas of the biological and physical sciences.
  - Apply problem solving, analytical, and communication skills based on the scientific method that will provide the foundation for lifelong learning and career development.
  - Evaluate and discuss contemporary social and ethical issues related to microbiology and medicine.
  - Demonstrate an awareness of the careers and professions available in the biological sciences

**Course Objectives:**

- To acquire a basic understanding of microbial anatomy and physiology.
- To understand the infectious disease process and the defense mechanisms of the host.
- To understand how objectives 1 and 2 apply to clinical situations.
- To understand basic microbiological techniques.

If you are experiencing difficulty in your course, your first obligation is to work directly with your instructor to resolve the issue. If you are unable to settle your concerns with the assistance of your instructor, you can contact the Department Chair (Professor Sherry Bowen, [sbowen@irsc.edu](mailto:sbowen@irsc.edu), 772-462-7502), who will assist you or advise you about contacting the Academic Dean (Dr. Paul Horton, [phorton@irsc.edu](mailto:phorton@irsc.edu), 772-462-7520) or Vice President (Dr. Anthony Iacono, 772-462-4796).