Microbiology for the Health Sciences 01:119:131 Fall 2018

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Office Hours: 1:00-1:30pm M,F and 12:00-12:30pm T,Th,F (also by arrangement)

Course website: http://lifesci.dls.rutgers.edu/skelly/


Grades: The 4 exams each contribute 25% toward the final grade. The final grade is based on the following scale:

- A = 90 – 100%  359 - 400
- B+ = 86 – 89%  341 - 358
- B = 80 – 85%  320 - 340
- C+ = 76 – 79%  301 - 319
- C = 70 – 75%  280 - 300
- D = 60 – 69%  240 - 279
- F = < 60%  < 240

Any Pop Quiz given in lecture would be used as extra credit points. There are no make-up pop quizzes.

**Cheating will not be tolerated. Students need to comply with the Rutgers Policy on academic integrity:**
http://academicintegrity.rutgers.edu/academic-integrity-policy/

<table>
<thead>
<tr>
<th>Lecture Date</th>
<th>Topics</th>
<th>Chapters</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/5</td>
<td>Microbiology History, Chemistry, Taxonomy</td>
<td>1,2, 3*10 p.232-238</td>
</tr>
<tr>
<td>9/10</td>
<td>Light Microscopy, Staining, Cell Characteristics</td>
<td>4*, 5</td>
</tr>
<tr>
<td>9/12</td>
<td>Cell Characteristics</td>
<td>5</td>
</tr>
<tr>
<td>9/17</td>
<td>Microbial Metabolism</td>
<td>6</td>
</tr>
<tr>
<td>9/19</td>
<td>Microbial Metabolism</td>
<td>6</td>
</tr>
<tr>
<td>9/24</td>
<td>Microbial Growth</td>
<td>7</td>
</tr>
</tbody>
</table>
Exam 1 (lectures 9/5- 9/24)

10/1 Microbial Genetics 8
10/3 Microbial Genetics 8
10/8 Gene Transfer 9
10/10 Gene Transfer 9
10/15 Viruses 11
10/17 Viruses and Viral Diseases 11, 20-25*
10/22 Sterilization and Disinfection 13
10/24 Exam 2 (lectures 10/1– 10/17)
10/29 Antimicrobial Therapy 14
10/31 Host Microbe Relationships 15
11/5 Medical Bacteriology 20 – 25*
11/7 Medical Bacteriology 20 – 25*
11/12 Medical Bacteriology 20 – 25*
11/14 Exam 3 (lectures 10/22 – 11/12)
11/26 Clinically Important Fungi, Protozoa 20 – 25*
11/28 Innate Host Defenses 17
12/3 Immunology 18
12/5 Immunology 18, 19
12/10 Immunology 19
12/12 Epidemiology and Nosocomial Infections 16
12/20 Exam 4 (lectures 11/26 – 12/12) 4:00pm start time

*selected topics only