

# How to Get an “A” in MCB 3020 L

## Welcome to the General Microbiology Lab

### Fall – 2016 Syllabus

SECTION: Times TuTh	TEACHING ASSISTANT	CONTACT
01: 8:30 – 11:20 AM	Chinmayee Bhedi	<a href="mailto:bhedichin@gmail.com">bhedichin@gmail.com</a>
02: 11:30AM – 2:20 PM	Falguni Paul	fpaul014@fiu.edu
03: 2:30 – 5:20 PM	Arita Chatterjee	achat012@fiu.edu
04: 5:30 – 8:20 PM	AJM Zehadee Momtaz	amomt001@fiu.edu

**On Blackboard in Information are Lab Rules, Lab Experiments and Lab Appendix.**

#### **Aug**

23 – No Lab, Get Ready for the First Lab on Thursday!

25 - Introduction to Microbiology Lab. Experiment 1 **Microscopy**

30 - Experiment 2 **Gram Stain**

#### **Sept**

1- Experiment 3 **Viable Titer and Pure Culture and New Way to Fix for Gram stain.**

6 - Experiment 3, con't, Alternative Gram stain Experiment.

8 – Experiment 3, con't

13 – Experiment 3 finish, Experiment 4 **Phenotype**

15 – Experiment 4 con't See below for Access to API20 Instructions + Experiment 5 **Winogradsky Column and Enrichment Culture**

20 - Expt 4 con't (Inoculate API Strips) + Expt 5: Student ORAL Presentations:  
Enrichment Culture, Inoculation of Enrichment culture in broth

22 - Analyze API strips, Expt 4 finish; Experiment 5 con't: Winogradsky and Inoculation of Enrichment Culture on plates.

27 - Experiment 5 con't. and Experiment 6 **Spore Stain and Acid Fast Stain**

29 - Finish Expt. 5

#### **Oct**

4 - Experiment 7 **What is Yogurt** + 30 Minute LAB MIDTERM EXAM

6 - Experiment 7 con't

11 – Experiment 7 con't,  
13 - Experiment 7 finish

18 - Experiment 8 **Human Symbiotic Bacteria**  
20 - Experiment 8 con't

25 - Experiment 8 con't, Experiment 5 Winogradsky Column;  
27 – Experiment 8 finish

### **Nov**

1 – Experiment 9 **Bacteriophage**  
3 - Experiment 9 con't

8 – Experiment 9 con't  
10- Experiment 9 finish

15 - Experiment 5 con't.  
17 – Experiment 5 finish.

22 – No lab

### **29- Final Lab Exam**

#### **GRADING:**

Quizzes are once a week after the first week of classes.

Grades: 90% to 100% = A

80% to 89% = B

70% to 79% = C

60% to 69% = D

>60% = F

<b>Graded Activity</b>	<b>Points/Each</b>	<b>Total Points</b>
<b>Lab Reports (7)</b>	<b>5</b>	<b>35</b>
<b>Oral Presentation</b>	<b>10</b>	<b>10</b>
<b>Quizzes (12)- 1 per week</b>	<b>5</b>	<b>60</b>
<b>Midterm Exam</b>	<b>25</b>	<b>25</b>
<b>Final Exam</b>	<b>50</b>	<b>50</b>
<b>Total</b>		<b>180</b>