

# Biological Principles for Non-Majors 1005 Laboratory Schedule

**BC Central Campus**

**Session I 2021**

1/6 /2021 – 4/24/2021

All required readings should be completed before coming to the lab. Lab coats, closed toe shoes and eye protection are required for all laboratories.

Dates	Lab #	Lab Title	Required Pre-Lab Reading Hoefnagels (4 <sup>th</sup> Edition)
1/12-16	1	Everyday Biology: What's the Point?	Pages: 10 – 14
1/19-23	2	Lab Equipment: Let's Get to Know Each Other!	Pages: 47 and 48
1/26-30	3	Water and pH: No One Wants to be Basic all the Time	Pages: 26 – 30
2/2-6	4	Cell Chemistry: You are What You Eat!	Pages: 30 – 39
2/9-13	5	Enzymes: Always Looking for a Matching Substrate	Pages: 78 and 79
2/16-20		<b>NO Lab</b>	
2/23-27	6	Properties of the Cell Membrane: The Good, The Bad, The Selective	Pages: 54 and 55, 80 – 84
3/2-6		<b>No Lab</b>	
3/9-13	7	Cell Division: Splitting Up!	Pages: 146 – 156, 170 – 176
3/16-20]	8	Photosynthesis: Let There be Light!	Chapter 5
3/23-27	9	Bacteria and Fungi: They Are All Around Us!	Pages: 50 – 52, Chapters 17 and 20
3/30-4/3	10	Mendelian Genetics: Where Did You Get Those "Genes"?	Pages 188 – 200
4/6-10	11	Biotechnology: How Science Can Prevent the Zombie Apocalypse	Chapter 11
4/13-17	12	Biotechnology: How Science Can Prevent the Zombie Apocalypse	Chapter 11
4/20-24	13	Eukarya Domain: Animalia Kingdom	Chapter 21

**READ YOUR LAB MANUAL BEFORE COMING TO CLASS!!!!!!**

**Important Dates:**


**Lab Times:**

<u>Monday</u>	<u>Tuesday</u>	<u>Wednesday</u>	<u>Thursday</u>	<u>Friday</u>	<u>Saturday</u>
					10:00 – 11:50