

# Biological Principles for Non-Majors 1005 Laboratory Schedule

**BC Central Campus**

**Session I 2019**

1/15 /2019 – 4/27 /2019

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

<b>Dates</b>	<b>Lab #</b>	<b>Lab Title</b>	<b>Required Pre Lab Reading Hoefnagels Textbook (4<sup>th</sup> Edition)</b>
1/15 - 19	1	Introduction: Safety and Scientific Method	<u>Pages:</u> 10-14
1/22 – 26	2	Forensic Microscopy	<u>Pages:</u> 47-48
1/29 – 2/2	3	Cell Chemistry I: Amino Acids, Water and pH	<u>Pages:</u> 22-30, 32-34
2/5 - 9	4	Cell Chemistry II: Carbohydrates and Lipids	<u>Pages:</u> 30-32, 36-39
2/12 – 16	5	Enzymes	<u>Pages:</u> 78-79
2/ 19 - 23		Lab closed	
2/26 – 3/2	6	The Cell Membrane	<u>Pages:</u> 54-55, 80-84
3/ 4 - 9		Spring Break	
3/12 – 16	7	Cell Diversity: Bacteria and Fungi	<u>Page(s):</u> 8-9 & 50-53 <u>Chapters:</u> 17 & 20
3/19 – 23	8	Cells: Diversity and Uniformity	<u>Page(s):</u> 8-9 & 52-66
3/ 26 – 30	9	Mitosis and the Cell Cycle	<u>Pages:</u> 153-156
4/ 2 – 6	10	Photosynthesis	Chapter 5
4/ 9 -13	11	Mendelian Genetics: Blood typing and a Goodness of Fit Test	<u>Pages:</u> 188-196 & 199-200 214-215 (sample genetics problems)
4/ 16 – 20	12	Animal Diversity	Chapter 21
4/23 - 27	13	Biotechnology: DNA Fingerprinting	<u>Pages:</u> 34-36 and 223-225

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

**Important Dates:**

2/19 -23	Lab closed
3/ 4 - 9	Spring Break

**Lab Times:**

<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>	<b>Saturday</b>
	8:30 – 10:20	8:30 – 10:20	8 – 9:50	8:30 – 10:20	12:30 – 2:20
	11 – 12:50	11 -12:50	10:30 – 12:20		
		1:30 – 3:20	1 – 2:50		
		4 – 5:50	6 – 7:50		