

Biological Principles for Non-Majors Laboratory Schedule

BC Central Campus

Fall Session 2 2018

8/20/2018 – 10/3/2018

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 in Hoefnagels Textbook (4th Edition)
8/20	1	Introduction: Safety and Scientific Method	<u>Pages:</u> 10-14
8/22	2	Forensic Microscopy	<u>Pages:</u> 47-48
8/27	3	Cell Chemistry I: Amino Acids, Water and pH	<u>Pages:</u> 22-30, 32-34
8/29	4	Cell Chemistry II: Carbohydrates and Lipids	<u>Pages:</u> 30-32, 36-39
9/3		LAB CLOSED – Labor Day	
9/5	5	Enzymes	<u>Pages:</u> 78-79
9/10	6	The Cell Membrane	<u>Pages</u> 54-55, 80-84
9/12	7	Cell Diversity: Bacteria and Fungi	<u>Page(s):</u> 9 & 50-53 Chapters: 17 & 20
9/17	8	Cells: Diversity and Uniformity	<u>Page(s):</u> 9 & 52-66
9/19	9	Mitosis and the Cell Cycle	<u>Pages:</u> 153-156
9/24	10	Photosynthesis	Chapter 5
9/26	11	Mendelian Genetics: Blood typing and a Goodness of Fit Test	<u>Pages:</u> 188-196 & 214-215
10/1	12	Animal Diversity	<u>Chapter:</u> 21
10/3	13	Biotechnology: DNA Fingerprinting	<u>Pages:</u> 34-36 and 224-225

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

Important Dates:

9/3		LAB CLOSED – Labor Day
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Lab Times:

<u>Monday</u>	<u>Tuesday</u>	<u>Wednesday</u>	<u>Thursday</u>
11-12:50		11-12:50	
1:30-3:20		1:30-3:20	
6:30-8:20		6:30-8:20	