

Biological Principles for Non-Majors Laboratory Schedule

BC Central Campus

Fall Session 4- 2018

10/17/2018 - 12/5/2018

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)
10/17	1	Introduction: Safety and Scientific Method	<u>Pages:</u> 10-14
10/22	2	Forensic Microscopy	<u>Pages:</u> 47-48
10/24	3	Cell Chemistry I: Amino Acids, Water and pH	<u>Pages:</u> 22-30, 32-34
10/29	4	Cell Chemistry II: Carbohydrates and Lipids	<u>Pages:</u> 30-32, 36-39
10/31	5	Enzymes	<u>Pages:</u> 78-79
11/5	6	The Cell Membrane	<u>Pages</u> 54-55, 80-84
11/7	7	Cell Diversity: Bacteria and Fungi	<u>Page(s):</u> 9 & 50-53 <u>Chapters:</u> 17 & 20
11/12		No Lab	
11/14	8	Cells: Diversity and Uniformity	<u>Page(s):</u> 9 & 52-66
11/19	9	Mitosis and the Cell Cycle	<u>Pages:</u> 153-156
11/21		No Lab	
11/26	10	Photosynthesis	Chapter 5
11/28	11	Mendelian Genetics: Blood typing and a Goodness of Fit Test	<u>Pages:</u> 188-196 & 214-215
12/3	12	Animal Diversity	<u>Chapter:</u> 21
12/5	13	Biotechnology: DNA Fingerprinting	<u>Pages:</u> 34-36 and 224-225

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

Important Dates:

11/12	No Lab
11/21	No Lab

Lab Times:

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