

Biological Principles for Non-Majors 1005 Laboratory Schedule

BC Central Campus

Session 2 2019

1/15 /2019 – 2/26 /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.

Dates	Lab #	Lab Title	Required Pre Lab Reading Hoefnagels Textbook (4 th Edition)
1/15	1	Introduction: Safety and Scientific Method	<u>Pages:</u> 10-14
1/17	2	Forensic Microscopy	<u>Pages:</u> 47-48
1/22	3	Cell Chemistry I: Amino Acids, Water and pH	<u>Pages:</u> 22-30, 32-34
1/24	4	Cell Chemistry II: Carbohydrates and Lipids	<u>Pages:</u> 30-32, 36-39
1/29	5	Enzymes	<u>Pages:</u> 78-79
1/31	6	The Cell Membrane	<u>Pages:</u> 54-55, 80-84
2/5	7	Cell Diversity: Bacteria and Fungi	<u>Page(s):</u> 8-9 & 50-53 <u>Chapters:</u> 17 & 20
2/7	8	Cells: Diversity and Uniformity	<u>Page(s):</u> 8-9 & 52-66
2/12	9	Mitosis and the Cell Cycle	<u>Pages:</u> 153-156
2/14	10	Photosynthesis	Chapter 5
2/19	11	Mendelian Genetics: Blood typing and a Goodness of Fit Test	<u>Pages:</u> 188-196 & 199-200 214-215 (sample genetics problems)
2/21	12	Animal Diversity	Chapter 21
2/26	13	Biotechnology: DNA Fingerprinting	<u>Pages:</u> 34-36 and 223-225

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

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