

Biological Principles for Non-Majors 1005 Laboratory Schedule

BC Central Campus

Session 4- 2019

3/19 /2019- 4/30/2019

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 (4th Edition)
3/19	1	Introduction: Safety and Scientific Method	<u>Pages:</u> 10-14
3/21	2	Forensic Microscopy	<u>Pages:</u> 47-48
3/26	3	Cell Chemistry I: Amino Acids, Water and pH	<u>Pages:</u> 22-30, 32-34
3/28	4	Cell Chemistry II: Carbohydrates and Lipids	<u>Pages:</u> 30-32, 36-39
4/2	5	Enzymes	<u>Pages:</u> 78-79
4/4	6	The Cell Membrane	<u>Pages:</u> 54-55, 80-84
4/9	7	Cell Diversity: Bacteria and Fungi	<u>Page(s):</u> 8-9 & 50-53 <u>Chapters:</u> 17 & 20
4/11	8	Cells: Diversity and Uniformity	<u>Page(s):</u> 8-9 & 52-66
4/16	9	Mitosis and the Cell Cycle	<u>Pages:</u> 153-156
4/18	10	Photosynthesis	Chapter 5
4/23	11	Mendelian Genetics: Blood typing and a Goodness of Fit Test	<u>Pages:</u> 188-196 & 199-200 214-215 (sample genetics problems)
4/25	12	Animal Diversity	Chapter 21
4/30	13	Biotechnology: DNA Fingerprinting	<u>Pages:</u> 34-36 and 223-225

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

Lab Times:

Monday	Tuesday	Wednesday	Thursday	Friday
	11:00 - 12:50		11:00 - 12:50	
	1:30 - 3:20		1:30 - 3:20	
	6:30 - 8:20		6:30 - 8:20	