

# Biological Principles for Non-Majors 1005 Laboratory Schedule

**BC Central Campus**

**Session 4- 2018**

3/15/2018- 4/26/2018

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 Hoefnagels Textbook (4 <sup>th</sup> Edition)
3/15	1	Introduction: Safety and Scientific Method	<u>Pages:</u> 10-14
3/20	2	Forensic Microscopy	<u>Pages:</u> 47-48
3/22	3	Cell Chemistry I: Amino Acids, Water and pH	<u>Pages:</u> 22-30, 32-34
3/27	4	Cell Chemistry II: Carbohydrates and Lipids	<u>Pages:</u> 30-32, 36-39
3/29	5	Enzymes	<u>Pages:</u> 78-79
4/3	6	The Cell Membrane	<u>Pages:</u> 54-55, 80-84
4/5	7	Cell Diversity: Bacteria and Fungi	<u>Page(s):</u> 8-9 & 50-53 <u>Chapters:</u> 17 & 20
4/10	8	Cells: Diversity and Uniformity	<u>Page(s):</u> 8-9 & 52-66
4/12	9	Mitosis and the Cell Cycle	<u>Pages:</u> 153-156
4/17	10	Photosynthesis	Chapter 5
4/19	11	Mendelian Genetics: Blood typing and a Goodness of Fit Test	<u>Pages:</u> 188-196 & 199-200 214-215 (sample genetics problems)
4/24	12	Animal Diversity	Chapter 21
4/26	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>	<u>Friday</u>
	11:00 - 12:50		11:00 - 12:50	
	1:30 - 3:20		1:30 - 3:20	
	6:30 - 8:20		6:30 - 8:20	