

Biological Principles for Non-Majors 1005 Laboratory Schedule

BC Central Campus

Term 3: Session 2 2018

5/14 - 6/18

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)
5/14	1	Introduction: Safety and Scientific Method	<u>Pages:</u> 10-14
5/16	2	Forensic Microscopy	Pages: 47-48
5/18	3	Cell Chemistry I: Amino Acids, Water and pH	<u>Pages:</u> 22-30, 32-34
5/21	4	Cell Chemistry II: Carbohydrates and Lipids	<u>Pages:</u> 30-32, 36-39
5/23	5	Enzymes	Pages: 78-79
5/28		Lab closed	
5/30	6	The Cell Membrane	Pages: 54-55, 80-84
6/1	7	Cell Diversity: Bacteria and Fungi	<u>Page(s):</u> 8-9 & 50-53 Chapters: 17 & 20
6/4	8	Cells: Diversity and Uniformity	Page(s): 8-9 & 52-66
6/6	9	Mitosis and the Cell Cycle	Pages: 153-156
6/11	10	Photosynthesis	Chapter 5
6/13	11	Mendelian Genetics: Blood typing and a Goodness of Fit Test	<u>Pages:</u> 188-196 & 199-200 214-215 (sample genetics problems)
6/15	12	Animal Diversity	Chapter 21
6/18	13	Biotechnology: DNA Fingerprinting	Pages: 34-36 and 223-225

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

Important Dates:

5/28	Lab closed
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Lab Times:

<u>Monday</u>	<u>Tuesday</u>	<u>Wednesday</u>	<u>Thursday</u>	<u>Friday (5/18, 6/1, 6/15)</u>
8:30-10:20		8:30-10:20		8:30-10:20
11:00-12:50		11:00-12:50		11:00-12:50
1:30-3:20		1:30-3:20		1:30-3:20
4:30-6:20		4:30-6:20		4:30-6:20