

# Biological Principles for Non-Majors 1005 Laboratory Schedule

BC Central Campus

Term 3: Session 3 2018

6/27 – 8/3

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)
6/27	1	Introduction: Safety and Scientific Method	Pages: 10-14
7/2	2	Forensic Microscopy	Pages: 47-48
7/4		No Labs	
7/6	3	Cell Chemistry I: Amino Acids, Water and pH	Pages: 22-30, 32-34
7/9	4	Cell Chemistry II: Carbohydrates and Lipids	Pages: 30-32, 36-39
7/11	5	Enzymes	Pages: 78-79
7/16	6	The Cell Membrane	Pages: 54-55, 80-84
7/18	7	Cell Diversity: Bacteria and Fungi	Page(s): 8-9 & 50-53 Chapters: 17 & 20
7/20	8	Cells: Diversity and Uniformity	Page(s): 8-9 & 52-66
7/23	9	Mitosis and the Cell Cycle	Pages: 153-156
7/25	10	Photosynthesis	Chapter 5
7/30	11	Mendelian Genetics: Blood typing and a Goodness of Fit Test	Pages: 188-196 & 199-200 214-215 (sample genetics problems)
8/1	12	Animal Diversity	Chapter 21
8/3	13	Biotechnology: DNA Fingerprinting	Pages: 34-36 and 223-225

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

**Important Dates:**

7/4	Lab closed
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**Lab Times:**

<u>Monday</u>	<u>Tuesday</u>	<u>Wednesday</u>	<u>Thursday</u>	<u>Friday (7/6, 7/20, 8/3 )</u>
10:30 – 12:20		10:30 – 12:20		10:30 – 12:20
1:00 – 2:50		1:00 – 2:50		1:00 – 2:50
5:00 – 6:50		5:00 – 6:50		5:00 – 6:50
7:30 – 9:20		7:30 – 9:20		7:30 – 9:20