

Biological Principles for Non-Majors 1005 Laboratory Schedule

BC Central Campus

Session 1 2022

8/19 – 12/6

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 (4 th Edition)
8/19		No Lab	
8/23-26	1	Everyday Biology: What's the Point?	Pages: 10 – 14
8/30-9/2	2	Lab Equipment: Let's Get to Know Each Other!	Pages: 47 and 48
9/5		No Lab	
9/6-9	3	Water and pH: No One Wants to be Basic all the Time	Pages: 26 – 30
9/13-16	4	Cell Chemistry: You are What You Eat!	Pages: 30 – 39
9/20-23	5	Enzymes: Always Looking for a Matching Substrate	Pages: 78 and 79
9/27-30	6	Properties of the Cell Membrane: The Good, The Bad, The Selective – class canceled, Online assignment - Hurricane Ian	Pages: 54 and 55, 80 – 84
10/4-7	7	Cell Division: Splitting Up!	Pages: 146 – 156, 170 – 176
10/11-14	8	Photosynthesis: Let There be Light!	Chapter 5
10/18-21	9	Bacteria and Fungi: They Are All Around Us!	Pages: 50 – 52, Chapters 17 and 20
10/25-28	10	Mendelian Genetics: Where Did You Get Those "Genes"?	Pages 188 – 200
11/1-4	11	Biotechnology: How Science Can Prevent the Zombie Apocalypse	Chapter 11
11/8-11		No Lab	
11/15-18	12	Biotechnology: How Science Can Prevent the Zombie Apocalypse	Chapter 11
11/22-25		No Lab	
11/29-12/2	13	Eukarya Domain: Animalia Kingdom	Chapter 21

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