

Biological Principles for Non-Majors 1005 Laboratory Schedule

BC Central Campus

Session 1 2023

1/10-4/13

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)
1/10-12	1	Everyday Biology: What's the Point?	Pages: 10 – 14
1/17-19	2	Lab Equipment: Let's Get to Know Each Other!	Pages: 47 and 48
1/24-26	3	Water and pH: No One Wants to be Basic all the Time	Pages: 26 – 30
1/31-2/2	4	Cell Chemistry: You are What You Eat!	Pages: 30 – 39
2/7-9	5	Enzymes: Always Looking for a Matching Substrate	Pages: 78 and 79
2/14-16	6	Properties of the Cell Membrane: The Good, The Bad, The Selective	Pages: 54 and 55, 80 – 84
2/21-23	7	Cell Division: Splitting Up!	Pages: 146 – 156, 170 – 176
2/28-3/2	8	Photosynthesis: Let There be Light!	Chapter 5
3/6-10		No Lab	
3/14-16	9	Bacteria and Fungi: They Are All Around Us!	Pages: 50 – 52, Chapters 17 and 20
3/21-23	10	Mendelian Genetics: Where Did You Get Those "Genes"?	Pages 188 – 200
3/28-30	11	Biotechnology: How Science Can Prevent the Zombie Apocalypse	Chapter 11
4/4-6	12	Biotechnology: How Science Can Prevent the Zombie Apocalypse	Chapter 11
4/11-13	13	Eukarya Domain: Animalia Kingdom	Chapter 21

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