

**SPRING 2018, MANS, LAB ADDENDUM TO SYLLABUS
FOR PRINCIPLES OF BIOLOGY I (BIOL 1101)
NORTH HENNEPIN COMMUNITY COLLEGE**



LAB PROFESSOR: DR. TAMARA MANS

TENTATIVE LAB SCHEDULE BIOL 1101 2 hours 50 min per week.

Week	Topics	Related Assignments
1	Pre-Assessment (1 hour), plus non CURE-specific activities.	
2	Non CURE-specific activities	
3	Non CURE-specific activities	
4	Non CURE-specific activities	
5	<i>No Class. Student Success Day.</i>	
6	MDH Intro and Bioinformatics	BioInformatics Assign, due week 7. 10 points.
7	MDH Paper reading and Hypothesis Development.	Hypothesis and Lit Review due week 8. 10 points.
8	Non CURE-specific activities	
9	Break week	
10	MDH project: Purification of Protein (Enzyme)	
11	MDH project: Determining Concentration of the Purified Enzyme	Calculation HW due week 12. 10 points.
12	MDH project: Kinetics—Characterizing and Quantifying Activity of the Enzyme	Summary of Enzyme Results due week 13. 10 points.
13	MDH project: Discussion of results. Possible meeting with collaborators. Design and begin work on posters.	Posters Due week 14. 30 points.
14	Molecular Biology, part 1: DNA ext. and PCR If needed, further work on MDH.	
15	Poster presentation, 1.5 hours, and Non CURE-specific activities	
16	Post-assessment (1 hour) and Non CURE-specific activities	Notebook check, 10 points.