



**Grading and assignments: Lab**

**Late assignments:**

All assignments need to be in my office by 5pm on the due date.

**Cheating/plagiarism:**

Cheating and plagiarism will absolutely not be tolerated! Although you will be doing work in groups and with a lab partner, you must write-up your work in your own words; this is the only way to assess your learning. If I get two lab reports that look identical or nearly identical, both parties will fail the assignment. You must also be diligent in citing all of your references, including websites.

Paraphrasing does not mean changing a word or two; if you are taking the bulk of someone else's words, you must quote them. The best way to ensure that you do not plagiarize is to read the material, then step away from it for a day or two, and then begin writing. This method also allows you to gauge your understanding of the material.

**Classroom/Laboratory conduct:**

Turn off your cellphones and be respectful of others. Disruptive behavior will not be tolerated. Anyone who is disruptive will be asked to leave the classroom and/or laboratory, and will be counted as absent. If the disruptive student does not leave, the instructor will contact campus police to have them removed from the class. In addition, lab aprons will be provided and must be worn during the lab. Sandals, flip-

	of macromolecules	
M1/16	MLK holiday	
W1/18	domains and evolution of life	Ch. 2, 16, 20
W1/18lab	lab safety rules, media preparation, handwashing, instructions for water collection for M1/23lab	handouts
F1/20	domains and evolution of life	Ch. 2, 16, 20
M1/23	eukaryotic microbes - protists	Ch. 20, 34.5, 35.6
M1/23lab	aseptic technique, streak plate and most probable number with collected natural water sample	handout, Ex. 9, 10, 59, <b>must have natural water sample for most probable number and streak plate</b>
W1/25	eukaryotic microbes - protists	Ch. 20, 34.5, 35.6
W1/25lab	most probable number cont., evaluate streak plate and restreak, microscope rules	Ex. 59, 9, 10, handout
F1/27	eukaryotic microbes - fungi	Ch. 20, 26, 34.8
M1/30	bacteria and archae cell structure	Ch. 3
M1/30lab	most probable number cont., streak plate cont., simple stain of teeth and gums, pondwater microscopy	Ex. 59, 9, 10, 11, 12, 6
W2/1	bacteria and archae cell structure	Ch. 3
W2/1lab	stock unknown, simple stain and wet mount of yeast and bacteria mixture, fungal culture	Ex., 11, 12, 8
F2/3	bacteria and archae cell structure	Ch. 3

M2/6 bacteria and archae cell structure

M2/6lab mold microscopy (at least two different molds,  
be sure to

W2/8

W2/8lab

**F2/10**

F2/2 M3/5	gene unit, transcription translation, archae and eukaryotic molecular biology	Ch. 6
M3/5lab	motility, culturaMCID 113BDC q30.84 359.95 76.:	
W3/7		
W3/7lab		
<b>F3/9</b>		

W3/28	prokaryotic genetics	Ch. 10
W3/28lab	effectiveness of alcohol, antibiotics and antiseptics cont., ligation of PCR product into vector, dialyze ligation, run PCR gel	
F3/30	prokaryotic genetics	

W4/25	adaptive immunity, immunological techniques	Ch. 28, 29, 30, 31
<b>W4/25lab</b>	<b>oral presentations</b> , ELISA worksheet	
<b>F4/27</b>	host-microbe interactions	Ch. 27