SBS21X
AP Biology I

Fall 2017
Mr. Sprague

Tentative Course Outline
Marking Period 1

Week	Dates	Discussion Topics	Lab Exercises	Hillis Chapters
1	9/7–9/8	Course Overview Review of Evolutionary Biology		1
2	9/11–9/15	Ethology and Orientation Behavior Statistics and Mathematical Modeling in Biology Chi-Square Goodness of Fit Test Standard Error of the Mean	Animal Behavior	41
3	9/18–9/20	Review of Basic Chemistry Properties of Water Gibbs Free Energy	Molecular Models	2
4	9/25–9/29	Biological Macromolecules Levels of Protein Structure Enzymes	Enzyme Catalysis	3
		EXAM 1 Wednesday, September 27		
5	10/2–10/6	Prokaryotic vs. Eukaryotic Cells Subcellular Organization Endosymbiont Theory	Toothpickase	4
6	10/10–10/13	Cell-Cell Junctions Membranes Diffusion and Osmosis Active Transport	Microscopy	5
		EXAM 2 Friday, October 13		
7	10/16–10/20	Water Potential Intercellular Signal Transduction	Diffusion and Osmosis Water Potential	5

This schedule, including assignment and exam dates, is subject to modification by the instructor.