

**SBS21X**  
**AP Biology I**  
 Fall 2018  
 Mr. Sprague

**Tentative Course Outline**  
**Marking Period 1**

<u>Week</u>	<u>Dates</u>	<u>Discussion Topics</u>	<u>Lab Exercises</u>	<u>Hillis Chapters</u>
1	9/5–9/7	Course Overview Review of Evolutionary Biology		1
2	9/12–9/14	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	9/17–9/21	Review of Basic Chemistry Properties of Water Gibbs Free Energy	Molecular Models	2
4	9/24–9/28	Biological Macromolecules Levels of Protein Structure Enzymes	Enzyme Catalysis	3
<b>EXAM 1      Friday, September 28</b>				
5	10/1–10/4	Prokaryotic vs. Eukaryotic Cells Subcellular Organization Endosymbiont Theory	Toothpickase	4
6	10/9–10/12	Cell-Cell Junctions Membranes Diffusion and Osmosis Active Transport	Microscopy	5
<b>EXAM 2      Monday, October 15</b>				
7	10/15–10/19	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.*