

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

**Tentative Course Outline**  
**Marking Period 2**

<u>Week</u>	<u>Dates</u>	<u>Discussion Topics</u>	<u>Lab Exercises</u>	<u>Hillis Chapters</u>
8	10/22–10/26	Water Potential Intercellular Signal Transduction	Diffusion and Osmosis Water Potential	5
9	10/29–11/2	Coupled Reactions and Reduced Coenzymes Chemiosmosis Cellular Respiration	Plasmolysis	6
10	11/5–11/9	Photosynthesis C3, C4, and CAM Plant Systems	Cellular Respiration in Germinating Seeds	6
<b>EXAM 3     Wednesday, November 14</b>				
11	11/13–11/16	Cell Cycle Mitosis and Meiosis	Plant Pigment Paper Chromatography	7
12	11/19–11/21	Cell Cycle Regulation Apoptosis Life Cycles Alternation of Generations	Timing Mitosis in Onion Root Tips and Whitefish Blastula	7
13	11/26–11/30	Genes and Chromosomes Segregation and Recombination Independent Assortment Blended Inheritance Epistasis Linked Genes Sex Linkage	Probability and Statistics	8
<b>EXAM 4     Wednesday, December 5</b>				

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