

SBS21X
AP Biology I
 Fall 2019
 Mr. Sprague

Tentative Course Outline
Marking Period 3

<u>Week</u>	<u>Dates</u>	<u>Discussion Topics</u>	<u>Lab Exercises</u>	<u>Hillis Chapters</u>
14	12/2–12/6	Mitosis and Meiosis Life Cycles Alternation of Generations	Timing Mitosis in Onion Root Tips	7
EXAM 4 Friday, December 6				
15	12/9–12/13	Genes and Chromosomes Segregation and Recombination Independent Assortment Blended Inheritance Sex Linkage	Probability and Statistics	8
16	12/16–12/20	Epistasis Linked Genes History of Molecular Genetics DNA Structure and Function Semiconservative Replication	DNA Extraction	9
17	1/2–1/3	Protein Synthesis Mutations		10
EXAM 5 Monday, January 6				
18	1/6–1/10	Posttranscriptional mRNA Processing Posttranslational Protein Processing	mRNA Processing Modeling	10
19	1/13–1/17	Gene Expression Operons Transcription Factors Epigenetics	Epigenetics in Rat Pups	11
FINAL EXAM Section I Thursday, January 16 Section II Friday, January 17				

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