

SBS21X
AP Biology I
 Fall 2018
 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	12/3–12/7	History of Molecular Genetics DNA Structure and Function Semiconservative Replication Mutations	DNA Extraction	9
15	12/10–12/14	Protein Synthesis Posttranscriptional mRNA Processing Posttranslational Protein Processing	mRNA Processing	10
16	12/17–12/21	Gene Expression Viral Life Cycles Operons Transcription Factors	Epigenetics in Rat Pups	11
17	1/2–1/4	Genomics Recombinant DNA	DNA Gel Electrophoresis	12, 13
EXAM 5 Monday, January 7				
18	1/7–1/11	Evolutionary Developmental Biology Cell Differentiation Natural Selection Genetic Drift	Regeneration in <i>Planaria</i>	14
19	1/14–1/18	Population Genetics Hardy-Weinberg Equilibrium Course Evaluation	Population Genetics of PTC Tasting	15
FINAL EXAM Section I Thursday, January 17 Section II Friday, January 18				

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