

SBS22X
AP Biology II
Spring 2020
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	1/28–1/31	Course Overview Gene Expression Viral Life Cycles	Epigenetics in Rat Pups	11
2	2/3–2/7	Operons Transcription Factors Genomics Recombinant DNA	Micropipette Practice	12, 13
EXAM 1 Wednesday, February 12				
3	2/10–2/14	Evolutionary Developmental Biology Cell Differentiation	DNA Gel Electrophoresis	14
4	2/24–2/28	Natural Selection Genetic Drift Population Genetics Hardy-Weinberg Equilibrium	Population Genetics of PTC Tasting	15, 16
5	3/2–3/6	Sexual Selection Allopatric and Sympatric Speciation Prezygotic and Postzygotic Isolating Mechanisms Phylogeny	Phylogenetics	17, 19
EXAM 2 Monday, March 9				
6	3/9–3/13	Ecological Organization Biomes Population Dynamics Life History Theory and Survivorship Symbiotic Relationships	Life History Resource Allocation in Fruits	42, 43

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