SBS21X
AP Biology I
Fall 2017
Mr. Sprague

Tentative Course Outline
Marking Period 3

Week	Dates	Discussion Topics	Lab Exercises	Hillis Chapters
14	12/4–12/8	History of Molecular Genetics DNA Structure and Function Semiconservative Replication Mutations	DNA Extraction	9
15	12/11–12/15	Protein Synthesis Posttranscriptional mRNA Processing Posttranslational Protein Processing	mRNA Processing	10
16	12/18–12/22	Gene Expression Viral Life Cycles Operons Transcription Factors	Epigenetics in Rat Pups	11
		EXAM 5 Friday, December 22		
17	1/2–1/5	Genomics Recombinant DNA	DNA Gel Electrophoresis	12, 13
18	1/8–1/12	Evolutionary Developmental Biology Cell Differentiation Natural Selection Genetic Drift	Regeneration in *Planaria*	14
19	1/16–1/19	Population Genetics Hardy-Weinberg Equilibrium Course Evaluation	Population Genetics of PTC Tasting	15
		FINAL EXAM Section I	**Thursday, January 18**	
		Section II	**Friday, January 19**	

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