

	MONDAY September 1	TUESDAY September 2	WEDNESDAY September 3	THURSDAY September 4 Day 1	FRIDAY September 5 Day 2
A P B I O L O G Y				Introductions; Textbooks; Lecture 000: Welcome to AP/Student Expectations; Login on Textbook Website	Lecture 001: Themes of Biology Complete QS 01 Writing/Grading of Lab Reports: ex. The Value of Animations in Biology Teaching
L A B					
H W				Read Ch 1; Question Set 01; Ch 1 online Quiz; Get Lab Notebook Read LAB 01	Read Ch 2.1-2.3; Question Set 02; LAB 01 Pre-Lab due Monday

	MONDAY September 8 Day 3	TUESDAY September 9 Day 4	WEDNESDAY September 10 Day 5	THURSDAY September 11 Day 6	FRIDAY September 12 Day 1
A P B I O L O G Y	Lecture 002: Chemistry Review Complete QS 02	Lecture 003: Properties of Water Complete QS 03	Lecture 004: Carbon Chemistry Complete QS 04	Lecture 005: Proteins Complete QS 05	Lecture 006: Carbohydrates Complete QS 06
L A B		<u>Lab 01:</u> Animal Behavior		<u>Lab 02:</u> Microquantity Measurement	
H W	Read Ch 2.4; Question Set 03; Ch 2 online Quiz; EXTRA CREDIT 01 due Wednesday, 9/10	Read Ch 3.1; Question Set 04; LAB 01 due 9/16; EXTRA CREDIT 01 due tomorrow	Read Ch 3.2; Question Set 05; LAB 01 due 9/16; Read LAB 02	Read Ch 3.3; Question Set 06; LAB 01 due 9/16; LAB 02 due tomorrow	Read Ch 3.4; Question Set 07; LAB 01 due 9/16; LAB 03 Pre-Lab due Tuesday, 9/16

	MONDAY September 15 Day 2	TUESDAY September 16 Day 3	WEDNESDAY September 17 Day 4	THURSDAY September 18 Day 5	FRIDAY September 19 Day 6
A P B I O L O G Y	Lecture 007: Lipids Complete QS 07	Lecture 008: Nucleic Acids Complete QS 08	<u>Lab 03:</u> Electrophoretic Separation of Proteins (both periods, and then some...)	Lecture 009: Introduction to Cells Complete QS 09	Lecture 010: The Cell—Nucleus and Ribosomes Work on QS 10
L A B	<u>Lab 03:</u> Supplemental Lecture: The Nature of Amino Acids				<u>Lab 03:</u> Write-Up Help & Coffeehouse
H W	Read Ch 3.5-3.6 Question Set 08; LAB 01 due tomorrow; LAB 03 Pre-Lab due tomorrow	Ch 3 online Quiz; EXTRA CREDIT 02 due tomorrow	Read Ch 4.1-4.2; Question Set 09; LAB 03 due 9/23	Read Ch 4.3; Question Set 10; LAB 03 due 9/23	Read Ch 4.3; Question Set 10; LAB 03 due 9/23

	MONDAY September 22 Day 1	TUESDAY September 23 Day 2	WEDNESDAY September 24 Day 3	THURSDAY September 25 Day 4	FRIDAY September 26 Day 5
A P B I O L O G Y	Lecture 011: The Cell—The Endomembrane System Work on QS 10	Lecture 012: The Cell—Energy Systems Work on QS 10	Lecture 013: The Cell—The Cytoskeleton Complete QS 11	Lecture 014: Plasma Membrane Complete QS 12	Lecture 014: Transport Across the Membrane Work on QS 13
L A B		<u>Lab 04:</u> Prep-Work		Regression Analysis Review (comp. lab)	
H W	Read Ch 4.3; Complete Question Set 10; LAB 03 due Wednesday	Read Ch 4.3-4.4; Question Set 11; LAB 03 due tomorrow	Read Ch 5.1-5.2; Question Set 12; Ch 4 online Quiz; LAB 04 Pre-Lab due Friday	Read Ch 5.3-5.5; Question Set 13; LAB 04 Pre-Lab due tomorrow	Complete Question Set 13; Ch 5 online Quiz; EXTRA CREDIT 03 due Monday

	MONDAY September 29 Day 6	TUESDAY September 30	WEDNESDAY October 1 Day 1	THURSDAY October 2 Day 2	FRIDAY October 3 Day 3
A P B I O L O G Y	<u>Lab 04:</u> Diffusion and Osmosis (both periods)		<u>Lab 04:</u> Diffusion and Osmosis (finish collecting data)	TEST Chapters 1-5 Labs 1-4	TEST Chapters 1-5 Labs 1-4
L A B				<u>Lab 04:</u> Write-Up Help	
H W	TEST #1 THURS/FRI; Work on Review Packet		TEST #1 THURS/FRI; Work on Review Packet LAB 04 due 10/8	TEST #1 THURS/FRI; Work on Review Packet LAB 04 due 10/8	Read Ch 6.1-6.2; Question Set 14; LAB 04 due 10/8 Read LAB 05

	MONDAY October 6 Day 4	TUESDAY October 7 Day 5	WEDNESDAY October 8 Day 6	THURSDAY October 9	FRIDAY October 10
A P B I O L O G Y	Lecture 015: Energy and ATP Complete QS 14	Lecture 016: Enzymes Work on QS 15	Catch-Up Day Lab 06 Preview		
L A B	<u>Lab 05:</u> Using a Spectrophotometer		<u>Lab 05:</u> Using a Spectrophotometer		
H W	Read Ch 6.3-6.5; Question Set 15; LAB 04 due Wednesday	Complete Question Set 15; LAB 04 due tomorrow	Ch 6 online Quiz; LAB 05 due Tuesday; LAB 06 Pre-Lab due Tuesday		

	MONDAY October 13	TUESDAY October 14 Day 1	WEDNESDAY October 15 Day 2	THURSDAY October 16 Day 3	FRIDAY October 17 Day 4
A P B I O L O G Y		Lecture 017: Respiration Concepts Work on QS 16	<u>Lab 06:</u> Enzyme Action (both periods)	Lecture 018: Glycolysis Work on QS 17	Lecture 019: Pyruvate Oxidation and Citric Acid Cycle Work on QS 17
L A B					<u>Lab 07:</u> Chromatography 'Story Board'
H W		Read Ch 7.1; Complete Question Set 16	Read Ch 7.2-7.5; Question Set 17; LAB 06 due 10/22	Read Ch 7.2-7.5; Question Set 17; LAB 06 due 10/22; Read Lab 07	Read Ch 7.2-7.5; Question Set 17; LAB 06 due 10/22

	MONDAY October 20 Day 5	TUESDAY October 21 Day 6	WEDNESDAY October 22 Day 1	THURSDAY October 23 Day 2	FRIDAY October 24 Day 3
A P B I O L O G Y	Lecture 020: Electron Transport Chain Work on QS 17	<u>Lab 07:</u> Chromatography Techniques (both periods)	Lecture 021: Regulation of Respiration Complete QS 18	Lecture 022: Light Reactions of Photosynthesis Complete QS 19	Lecture 023: Calvin Cycle—The Dark Reactions of Photosynthesis Work on QS 20
L A B				<u>Lab 09:</u> Prep-Work	
H W	Read Ch 7.2-7.5; Complete Question Set 17; LAB 06 due Wednesday	Read Ch 7.6; Question Set 18; LAB 06 due tomorrow	Read Ch 8.1-8.2; Question Set 19; Ch 7 online Quiz; LAB 07 due tomorrow	Read Ch 8.3-8.5; Question Set 20; EXTRA CREDIT 04 due Monday	Read Ch 8.3-8.5; Question Set 20; Lab 08 Pre-Lab due Tuesday EXTRA CREDIT 04 due Monday

	MONDAY October 27 Day 4	TUESDAY October 28 Day 5	WEDNESDAY October 29 Day 6	THURSDAY October 30 Day 1	FRIDAY October 31 Day 2
A P B I O L O G Y	Lecture 024: Variations on Photosynthesis Work on QS 20	Catch-Up Day	Lab 08: Light Reactions of Photosynthesis (both periods)	TEST Chapters 6-8 Labs 5-8	TEST Chapters 6-8 Labs 5-8
L A B	Lab 09: Prep-Work				Lab 09: Prep-Work
H W	Read Ch 8.3-8.5; Complete Question Set 20; Ch 8 online Quiz; Lab 08 Pre-Lab due tomorrow	TEST #2 THURS/FRI ; Work on Review Packet	TEST #2 THURS/FRI ; Work on Review Packet LAB 08 due 11/5	TEST #2 THURS/FRI ; Work on Review Packet LAB 08 due 11/5	Read Ch; Question Set; Lab 08 Pre-Lab due tomorrow