

Labs are from Marieb, Human Anatomy and Physiology, 8<sup>th</sup> edition, lab manual.  
The tentative lab schedule is

	lecture topic	text chapter	lab
June 19	biochemistry	2	lab 3 The Microscope
20	biochemistry	2	lab 4 The Cell: Anatomy and Division
21	cell biology	3	computer simulation 5B The Cell—Transport
22	cell biology	3	lab 5 Transport Mechanisms
23	neurophysiol.	11	work on presentations
June 26	quiz 1; neurophysiol.	11	computer simulation 18B Nerve Impulses
27	PNS	13	lab 22 Reflex Physiology
28	ANS	14	lab 24 Vision
29	Special Senses	15	lab 25 Hearing and Equilibrium
30	Special Senses	15	lab 26 Olfaction and Taste
July 3	Endocrinology	16	lab 28A (endocrinology video)
5	quiz 2/Endo.	16	computer simulation 28B Endocrine Physiology
6	Skel. Muscle	9	computer simulation 16B Skeletal Muscle
7	Skel. Muscle/Heart	9,18	computer sim. 33B Cardiovascular Dynamics
July 10	quiz 3; Heart	18	lab 31 Electrocardiology/ chick heart
11	Heart	18	lab 33 Blood Pressure and Pulse
12	Blood Vessels	19	computer simulations 34B Cardiovascular Phys.
13	Blood	17	lab 29 Blood
14	Resp. System	22	computer simulation 37B Respiratory System
July 17	quiz 4/Resp. Sys.	22	lab 37 Respiratory Physiology
18	Renal Physiol.	25	computer simulation 41B The Nephron
19	Renal Physiol.	25	lab 41 Urinalysis
20	Acid-Base Balance	26	research presentations
21	quiz 5/Immunity	21	computer simulation 47B Acid-Base Balance
July 24	Heredity/Meiosis	27/29	lab 35 The Lymphatic and Immune Systems
25	Gametogenesis	27	lab 45 Principles of Heredity
26	Ovarian/Uterine Cycles	27	lab 44 Embryonic Development
27	Development	28	lab 43 Gametogenesis
28	quiz 6		