

**AP150 - INTEGRATIVE ANATOMY AND PHYSIOLOGY
– SPRING 2007 –**

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<i>Date</i>	<i>Lecture Topic</i>	<i>Laboratory Topic</i>	<i>Martini Chapter</i>	<i>IP CD topic</i>
Jan 8 M	Cellular Anatomy	Epithelial Tissues	3,4	
10 W	Cellular control and transport	Connective Tissues and Structure of Skin	3,4,5	
15 M	Martin Luther King Day	Martin Luther King Day		
17 W	Skeletal Organization	Structure of Bone and Skull	6,7	
22 M	Bone Metabolism	Skull	6,7	
24 W	Vertebrae	EXAM #1	7	
29 M	Joints	Appendicular Skeleton	8,9	
31 W	Muscular Organization and Structure of Muscle	Head and Trunk Muscles	10,11	Muscle
Feb 5 M	Muscle Contraction	Arm Muscles	11	Muscle
7 W	Muscle Tension and Metabolism	Leg Muscles	11	Muscle
12 M	Nervous Tissue	EXAM #2	12	Nervous I
14 W	Neuron Physiology	Spinal Cord	12,13	Nervous I
19 M	Washington's Birthday	Washington's Birthday		
21 W	Nervous Communication	Neuromuscular Transmission and Spinal Reflexes	12,13	Nervous II
26 M	Brain Organization	Structure of the Brain	14,15	
28 W	Autonomic Nervous System	EXAM #3	16	Nervous II;
Mar 5 M	Autonomic Nervous System and Endocrine Control	Adrenal Medulla and Pancreas and Thyroid	18	Endocrine

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7 W	Pituitary and Adrenal Cortex	Structure of Endocrine Glands	18	Endocrine
12 M	Reproductive Hormones and Gametogenesis	Male Reproductive Tract and Female Reproductive Tract	28	
14 W	Cardiovascular Overview	EXAM #4	20	Cardiovascular
19 M	Cardiac Pumping and Cardiodynamics	Structure of the Heart	20	Cardiovascular
21 W	Cardiac Muscle and Contraction	EKG and Blood Pressure	20	Cardiovascular
26 M	Hemodynamics and Vascular Control	Vascular Organization	21	Cardiovascular
28 W	Blood and Immunity	Hemostasis and Blood Typing	19,22	
Apr 2 M	Ventilation	EXAM #5	23	Respiratory
4 W	Gas Exchange and Transport	Structure of the Lungs	23	Respiratory
9 M	Acid - Base Balance	Ventilation and Spirometry	23	Respiratory
11 W	Digestion	Structure of the GI Tract	18,24	Digestive
16 M	Renal Function	Structure of the Kidney	24,26	Urinary
18 W	Fluid Balance	EXAM #6	26	Urinary
23 M	FINAL EXAM - 7 AM - 9:50 AM SCI Room 219			