

**ZOOLOGY 200**

**Reading Assignments for Martini, 4th Edition**

**Dr. Carey Carpenter**

**Not included in the reading assignments below but strongly recommended: the study outlines and reviews found at the end of every chapter.**

<b>TOPIC</b>	<b>CHAPTERS</b>
Body Organization and Terminology	1 (all)
Tissue Fluids	2 (page 29)
Cell Overview	2 (27-29)
Intercellular Attachments	2 (42-43)
Tissue Development	3 (53)
Tissue Overview	3 (52)
Epithelial Tissue, Microvilli,	2 (35-36), 3 (52-60)
Cilia, Flagella	2 (36-37)
Connective Tissue Overview	3 (62-64)
Connective Tissue Proper	3 (64-68)
Cartilage	3 (70-72)
Osseous Tissue	3 (71-73), 5 (113-118)
Blood	3 (68,70), 20 (all)
<b>Exam #1</b>	
Membranes and Glands	3 (57, 60-61, 73-74)
Integumentary System	4 (all)
Skeletal System	6, 7 (Refer to the separate skeletal system lab handout at <a href="http://docs.google.com/Doc?id=ajjwrvvc2kszej_526hq7qfsfq">http://docs.google.com/Doc?id=ajjwrvvc2kszej_526hq7qfsfq</a> for the detail required.)
Skeletal System	Note: the Lecture Exam 2 objectives 16-25 pertaining to the skeletal system (see <a href="http://docs.google.com/Doc?id=ajjwrvvc2kszej_442hqf63t">http://docs.google.com/Doc?id=ajjwrvvc2kszej_442hqf63t</a> ) will be studied in lab and not lecture. They will be covered on both Lecture Exam 2 and Lab Practicum 2.
Joints	8 (all)
Joints, continued	"
Muscle Tissue	3 (77-78); 9 (245-246)
Muscular System	9 (257-262)
Muscular System, cont'd	10 & 11 (Refer to the separate muscle handout at <a href="http://docs.google.com/Doc?id=ajjwrvvc2kszej_458fgc34p">http://docs.google.com/Doc?id=ajjwrvvc2kszej_458fgc34p</a> for specific muscles to study,)

Muscular System, cont'd	" "
<b>Exam #2</b>	
Digestive System	25 (all)
Digestive System, cont'd	25 (all)
Respiratory System	24 (all)
Heart	21 (550-562)
Blood Vessels and Circulatory Pathways	22 (573-579; 601-604) Note: blood vessel names, their locations, and regions of the body they serve will be discussed and tested in lab, not lecture. See pp. 579-600 for useful text and tables but know the detail only the extent discussed in lab)
<b>Exam #3</b>	
Lymphatic System	23 (all)
Nervous Tissue; Neuroglia: Brain	3 (79); 13 (335-345); 15 (382-409; 419)
Spinal Cord	14 (356-375)
Spinal Nerves	"
Nervous Pathways; Autonomic Nervous System	16 (all); 17 (all)
Endocrine System	19 (all)
Urinary System	26 (all)
Male Reproductive System	27 (all)
Female Reproductive System	"
<b>Final Exam</b>	