

ZOOLOGY 200
LECTURE READING ASSIGNMENTS FOR MARTINI, 5TH ED.
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.

| WEEK | TOPIC | CHAPTERS |
|-------------|-----------------------------------|--|
| 1 | Body Organization and Terminology | 1 (all) |
| | Tissue Fluids | 2 (page 29) |
| | Cell Overview | 2 (27-29) |
| | Intercellular Attachments | 2 (42-43) |
| | Tissue Development | 3 (52) |
| 2 | Tissue Overview | 3 (51) |
| | Epithelial Tissue, Microvilli, | 2 (35), 3 (53-60) |
| | Cilia, Flagella | 2 (35-36) |
| | Connective Tissue Overview | 3 (62-64) |
| | Connective Tissue Proper | 3 (64-68) |
| | Cartilage | 3 (68-72) |
| 3 | Osseous Tissue | 3 (72-73), 5 (107-110) |
| | Blood | 3 (68), 20 (all) |
| | Blood, continued | " " |
| 4 | Exam #1 | |
| | Membranes and Glands | 3 (57, 60-61, 73-74) |
| 5 | Integumentary System | 4 (all) |
| | Skeletal System | 6, 7 (Refer to the separate skeletal system lab handout for the detail required.) |
| 6 | Skeletal System | Note: the Lecture Exam 2 objectives 16-25 pertaining to the skeletal system (see separate handout) will be studied in lab and not lecture. They will be covered on both Lecture Exam2 and Lab Practicum 2. |
| | Joints | 8 (all) |
| 7 | Joints, continued | " |
| | Muscle Tissue | 3 (75-77) 9 (236) |
| | Muscular System | 9 (235-237; 248-253) |
| 8 | Muscular System, cont'd | 10 & 11 (Refer to the separate muscle handout for specific muscles to study,) |

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| | Muscular System, cont'd | " " |
| 9 | Exam #2 | |
| | Digestive System | 25 (all) |
| 10 | Digestive System, cont'd | 25 (all) |
| | Respiratory System | 24 (all) |
| 11 | Heart | 21 (541-555) |
| | Blood Vessels | 22 (565-574) Note: blood vessel names, their locations, and regions of the body they serve will be discussed and tested in lab, not lecture. See pp. 573-573 for useful text and tables but know the detail only the extent discussed in lab) |
| 12 | Circulatory Pathways | 22 (594-595; hepatic portal system: 591,593) |
| | Lymphatic System | 23 (all) |
| 13 | Exam #3 | (Exam 3 will not include the lymphatic system) |
| | Nervous Tissue; Neuroglia: Brain | 3 (77); 13 (331-341); 15 (378-406) |
| | Spinal Cord | 14 (351-373) |
| 14 | Spinal Nerves | 16 (425-440) |
| | Nervous Pathways; Autonomic Nervous System | 16 (425-440); 17 (445-461) |
| 15 | Endocrine System | 19 (all) |
| | Urinary System | 26 (all) |
| 16 | Male Reproductive System | 27 (all) |
| | Female Reproductive System | " |
| 17 | Final Exam | |