

## **IB 131 Human Anatomy Lecture Fall 2014 Syllabus:**

University of California, Berkeley, Department of Integrative Biology

**Instructor:** Tom Carlson [tcarlson@berkeley.edu](mailto:tcarlson@berkeley.edu)

Carlson Office Hours in VLSB 1098

Monday 2:10-3:00

Tuesday 11:10-12:00

### **Course Exams:** Two Midterm Exams and a Final Exam

Midterm #1 is worth 30%, Midterm #2 is worth 30%, and Final Exam is worth 40% of final course grade

Midterm #1: Monday, 9/29/14 from 11-12:00

Midterm #2: Monday, 10/27/14 from 11-12:00

Final Exam: Monday, 12/15/14 from 11:30 - 2:30

### **Required Texts:**

M=Marieb, Wilhelm, & Mallatt, *Human Anatomy*, 6<sup>th</sup> or 7<sup>th</sup> Ed.

PAL (Practice Anatomy Lab) Version 3.0 (Pearson/Benjamin Cummings)

The Brief Atlas of the Human Body (Pearson/Benjamin Cummings)

IB 131 LECTURE Reader (can be purchased at Krishna Copy Center, 2111 University Ave., phone 540-5959)

### **Recommended Supplemental Texts & Materials:**

Mastering A & P

The Anatomy Coloring Book by Kapit & Elson

W=Young & Heath, *Wheater's Functional Histology*, 5<sup>th</sup> Ed.

## **Table of Contents of IB 131 Lecture Reader**

Reader can be purchased at Krishna Copy Center, 2111 University Ave., telephone: 540-5959

**Course lecture topics will be given in the following sequence:**

**Pages** are from the course reader

**Chapters** are from the Marieb textbook (M=Marieb textbook )

Syllabus: Pages 1-2

Topic 1: Anatomy Introduction Pages 3-5 (M Chap 1)

Topic 2: Epithelial Tissue, Connective Tissue Proper, Embryology  
Pages 6-24 (M Chap 4, 3)

Topic 3: Bone Tissue, Pages 25-40 (M Chap 6)

Topic 4: Axial Skeleton, Pages 41-66 (M Chap 7)

Topic 5: Appendicular Skeleton, Pages 67-81 (M Chap 8)

Topic 6: Joints, Pages 82-103 (M Chap 9)

Topic 7: Muscle Tissue, Pages 104-115 (M Chap 10)

Topic 8: Muscles, Pages 116-148 (M Chap 11)

Topic 9: CNS Tissue, Pages 149-168 (M Chap 12)

Topic 10: Spinal Cord, Brain stem, Diencephalon & Cerebellum,  
Pages 169-197 (M Chap 13)

Topic 11: Cerebrum, Pages 198-230 (M Chap 13)

Topic 12: Special Senses, Pages 231-253 (M Chap 16)

Topic 13: Peripheral Nervous System, Pages 254-277 (M Chap 14)

Topic 14: Autonomic Nervous System, Pages 278-287 (M Chap 15)

Topic 15: Blood Vessels, Pages 288-304 (M Chap 20)

Topic 16: Blood, Pages 305-312 (M Chap 18)

Topic 17: Endocrine, Pages 313-321 (M Chap 17)

Topic 18: Respiratory System, Pages 322-342 (M Chap 22)

Topic 19: Heart, Pages 343-359 (M Chap 19)

Topic 20: Digestive System, Pages 360-382 (M Chap 23)

Topic 21: Integument, Pages 383-403 (M Chap 5)

Topic 22: Lymphatic & Immune Systems, Pages 404-415 (M Ch 21)

Topic 23: Urinary, Pages 416-431 (M Chap 24)

Topic 24: Reproductive systems, Pages 432-444 (M Chap 25)