

IB 131 Human Anatomy Lecture Fall 2015 Syllabus:

University of California, Berkeley, Department of Integrative Biology

Instructor: Tom Carlson tcarlson@berkeley.edu

Lectures Monday, Wednesdays, Fridays from 11-12 AM in Wheeler Auditorium

Carlson Office Hours in VLSB 1098: Monday 12:10-1:00, Tuesday 11:10-12:00, Wednesday 1:10-2:00

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, 9/28/15 from 11-12:00

Midterm #2: Monday, 10/26/15 from 11-12:00

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

Required Texts:

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

IB 131 LECTURE Reader (can be purchased at Krishna Copy Center, 2001 University Ave., phone 540-5959)

Recommended Supplemental Texts & Materials:

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

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

Mastering A & P

The Anatomy Coloring Book by Kapit & Elson

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

Recommended Supplemental Web-based material:

3-D Brain App – Science NetLinks: go to Targeted Content and select 3-D Brain

Visual Anatomy Lite

<http://www.med.umich.edu/lrc/coursepages/m1/anatomy2010/html/INDEX.htm>

Table of Contents of IB 131 Lecture Reader

Reader can be purchased at Krishna Copy Center, 2001 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 6-25 (M Chap 4, 3)

Topic 3: Bone Tissue, Pages 26-41 (M Chap 6)

Topic 4: Axial Skeleton, Pages 42-68 (M Chap 7)

Topic 5: Appendicular Skeleton, Pages 69-83 (M Chap 8)

Topic 6: Joints, Pages 84-106 (M Chap 9)

Topic 7: Muscle Tissue, Pages 107-118 (M Chap 10)

Topic 8: Muscles, Pages 119-153 (M Chap 11)

Topic 9: CNS Tissue, Pages 154-173 (M Chap 12)

Topic 10: Spinal Cord, Brain Stem, Diencephalon & Cerebellum,
Pages 174-203 (M Chap 13)

Topic 11: Cerebrum, Pages 204-237 (M Chap 13)

Topic 12: Special Senses, Pages 238-263 (M Chap 16)

Topic 13: Peripheral Nervous System, Pages 264-289 (M Chap 14)

Topic 14: Autonomic Nervous System, Pages 290-299 (M Chap 15)

Topic 15: Blood Vessels, Pages 300-316 (M Chap 20)

Topic 16: Blood, Pages 317-324 (M Chap 18)

Topic 17: Endocrine, Pages 325-333 (M Chap 17)

Topic 18: Respiratory System, Pages 334-354 (M Chap 22)

Topic 19: Heart, Pages 355-372 (M Chap 19)

Topic 20: Digestive System, Pages 373-395 (M Chap 23)

Topic 21: Integument, Pages 396-417 (M Chap 5)

Topic 22: Lymphatic & Immune Systems, Pages 418-429 (M Ch 21)

Topic 23: Urinary, Pages 430-445 (M Chap 24)

Topic 24: Reproductive systems, Pages 446-458 (M Chap 25)