IB 131 Human Anatomy Lecture Syllabus:

University of California, Berkeley, Department of Integrative Biology

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

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, 9/25/17 from 11-12:00
Midterm #2: Monday, 10/23/17 from 11-12:00
Final Exam: Tuesday, 12/12/17 at 7:00 PM

Required Texts:
M=Marieb, Wilhelm, & Mallatt, Human Anatomy, 8th, 7th, or 6th 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
Zygotebody.com
http://www.histology.leeds.ac.uk/index.php
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 42-70 (M Chap 7)
Topic 5: Appendicular Skeleton, Pages 71-85 (M Chap 8)
Topic 6: Joints, Pages 86-109 (M Chap 9)
Topic 7: Muscle Tissue, Pages 110-121 (M Chap 10)
Topic 8: Muscles, Pages 122-157 (M Chap 11)
Topic 9: CNS Tissue, Pages 158-177 (M Chap 12)
Topic 10: Spinal Cord, Brain Stem, Diencephalon & Cerebellum,
Pages 178-208 (M Chap 13)

Topic 11: Cerebrum, Pages 209-243 (M Chap 13)
Topic 12: Special Senses, Pages 244-271 (M Chap 16)
Topic 13: Peripheral Nervous System, Pages 272-297 (M Chap 14)
Topic 14: Autonomic Nervous System, Pages 298-307 (M Chap 15)
Topic 15: Blood Vessels, Pages 308-326 (M Chap 20)
Topic 16: Blood, Pages 327-334 (M Chap 18)
Topic 17: Endocrine, Pages 335-343 (M Chap 17)
Topic 18: Respiratory System, Pages 344-365 (M Chap 22)
Topic 19: Heart, Pages 366-384 (M Chap 19)
Topic 20: Digestive System, Pages 385-408 (M Chap 23)
Topic 21: Integument, Pages 409-430 (M Chap 5)
Topic 22: Lymphatic & Immune Systems, Pages 431-442 (M Ch 21)
Topic 23: Urinary, Pages 443-459 (M Chap 24)
Topic 24: Reproductive systems, Pages 460-473 (M Chap 25)