Course: BI 121, Introduction to Human Physiology, 04 cr, CRN 11011, 8:30-9:50 TR (100 WIL)+R Lab (130 HUE): 10:00-10:50 (CRN 11012) or 11:00-11:50 (CRN 11013) or 12:00-12:50 (CRN 11014) or 13:00-13:50 (CRN 11015) or 14:00-14:50 (CRN 11016) or 15:00-15:50 (CRN 11017) or 16:00-16:50 (CRN 11018) or 17:00-17:50 (CRN 11019), Fall 2014.

Website: http://blogs.uoregon.edu/bi121/fall-2014/
Prior Websites: http://blogs.uoregon.edu/bi121/summer-2014/ (past summer, most recent & up-to-date) http://blogs.uoregon.edu/biocourses/files/2014/01/bi121f13-ynzf4j.pdf (last fall, most synchronous)

Lecturer;Office;Hours;Phone;E-Mail: V. Pat Lombardi; 65A Klamath (KLA); 10:00-11:00 T + by appointment; 346-6055 (advising office/message); lombardi@uoregon.edu

Lab Instructors;Office;Hours;Phone;E-Mail: Andrew Cvitanovich; TBA...; cvitanov@uoregon.edu
Sarah Stednitz; TBA; TBA...; sstednit@uoregon.edu
Precious De Verteuil; TBA...; precious@uoregon.edu

Lab Preparator;Office;Hours;Phone;E-Mail: Holly Lynn;120D HUE; by appointment; 346-4651; hollyllyn@uoregon.edu

Required Text & Lab Manual (available @ U of O Bookstore):

Supplemental Texts:
On-reserve in Science Library (2 hr non-circulating, please). Supplemental readings listed in [ ] below:

+see many supplemental reserved texts/readings in the Science Library listed under UO Library Search: http://alliance-primo.hosted.exlibrisgroup.com/primo_library/libweb/action/search.do?mode=Basic&vid=UO&tab=cr_tab& After you sign in with your uoregon user name and password under Current UO students, faculty and staff, type in BI 121 under the Course Reserves tab and the complete list will appear.

Tentative Outline:

Sep 30 (T) Lecture 1. I. Introduction (outline, texts, labs, grading, expectations...); Introduction to Human Physiology; Body Levels of Organization. II. Homeostasis. Readings: Introduction, Study Skills, pp v-viii; An Introduction to Structure and Function, Module 1, pp 1-8 (DC). [ch 1 vignette p 0; ch 1, pp 1-10 (LS).] (100 WIL).


Lab 1: Histology, Microscopic Study of Tissues. Readings: pp i-iii, 1-1 to 1-4 (LM) (130 HUE).


Lab 3: Diet Analyses. NB: Before the lab, please record your diet on p 3-7 (LM) and begin analyzing it by using http://www.choosemyplate.gov/supertracker-tools/supertracker.html. In the lab, you’ll use your Diet Analysis+ software tool to evaluate the same 1-d diet you evaluated with the above US government website. Readings: pp 3-1 to 3-16 (LM). (130 HUE).


Oct 26 (S) Summary & Review Session for Exam I, 6-7:30 pm (100 WIL). Readings: Review slides on our website @ http://blogs.uoregon.edu/bi121/fall-2014/.

Oct 28 (T) Exam I (100 WIL + TBA alternative exam sites).


Nov 13 (R) No Lab. Study for Exam II!


Nov 20 (R) Lecture 15. I. Molecular Basis of Skeletal Muscle Contraction. II. Metabolism & Fiber Types. III. Skeletal Muscle Adaptations & Exercise Physiology. Readings: [ch 8, pp 198-204; 210-4 (LS)].


Nov 27 (R) Thanksgiving Holiday. No lecture or laboratory. Be safe & have a Happy Turkey Day!!


Dec 4 (R) Lecture 18. Summary & Review Session for Exam II (100 WIL). Readings: Review slides on our website @ http://blogs.uoregon.edu/bi121/fall-2014/.

Dec 8 (M) Exam II, 8:00-9:50 NB: 8:00 start time! (100 WIL + TBA alternative exam sites).

Grading: Lecture* (20%) & Laboratory *(20%) Attendance & Participation, Exam I (30%), Exam II (30%).

*Required attendance & participation are essential components of your grade! 😊...& of your life! We ♥ Human Physiology!!