Course: Introduction to Human Physiology, BI 121, 04 cr, CRN 10866, 8:30-9:50 TR (100 WIL)+R Lab (129 HUE); 10:00-10:50 (CRN 10867) or 11:00-11:50 (CRN 10868) or 12:00-12:50 (CRN 10869) or 13:00-13:50 (CRN 10870) or 14:00-14:50 (CRN 10871) or 15:00-15:50 (CRN 10872) or 16:00-16:50 (CRN 10873) or 17:00-17:50 (CRN 10874), Fall 2007.

Lecturer: Office; Hours; Phone; E-Mail: V. Pat Lombardi; 116 Huestis (HUE)/73 Klamath (KLA); 10:00-11:00 T + by appointment; 346-4536 (office/message); lombardi@uoregon.edu

Lab Coordinator: Office; Hours; Phone; E-Mail: Holly Lynn; 120C HUE; by appt; 346-4651; hollylyn@uoregon.edu

Graduate Teaching Fellows: Office; Hours; Phone; E-Mail: Marisa Connell; 129 HUE; TBA; mconnel1@uoregon.edu
Kimberly Lum; 129 HUE; TBA; klum@uoregon.edu

Biology Assistant/Peer Tutor; E-Mail: Stacie Kozachenko; skozache@uoregon.edu; TBA.


BI 121, Introduction to Human Physiology, Laboratory/Lecture Manual, Fall 2007 at U of O Bookstore.

1st Reserve Texts: Supplemental readings listed in [ ] below;
(Copies on reserve in Science Library, 2 hr non-circulating=2hr NC).


+see >30 supplemental reserved texts/readings in Science Library or on web: http://libweb.uoregon.edu/search/ then click Course reserves bar, then type in Lombardi

Tentative Outline:

Sep 25 (T) I. Introduction (outline, texts, labs, grading, expectations); Introduction to Human Physiology; Body Levels of Organization. II. Homeostasis. Preface, xxi-xxvi; Homeostasis: The Foundation of Physiology - ch 1, pp 0-17 (LS); [Introduction to Structure & Function, Module 1, pp 1-7 (DC).][100 WIL].


Sep 27 (R) Lab 1: Histology, Microscopic Study of Tissues, pp i-iii, 1-1 to 1-4 (LLM) (129 HUE).


Oct 4 (R) Lab 2: Introduction to Anatomy & Physiology, pp 2-1 to 2-9, C-1, C-2 (LLM) (129 HUE).


Oct 11 (R) Lab 3: Diet Analysis+ System, pp 3-1 to 3-10 (LLM). NB: To have 1-d dietary data for analysis, you must complete p 3-7 prior to the lab (129 HUE, then 33 KLA - Biology Macintosh Lab).


Oct 18 (R)  **Lab 4:** Monitoring Heart Rate & Blood Pressure. High Blood Pressure at the Time of Diagnosis, Time-Life Medical Films, pp 4-1 to 4-12 (LLM). **NB: Notebook ✓. Please complete CVD survey before lab (129 HUE).**

Oct 23 (T)  **Midterm (100 WIL +).**


Oct 25 (R)  No Lab. Break for Midterm Week!


Nov 1 (R)  **Lab 5:** Blood Chemistry: Blood Glucose & Blood Typing. **NB: To help streamline our blood chemistry procedures & to maximize safety, please reread at least pp 5-1 to 5-8 (LLM) prior to lab. (129 HUE).**


Nov 8 (R)  No Lab. Study for Final Exam!


Nov 15 (R)  II. Molecular Basis of Skeletal Muscle Contraction; Metabolism & Fiber Types; Skeletal Muscle Adaptations & Exercise Physiology - ch 8, pp 207-13; 219-27 (LS).

Nov 15 (R)  **Lab 6:** Pulmonary Function Tests; pp 6-1 to 6-8 (LLM). **NB: Notebook ✓ (129 HUE).**


Nov 22 (R)  Thanksgiving Holiday. No lecture or laboratory. Be safe & have a Happy Turkey Day!! 😄


Nov 29 (R)  I. Applying Human Physiology to the World Around Us. II. Summary & Review. [Environmental Issues:Population, Pollution & Resources, Module 17, pp133-42 (DC).]

Nov 29 (R)  No Lab! Study for Final Exam!

Dec 6 (R)  **Final Exam, 8:00-10:00 (100 WIL +). NB: Starting time is 8:00 am!**

Grading:  
Midterm 30%, Final Exam 30%, Lab Score* 40%.  
*Attendance & participation are critical components of your grade!