Course: Introduction to Human Physiology, BI 121, 04 cr (CRN 45906) 09:00-10:50 MTWR (30 PAC) + TR Lab (130 HUE): 12:00-12:50 (CRN 45907) or 13:00-13:50 (CRN 45908), Summer 2014.

Website: http://blogs.uoregon.edu/bi121/summer-2014/

Lecturer; Office; Hours; Phone; E-Mail: V. Pat Lombardi; 73A Klamath (KLA); by appointment; 541-346-4536 (office/message); lombardi@uoregon.edu

Lab Assistants; Office; Hours; Phone; E-Mail: Tony Yang; 130 HUE; TBA; 541-346-4536; anthonyy@uoregon.edu
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1st Reserve Texts: Supplemental readings listed in [ ] below:

NB: Copies on reserve in Science Library, 2 hr reserve only.


+see many supplemental reserved texts/resources in Science Library or web listing: http://libweb.uoregon.edu/ click Course Reserves tab, then type in Lombardi

Tentative Outline:

Jun 23 (M) Lecture 1. I. Introduction (outline, text, grading, expectations, etc.); Introduction to Human Physiology; Body Levels of Organization. II. Homeostasis. Readings: pp v-viii; Module 1, pp 1-8 (DC). [Dedication, Brief Contents, Contents, Preface, xxi-xxvi; ch 1 vignette p 0, ch 1 pp 1-17 (LS)] (16 PAC).


Jun 30 (M) Lecture 5. I. Connections: Nutrition Quackery. II. Hydrolysis, the Central Theme of Digestion. IV. Gut Anatomy, Histology & General Secretions. Readings: Module 3, pp 17-23 (DC). [ch 15, pp 436-47; focus on Table 15-1 pp 440-1 (LS)]

Lab 3: Diet Analyses w/SuperTracker. **NB:** Before the lab, please record your diet on p 3-7 (LM) & see [http://www.choosemyplate.gov](http://www.choosemyplate.gov) & [https://www.supertracker.usda.gov/default.aspx](https://www.supertracker.usda.gov/default.aspx). **Readings:** pp 3-1 to 3-16 (LM) (130 HUE).

Lecture 7. I. Open Discussion & Review for Midterm. II. **Midterm.**

July 3 (R) No lecture or lab! Happy Independence Day!! Have fun, but be safe! 😊

Lecture 8. I. Circulatory: Cardiovascular & Lymphatic. II. Cardiac Physiology: Anatomy, Adult Heart & Fetal Blood Flow. **Readings:** Module 4, pp 25-34 (DC). [ch 9, pp 228-34; ch 10, pp 281-7 (LS)]


Lab 4: **Required Notebook Check.** Heart Rate, Blood Pressure & Cardiovascular Risk. *High Blood Pressure at the Time of Diagnosis,* Time-Life Medical Films. **Readings:** pp 4-1 to 4-13 (LM) (130 HUE).


Lab 5: Blood Chemistry: Blood Glucose & Blood Typing. **Readings:** Please reread pp 5-1 to 5-6 (LM) prior to the lab. Thanks sincerely! (130 HUE).


Grading: Lecture Attendance & Participation*(20%), Lab Attendance & Participation*(20%), Midterm (30%), Final (30%).

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