

## **BME 511 Course Structure and Grading Policy Spring Semester 2009**

Course coordinator, Urs Utzinger, Ph.D., 626-9281 Keating 131D

**MWF Lectures: 9 – 9:50 AM in room 8403** in the College of Medicine

### **Course Description:**

This course in human physiology contains an extended discussion of the Nervous System, Cardiovascular, Renal, Respiratory, Endocrine and Gastrointestinal Physiology presented at the systems level but building on cell and molecular physiology and leading to an integrated view of the function of the human organism. The lectures are designed to introduce individual elements and concepts that constitute physiology, and to integrate these basic principals into a picture of the complete system. Optional weekly discussion sections are available.

### **Course Notes & Text:**

Handouts for each lecture are provided at the physiology class website and indicate readings in the required text **Medical Physiology**, by Walter Boron and Emile Boulpaep Saunders Elsevier Publishing 2008. Each student is expected to come to class having read and completed the assigned material.

### **Teaching**

Primary lecturers, email, phone, office location

Heddwen Brooks	< <a href="mailto:brooksh@u.arizona.edu">brooksh@u.arizona.edu</a> >	626-7702	COM-4110
Jan Burt	< <a href="mailto:jburt@u.arizona.edu">jburt@u.arizona.edu</a> >	626-6833	MRB 422
Ralph Fregosi	< <a href="mailto:fregosi@u.arizona.edu">fregosi@u.arizona.edu</a> >	621-2203	Gittings 119C
Kati Gothard	< <a href="mailto:kgothard@email.arizona.edu">kgothard@email.arizona.edu</a> >	626-1448	LSN 342
Sean Limesand	< <a href="mailto:limesand@ag.arizona.edu">limesand@ag.arizona.edu</a> >	626-8903	Shantz 231
Paul McDonagh	< <a href="mailto:pmcdonag@email.arizona.edu">pmcdonag@email.arizona.edu</a> >	626-2329	SHC 6154
Pat Hoyer	< <a href="mailto:hoyer@u.arizona.edu">hoyer@u.arizona.edu</a> >	626-6688	COM 4122
Ron Lynch	< <a href="mailto:rlynch@u.arizona.edu">rlynch@u.arizona.edu</a> >	626-2472	MRB 111

MRB: Medical Research Building; SHC – Sarver Heart Ctr., COM: College of Medicine

### **Exams and Grades**

The final grade will be based on 6 exams. The exams are typically in short answer, multiple choice, and fill-in-the-blanks format. If there are any scheduling problems with the exam dates, please contact Dr. Utzinger in advance. The percent weight for each exam relates roughly to the number of lectures/sessions for each respective topic. For exams dates please refer to the schedule.

**Worldwide Web Access Site.** Information for this course can be accessed through the Physiology Department Home page at: <http://www.physiol.arizona.edu>. Under "Academics / Courses / 603" you can find the class notes and other information. Any questions regarding the course can be forwarded via email to Dr. Utzinger at [utzinger@u.arizona.edu](mailto:utzinger@u.arizona.edu), Dr. Lynch at [rlynch@u.arizona.edu](mailto:rlynch@u.arizona.edu) or, if Drs. Utzinger and Lynch are not available, Dr. Burt at [jburt@u.arizona.edu](mailto:jburt@u.arizona.edu).