

**SYLLABUS: PHYSIOLOGY LAB**  
**Winter Quarter 2014**

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TA: Crystal Reynaga  
Email: reynagac@uci.edu  
Office Hours: Monday 2-3 pm & Thursday 1-2 pm in MH 5248, or by appointment

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Lab: Steinhaus Hall 272  
Tuesday 5:00 pm – 7:50 pm

**STUDENT RESPONSIBILITY:** A tentative outline for Bio Sci E 112L is described below. Read this information carefully and be familiar with the course content, course procedures and grading. You are responsible for any changes to this syllabus that are announced in class, whether or not you are in attendance. If you are absent from class you are expected to obtain the class notes, announcements, etc. from another student in class. Lab make-ups due to an excused absence (i.e. illness, accident, interview), must be approved by Dr. Aguilar Roca and made up during the same scheduled week when the lab set-up is available. Closed toed shoes and long pants (or ankle length skirts) are always required. I will inform the lab when lab coat/apron and goggles are required for particular labs.

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**TEXTBOOK:** *Human Physiology: An Integrated Approach*, 6th Edition by D. Sliverthorn

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<u>Date</u>	<u>Lab</u>
Tues, Jan. 7	Heat Transfer
Tues, Jan. 14	Respiratory Physiology
Tues, Jan. 21	<b>Online</b> "Lab" via EEE Quiz
Tues, Jan. 28	Cardiovascular Physiology ( <i>Lab coat &amp; goggles required</i> )
Tues, Feb. 4	Exercise Physiology (Lab report due dates in bold font)
Tues, Feb. 11	Metabolic Rate
<b>Due Fri, Feb 14 at 11:59 pm— 1st draft: hypothesis, materials &amp; method, results</b>	
Tues, Feb. 18	<b>No labs— Due to President's Day</b>
<b>Due Mon, Feb. 24 at 11:59 pm— 2nd draft: above sections + Introduction, Discussion, References</b>	
Tues, Feb. 25	Frog Hindlimb Anatomy ( <i>Lab coat &amp; goggles required</i> )
<b>Due Mon, Mar. 3 at 11:59 pm—3rd draft: above sections + abstract + self assessment</b>	
Fri, Mar. 4	Frog Muscle Contraction ( <i>Lab coat &amp; goggles required</i> )
<b>Due Mon, Mar. 10 at 11:59 pm—Final Lab Report (TA Dropbox &amp; turnitin.com)</b>	
Fri, Mar. 11	Human EMG

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**EXAMINATIONS:** You are expected to attend lecture and have read through the lab manual before coming to each lab section. 5 participation points will be available each week, for a total of 40 points over the quarter (17.4% of your grade). These 5 points may be in the form of a short in-class quiz at the beginning of lab, a post-lab due the following meeting, on-time attendance, *or* proper clean-up of the lab bench. Post-labs are always due by the following lab in TA EEE Dropbox; no late post-labs will be accepted for any reason. Post-labs can be submitted in email or hard copy form. If you are more than 5 minutes late, you will lose 2 participation points for the week. A detailed lab report, worth 50 points, will be constructed throughout the quarter based on the Exercise Physiology Lab (due dates in bold font; submit to TA EEE Dropbox). Late lab reports will receive 5 points off per each day late. Check the EEE gradebook to see your scores each week. Please see discussion syllabus for any other details.