ANIMAL PHYSIOLOGY LABORATORY - BIOE 131L
Spring 2012

Location: Long Marine Lab: Center for Ocean Health - Classroom 118
Course Instructor: Nicole Thometz Email: thometz@biology.ucsc.edu

Teaching Assistants: Jen Maresh
                      Labrador: Tuesday 10:30am-1:30pm
                      Email: maresh@biology.ucsc.edu
                      Office Hours: Wed 10am-12pm (COH 152A)

Holly MacCormick
                 Labrador: Thursday 10:30am-1:30pm
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Maya Friedman
               Labrador: Friday 9am-12pm
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               Office Hours: Fri 1-3pm (COH 255)

Chandra Goetsch
                 Labrador: Friday 12pm-3pm
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                 Office Hours: Tues/Thurs 1-2pm (COH 149)

Required Texts: Lab handouts
Course Website: http://bio.classes.ucsc.edu/bio131/

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<tr>
<th>WEEK</th>
<th>TOPIC</th>
<th>ASSIGNMENT DUE</th>
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| APRIL 2ND – APRIL 6TH | Lab Introduction Mammalian Anatomy
                          How to Write a Formal Lab Report |                                        |
| APRIL 9TH – APRIL 13TH | Allometry                                 | Mammalian Anatomy Assignment
                          Journal Article Assignment             |                                        |
| APRIL 16TH – APRIL 20TH | Neuro-Muscular Reflexes                    | Allometry Assignment                     |
| APRIL 23RD – APRIL 27TH | Cardiovascular Systems                     | Neuro-Muscular Assignment                |
| APRIL 30TH – MAY 4TH  | Respiratory Systems                        | Cardiovascular Assignment                |
| MAY 7TH – MAY 11TH  | Comparative Effects of Swimming, Biking, & Running I: Data Collection | Respirometry Assignment|
| MAY 14TH – MAY 18TH | Comparative Effects of Swimming, Biking, & Running II: Data Analysis & Writing | Bring in data collected during last lab |
| MAY 21ST – MAY 25TH | Dive Response                              | Comparative Exercise - Formal Lab Report |
| MAY 28TH – JUNE 1ST | Thermoregulation                            |                                        |
| JUNE 4TH – JUNE 8TH | Necropsy                                   | Dive Response - Formal Lab Report
                          Thermoregulation Worksheet             |

Grading Breakdown:
Weekly Assignments 60%
Formal Lab Reports 40%

*Note: Syllabus is subject to change at any time