

Zoology 214 Elementary Physiology Laboratory

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Office Hours: Monday 1-2, Tuesday 11-12, Wednesday 3-4, Friday 10-11, or by appointment

Course Web Site: **Moodle** <https://learn.humboldt.edu/login/hsu/index.php>**Laboratory Schedule**

Date	Exercise
	Laboratory Handouts will be available via the <i>Moodle</i> web site (in the <i>Laboratory Exercises</i> section).
January 20	No Lab
January 27	Introduction to Data Acquisition and <i>LabScribe</i> Tutorial Additional Reading: Silverthorn p. 6-16 & <i>LabScribe Tutorial</i> (in Laboratory Exercises area of <i>Moodle</i>)
February 3	<input type="checkbox"/> <i>PhysioEx</i> Exercise 1: Transport Mechanisms and Permeability
February 10	Human Nerve Conduction ●*
February 17	Human Reflex Responses
February 24	Computer Model of the Action Potential ●*
March 3	Computer Model of Synaptic Transmission
March 10	Sensory Physiology ●*
March 17	Spring Break ☺
March 24	Contractile Physiology of Human Skeletal Muscle
March 31	Cesar Chavez Holiday – NO CLASS
April 7	<input type="checkbox"/> <i>PhysioEx</i> Exercise 5: Cardiovascular Dynamics ●*
April 14	Electrocardiography and Peripheral Circulation
April 21	Detection of Antigens by ELISA – Epidemiology ●*
April 28	Spirometry
May 5	Urinalysis and Kidney Function ●*

☐ This symbol indicates that you are required to complete and turn in a *PhysioEx* Review Sheet. These two Review Sheets (each worth 15 points) are due one week after the exercise is completed.

●* A 15-point quiz will be given at the beginning of lab periods indicated by this symbol. The table below indicates the material covered in each quiz.

Quiz Schedule

Date	Material Covered
February 10	January 27, February 3
February 24	February 10, 17
March 10	February 24, March 3
April 7	March 10, 24
April 21	April 7, 14
May 5	April 21, 28

Material from the May 5 laboratory will appear on the **Final Lecture Examination**.