

NRO C63F FALL 2009
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TENTATIVE COURSE OUTLINE Sept 2

Lecture: Mon 11-1 MW 262

Lab: Wed 2-5, S148

	Lecture	Lab
Sept	14	Introduction, explanation of projects
		Lab Administration and Rules Cell Density Lab begins
	21	Animal Ethics
		Animal Husbandry and Scheduling Cell Density Lab continues
	28	Protocols, Hypothesis Class Behavioural Experiment
		Demonstration of behavioural techniques Animal husbandry continues
Oct	5	Research writing: Results Assignment 1 Due (protocol)
		Class Density lab data due Density Data analysis Animal husbandry continues
	12	Thanksgiving
		Assignment 2 Due (behavioural procedure) Animal husbandry continues Behavioural testing scheduled
	19	SFN (no lecture)
		Behavioural testing scheduled and starts Assignment 3 Due (cell density lab)
	26	Experimental Design Research writing: Introduction
		Behavioural testing
Nov	2	Experimental Design Data Analysis
		Behavioural testing and Data collection
	9	Behavioural tasks Assignment 4 Due (literature review)
		Behavioural testing and Data Collection
	16	Research writing: Discussion
		Perfusions
	23	Research writing: Cover page Abstract
		Dissections
	30	Final Paper Integration
Dec	3	Course wrap-up
		Final Lab report Due

TEXT: The course will require a laboratory manual containing portions of Laboratory Exercises in Physiological Psychology, by Paul J. Wellman. In addition, you will be required to make heavy use of the research journals and books in the library.

Recommended Reading: The Design of Experiments in Neuroscience. Mary Harrington.

GRADING:

30%	Summaries
	Animal protocol (5%)
	Behavioural procedures ... more detail than journal format (5%)
	Cell density lab (10%)
	Literature review; Introduction to paper (10%)
25%	Final exam on lectures and text
15%	Seminar and laboratory performance
30%	Final research paper

10% will be subtracted per day on any course component/assignment handed in late, including the final paper, i.e. a grade of 80% will be reduced to 70% if one day late, 60% if two days late, etc. Assignments are due at the beginning of the lecture period unless otherwise noted.