

NRO C63S – SPRING 2009  
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 TENTATIVE COURSE OUTLINE

Lecture: Wed 9-11, BV 363  
 Lab: Thurs 1-4, S148  
 Office Hours: Wed 11-12

	Lecture	Lab
Jan	7 Introduction, explanation of projects	Animal husbandry
	14 Animal Ethics	Behavioural techniques, animal handling and restraint
	21 Research writing: cover pages & abstract	Demonstration of behavioural techniques
	28 Research writing: Introduction	Behavioral testing
Feb	4 Research writing: Methods	Behavioral testing
	11 Behavioral testing procedures	Behavioral testing
	18 READING WEEK	
	25 Embedding Sectioning and histology	Behavioral testing
Mar	4 Data analysis	Behavioral testing
	11 Data analysis and results writing	Perfusions, removal of brains
	18 Research writing: Discussion	Sectioning of brain tissue
	25 Final paper: Integration	Staining of brain tissue
April	1 Staining techniques	

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.

GRADING:

- 30% Summaries
  - Animal protocol (due Jan 28 ) (5%)
  - Behavioral procedures (Feb 4)... more detail than journal format (5%)
  - Literature review; Introduction to paper (Feb 25) (10%)
  - Behavioral Results section (due Mar 18) (10%)
- 25% Final exam on lectures and text
- 15% Seminar and laboratory performance
- 30% Final research paper, due April 2

10% will be subtracted per day on any course component 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.