

NRO C63F FALL, 2004
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Week of:	Lecture	Lab
Sept 13	Introduction, explanation of projects	Introduction to facilities
20	Surgery demonstration	Behavioral techniques, animal handling
27	Research writing: cover pages & abstract	Animal ethics
Oct 04	Research writing: Introduction	Surgery
11	Thanksgiving (no classes)	Behavioral testing
18	Research writing: Methods	Behavioral testing
25	Behavioral testing procedures	Behavioral testing
Nov 01	Embedding, sectioning and histology	Perfusions, removal of brains
08	Data analysis	Sectioning of brain tissue
15	Data analysis and results writing	Data analysis and integration
22	Research writing: Discussion	Staining of brain tissue
29	Final paper: Integration	Light microscopy
Dec 02	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
 - Surgical procedures (due Sept 27) (5%)
 - Behavioral procedures (due Oct 04)... more detail than journal format (5%)
 - Literature review; Introduction to paper (due Oct 25) (10%)
 - Behavioral Results section (due Nov 22) (10%)
- 25% Final exam on lectures and text
- 15% Seminar and laboratory performance
- 30% Final research paper, due Nov 29

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.