

NRO C63F - FALL 2005

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Week of:	Lecture	Lab
Sept 12	Introduction, explanation of projects	Introduction to facilities
19	Surgery demonstration	Behavioral techniques, animal handling
26	Research writing: cover pages & abstract	Animal ethics
Oct 03	Research writing: Introduction	Surgery
10	Thanksgiving (no classes)	Behavioral testing
17	Research writing: Methods	Behavioral testing
24	Behavioral testing procedures	Behavioral testing
31	Embedding, sectioning and histology	Perfusions, removal of brains
Nov 07	Data analysis	Sectioning of brain tissue
14	Data analysis and results writing	Data analysis and integration
21	Research writing: Discussion	Staining of brain tissue
28	Final paper: Integration	Light microscopy
Dec 05	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 26) (5%)
  - Behavioral procedures (due Oct 03)... more detail than journal format (5%)
  - Literature review; Introduction to paper (due Oct 24) (10%)
  - Behavioral Results section (due Nov 21) (10%)
- 25% Final exam on lectures and text
- 15% Seminar and laboratory performance
- 30% Final research paper, due Nov 28

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.