

NRO C63F - FALL 2006

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Week of:	Lecture	Lab
Sept 11	Introduction, explanation of projects	Introduction to facilities
18	Research writing: cover pages & abstract	Behavioral techniques, animal handling
25	Surgery demonstration	Animal ethics
Oct 02	Research writing: Introduction	Surgery
09	Thanksgiving (no classes)	Behavioral testing
16	Research writing: Methods	Behavioral testing
23	Behavioral testing procedures	Behavioral testing
30	Embedding, sectioning and histology	Perfusions, removal of brains
Nov 06	Data analysis	Sectioning of brain tissue
13	Data analysis and results writing	Data analysis and integration
20	Research writing: Discussion	Staining of brain tissue
27	Final paper: Integration	Light microscopy
Dec 04	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 25) (5%)
  - Behavioral procedures (due Oct 02)... more detail than journal format (5%)
  - Literature review; Introduction to paper (due Oct 23) (10%)
  - Behavioral Results section (due Nov 20) (10%)
- 25% Final exam on lectures and text
- 15% Seminar and laboratory performance
- 30% Final research paper, due Nov 27

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.