

NRO C63F FALL, 2002
Dr. Ted L. Petit (S557), 287-7430

Week of:	Lecture	Lab
Sept 9	Introduction, explanation of projects	Introduction to facilities
16	Research writing: cover pages & abstract	Behavioral techniques, animal handling
23	Surgery demonstration	Animal ethics
30	Research writing: Introduction	Surgery
Oct 07	Thanksgiving	Visual brightness training
14	Research writing: Methods	Visual pattern training
21	Behavioral testing procedures	Motor testing
28	Embedding, sectioning and histology	Perfusions, removal of brains
Nov 04	Data analysis	Sectioning of brain tissue
11	Data analysis and results writing	Data analysis and integration
18	Research writing: Discussion	Staining of brain tissue
25	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
 - Behavioral procedures (due Sept 25)... more detail than journal format (5%)
 - Surgical procedures (due Sept 30) (5%)
 - Literature review on visual performance and cortical lesions (due Oct 21) (10%)
 - Results section on visual behaviors (due Nov 11) (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.