

NRO C63F FALL, 2001
Dr. Ted L. Petit (S557), 287-7430

Week of:	Lecture	Lab
Sept 10	Introduction, explanation of projects	Introduction to facilities
17	Research writing: cover pages & abstract	Behavioral techniques, animal handling
24	Surgery demonstration	Animal ethics
Oct 01	Research writing: Introduction	Surgery
08	Thanksgiving	Visual brightness training
15	Research writing: Methods	Visual pattern training
22	Behavioral testing procedures	Motor testing
29	Embedding, sectioning and histology	Perfusions, removal of brains
Nov 05	Data analysis	Sectioning of brain tissue
12	Data analysis and results writing	Data analysis and integration
19	Research writing: Discussion	Staining of brain tissue
26	Final paper: Integration	Light microscopy
Dec 03	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 26)... more detail than journal format (5%)
 - Surgical procedures (due Oct 1) (5%)
 - Literature review on visual performance and cortical lesions (due Oct 22) (10%)
 - Results section on visual behaviors (due Nov 12) (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.