

NRO C63F FALL, 2003
Dr. Ted L. Petit (S557), 287-7430

Week of:	Lecture	Lab
Sept 8	Introduction, explanation of projects	Introduction to facilities
15	Surgery demonstration	Behavioral techniques, animal handling
22	Research writing: cover pages & abstract	Animal ethics
29	Research writing: Introduction	Surgery
Oct 06	Research writing: Methods	Visual brightness training
13	Thanksgiving	Visual pattern training
20	Behavioral testing procedures	Motor testing
27	Embedding, sectioning and histology	Perfusions, removal of brains
Nov 03	Data analysis	Sectioning of brain tissue
10	Data analysis and results writing	Data analysis and integration
17	Research writing: Discussion	Staining of brain tissue
24	Final paper: Integration	Light microscopy
Dec 01	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 22) (5%)
 - Behavioral procedures (due Sept 29)... more detail than journal format (5%)
 - Literature review on visual performance and cortical lesions (due Oct 20) (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 26

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.