

NRO C63S – SPRING 2007
Dr. Janelle LeBoutillier
Office: S557; phone: 287-7430; email; leboutillier@utsc.utoronto.ca
TENTATIVE COURSE OUTLINE

Lecture: Wed 9-11, AA206
Lab: Thurs 1-4, S148

| Week of: | | Lecture | Lab |
|----------|----|--|--|
| Jan | 8 | Introduction, explanation of projects | Animal husbandry |
| | 15 | Animal Ethics | Behavioural techniques, animal handling, cross fostering |
| | 22 | Research writing: cover pages & abstract | Demonstration of behavioural techniques |
| | 29 | Research writing: Introduction | Behavioral testing |
| Feb | 5 | Research writing: Methods | Behavioral testing |
| | 12 | Behavioral testing procedures | Behavioral testing |
| | 19 | READING WEEK | |
| | 26 | Embedding Sectioning and histology | Behavioral testing |
| Mar | 5 | Data analysis | Perfusions, removal of brains |
| | 12 | Data analysis and results writing | Sectioning of brain tissue |
| | 19 | Research writing: Discussion | Staining of brain tissue |
| | 26 | Final paper: Integration | Light microscopy |
| April | 2 | 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 |
| | Animal protocol (due Jan 22) (5%) |
| | Behavioral procedures (Jan 29)... more detail than journal format (5%) |
| | Literature review; Introduction to paper (Feb 26) (10%) |
| | Behavioral Results section (due Mar 19) (10%) |
| 25% | Final exam on lectures and text |
| 15% | Seminar and laboratory performance |
| 30% | Final research paper, due April 3 |

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.