

NRO D63 Spring 2003
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TENTATIVE COURSE OUTLINE

Week of:	Lecture	Lab
Jan 5	Introduction, explanation of projects	Introduction to Facility, Animal Husbandry P(3)
Jan 12	Behavioural Techniques (RT1)	Animal Husbandry P(10) Maintaining Litters
Jan 19	Golgi Techniques (S557)	Behavioural Testing P(17)
Jan 26	Behavioural Testing (S148)	Anatomical Techniques Golgi (P24) (S557)
Feb 2	Golgi Measures (RT2)	Anatomical Techniques Golgi (P31) (S557)
Feb 9	Pb and Behaviour (RT3/4)	Anatomical Techniques Behavioural Data Analysis 1
Feb 16	Reading Week	Reading Week
Feb 23	WCNP No Class	Anatomy
Mar 1	Pb and Anatomy (RT5)	Anatomical Techniques Anatomical Data Analysis I
Mar 8	MK801 and NMDA (RT6/7)	Behavioral Data Analysis 2 Anatomical Data Analysis 2
Mar 15	Hippocampus and Learning and Memory (RT8)	Data Collection and Analysis Discussion of Data Results
Mar 22	Manuscript Evaluation (RT9)	Manuscript Evaluation and Integration of Research Data
Mar 29	Research Paper Due	Completion of Lab

TEXT: There is no text for this course. However, you will be required to make heavy use of the research journals and books in the library.

GRADING: 10% Student Presentations
15% Evaluations of Manuscripts (due Jan 14, Feb 4) and Methods
Summaries (due Jan 21)
25% Quizzes and Class Participation
20% Lab Performance
30% Final Research Paper, due Mon March 29

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 lab or lecture period. A missed quiz or presentation will be scored as zero unless a medical note is provided.

Student Presentations

With the exception of the first presenter, each student is expected to provide a written summary of the material to be covered to me one week in advance of their presentation date. In addition, you should select 2-3 papers (to be approved by me) on your topic to distribute to students one week in advance of your presentation.

Quizzes

Quizzes will be given at the end of most presentations. Quiz questions will be based on the content of the presentation and the assigned reading materials.

Participation and Performance

Students are expected to come to class and labs prepared to participate fully in the discussions. You are responsible for reading the required papers in advance of student presentations. You are also expected to maintain the lab schedule. As noted above, we are participating in novel research and as such, not all experimental parameters can be controlled. While it is my hope that we will not need to revise the course outline provided, if necessary lab and lecture dates may be changed. As the research progresses deadlines for all anatomical and behavioral data collection will be imposed. This is an advanced neuroscience lab course and you are expected to participate in the lab outside of the scheduled lab periods on Wed afternoons.

Lab Rooms

You will be working in S620, S148 and S557. Access cards will be issued to S620 through campus police. In addition, keys to S148 may be signed out from campus police after Jan 7. Most of the anatomical work will be conducted in S557. Only students currently enrolled in this course may access these rooms—there are no exceptions.