

# PSY1C63Y COURSE SYLLABUS

*Second Semester*

**Course Instructor:** M.P. Murphy  
**Office Hours:** Tuesday, 1-3 pm, S-569  
(or by appointment)  
**Text:** Assigned Readings

The purpose of the lecture section of the course is to provide theoretical/background information on both theoretical aspects of the actual class experiment for the semester, and on the various laboratory methods that we will be using during the course of the study. As always, for logistical reasons the lecture content will not exactly correspond to what occurs in the lab on any particular week, but I've tried to get it as close as possible.

**Date:**

**Outline:**

Jan 7	Course introduction; introductory cell biology and rationale for this semester's experiment
Jan 14/21	Functional neuroanatomy of the rat limbic system (mainly hippocampus and amygdala); techniques of behavioral and microscopic analysis
Jan 28	Theory and methodology of the preparation of solutions
Feb 4/11	Immunocytochemistry - theory and practical aspects
Feb 18	READING WEEK
<b>Feb 25</b>	<b>Midterm Exam - 20%</b>
Mar 4/11	Neuroanatomical Tracing Techniques; critical analysis of journal articles [assignment: written critique and short answer questions]

Mar 18	<b>Hand in written assignment (10%);</b> Data Analysis techniques and interpretation I
Mar 25	Data Analysis techniques and interpretation II [take home assignment and assigned behavioral pharmacology readings]
Apr 1	<b>Hand in data analysis assignment (5%);</b> Behavioral pharmacology I (seminar format)
Apr 8	Behavioral pharmacology II (seminar format)
Apr 11	<b>Last day of class - paper due by 5pm (35%)</b>

There will be a final exam during the exam period **(10%)**. The exam will consist of a single question dealing with a critique of the class project and design of future experiments (*ie.*, extensions of the class experiment) based on techniques learned in the lab and in class. Also, there are additional marks for participation **(10%)** in class (particularly the seminars) and lab discussions, and a mark for lab performance **(10%)**.

**SUMMARY OF MARKS:**

Midterm Exam (Feb 25)	20%
Assignment 1 (Tracing Tech & Critique; Mar 18)	10%
Assignment 2 (Data Analysis; Apr 1)	5%
Write-up of Class Project (Apr 11)	35%
Final Exam	10%
Class/Lab Participation	10%
Lab Performance	10%