

**PSYCHOLOGY D62S, Neuroplasticity: Mechanisms and Function**  
**Fall 1996**

Dr. T. Petit  
Office: S-557; Telephone: 287-7430

Date	Topic	Book Chapters
Sept 10	Notions, paradigms and research tools.	1, 2
17	Biological universals	3 & 4 to p.60
24	Simple nervous system: Aplysia	4 p.60 to end
Oct 1	Simple nervous system: Hermissenda	5
8	Long-term potentiation	6
15	Neurogenetics, molecules and memories	7, 8 to p. 134
22	Morphological plasticity and internal representations.	8 to end, 9
29	Topography of engrams. Research paper summary and outline due.	10
Nov 5	Memory systems in vertebrates	11
12	Imprinting	12
19	Sensitive periods: Bird song	13
26	Monkey vision and lesions	14
Dec 3	Amnesia in humans. Research paper due.	15

Text: The Neurobiology of Memory: Concepts, Findings and Trends, by Yadin Dudai, Oxford University Press.

Grading: 20% Weekly quiz  
20% Oral presentation  
30% Class participation  
30% Research paper

All research papers are due on December 3, 1996. For each day the paper is handed in late, 10 points will be deducted from the grade earned on the paper. No paper will be accepted or graded 10 days past the due date; a grade of 0 will be entered for the paper on this date.