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**PSY 435G: COGNITION**

**Fall 1988**

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**SYLLABUS**

**1.0 General Information**

- 1.1 Catalog Details:**      Psy 435G TLN 2355    3 Credits  
Classes meet: 8:00-9:20 AM UH in 146  
Straub
- 1.2 Instructor:**            Ray Hyman, 323 Straub, 686-4910  
Office hours: M 2:30-4:30 PM/ F 2:00-  
3:30 PM
- 1.3 Textbook:**             Sanford, A.J. (1985). Cognition and  
Cognitive Psychology.
- 1.4 Examinations:**        *MIDTERM Thursday October 27, 1988*  
*FINAL Thursday December 15, 8:00-10:00*  
*AM*

Please note the date and the  
time of the Final  
Examination. If you  
anticipate not being able to  
take the final at the  
scheduled time, you should  
not take this course!

- 1.5 Term Project:**        The term paper is due on Thursday,  
December 8, 1988. Papers handed in  
after this date will either be marked  
down or not accepted. The paper should  
deal with one of the major topics or  
issues raised in the course. For your  
own protection, you should obtain my  
permission for your project.
- 1.6 Comments:**            The midterm will be worth up to 50  
points; the final examination will be  
worth up to 100 points; the term paper

will also be worth up to 100 points. A total of 250 points is possible in the course. Both the examinations will be essay in format.

# TOPICS AND ASSIGNMENTS

<u>Week</u>	<u>Lectures</u>	<u>Topics</u>	<u>Assignments</u>
1	Sep 27,29	COGNITION & COGNITIVE SCIENCE/ Information Processing, Intention	Ch 1, Ch 2
2	Oct 4, 6	PERCEPTION & ATTENTION Pattern recognition, Blackboard models, Capacity, Automaticity	Ch 3, Ch 4
3	Oct 11,13	MEMORY/ Ebbinghaus, Bartlett, Chunking, Working Memory, Mnemonics	Ch 5, Ch 6
4	Oct 18,20	UNDERSTANDING/ Discourse, Semantic memory, Schemata	Ch 7, Ch 8
5	Oct 25 Oct 27	Review <u>MIDTERM EXAMINATION</u>	
6	Nov 1 Nov 3	LANGUAGE GUEST LECTURE	Ch 9, Ch 10
7	Nov 8,10	THINKING/ Problem-solving, Mental Models, Cognitive biases	Ch 11, Ch 12
8	Nov 15,17	REASONING & RATIONALITY	Ch 13
9	Nov 22	IMAGERY	Ch 14
10	Nov 29, Dec 1	COGNITION & INTELLIGENCE	
11	Dec 6,8	IMPLICATIONS & APPLICATIONS	TERM PAPER DUE DEC 8
	Dec 15	Final Examination, 8:00 to 10:00 A.M. Be there!	