

**PSYCHOLOGY 358: COGNITIVE PSYCHOLOGY**

**WINTER 1992**

**INSTRUCTOR:** TBA

**READINGS:** Anderson, J.R. (1990) Cognitive psychology and its implications (3rd Edition). NY: W. H. Freeman.  
Possible additional readings on reserve in the LRC.

**Prerequisites:**  
Psy. 260 and Psy 309

**Description**

This course covers the general domain of cognitive psychology. The topics considered will include perception, attention, information representation, memory, problem solving, expertise, reasoning, language comprehension, and the nature of intelligence. The research practices of cognitive psychology will be emphasized by considering current results and theories.

**Evaluation:**

Grading will be based on two midterm exams and a cumulative final exam. Each exam will be weighted equally and worth one third of the final mark. The exams will consist of multiple-choice, short answer, and short essay questions. In addition, students can write an optional paper.

**Optional Paper**

A short (5 page maximum) optional paper can be written in order to improve the final mark. This paper cannot lower a student's final grade, but can raise a borderline grade one marking level (e.g., can raise a borderline case from a 6 to a 7). The paper consists of selecting, reading, summarizing, and evaluating a journal article in cognitive psychology. More information will be provided later.

## COURSE OUTLINE

DATE	TOPIC	READING
Jan. 2	Introduction to Course	
7	History and Approach	Chapter 1
9	Perception and Attention	Chapter 3
14		
16	Visual Representation/Imagery	Chapter 4
21		
23	Propositional Representation	Chapter 5
28		
30	EXAM 1	
Feb. 4	Memory: Basic Concepts	Chapter 6
6		
11	Memory: Encoding and Retrieval	Chapter 7
13		
18	Problem Solving	Chapter 8
20		
READING WEEK		
Mar. 3	Skill and Expertise	Chapter 9
5	EXAM 2	
10	Reasoning	Chapter 10
12		
17	Language Structure	Chapter 11
19		
24		
26	Language Comprehension	Chapter 12
31		
Apr. 2	Nature of Intelligence	Chapter 14

FINAL EXAM will be held during EXAM Week.