
Course Syllabus
Psychology 7/8211
Cognitive Processes
Fall 2004

Lecture: Tuesdays and Thursdays, 5:30 – 6:55
230 Psychology Bldg.

Instructor: Roger Kreuz
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Office hours: Mondays, Tuesdays & Thursdays, 4:00 – 5:00, and by appointment
Textbook: Ashcraft, M. H. (2002). *Cognition (third edition)*. Upper Saddle River, NJ: Prentice Hall.

Objectives: This course is a wide-ranging survey of the themes that comprise cognitive psychology and cognitive science. The topics to be covered appear below in the class schedule.

Evaluation: Essay examinations will be given on September 21st, October 26th, and December 16th. A review paper will be due on December 13th. Each test and the paper will count as 25% of the final course grade.

Class Schedule, Assignments, and Test Dates

Aug 31	Introduction
Sep 02, 07	The Big Picture; methods and tactics (chapters 1 and 2)
Sep 09, 14, 16	Perception, pattern recognition, and attention (chapters 3 and 4)
Sep 21	First examination
Sep 23, 28, 30	Memory I: Structure and process (chapter 5)
Oct 05, 07, 12	Memory II: Semantic memory (chapters 6 and 7)
Oct 14	Concepts and categories (chapter 8)
Oct 19	<i>No class — Fall Break</i>
Oct 21	Mental imagery and processing issues
Oct 26	Second examination
Oct 28, Nov 02	Language I: Syntax and semantics (chapter 9)
Nov 04	Language II: Discourse processing and pragmatics (chapter 10)
Nov 09	Logical reasoning (chapter 11, pp. 444-453)
Nov 11, 16	Problem solving (chapter 12)
Nov 18	<i>No class — Psychonomics</i>
Nov 23, 30	Judgment and decision making (chapter 11, pp. 454-490)
Nov 25	<i>No class — Thanksgiving</i>
Dec 02	Cognitive neuropsychology
Dec 07	Artificial intelligence
Dec 13	Papers due (by noon)
Dec 16	Third examination (5:30-7:30)
