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## Course Syllabus Psychology 7/8211 Cognitive Processes Fall 2010

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

Instructor: Roger Kreuz  
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Office hours: Mondays, Tuesdays & Thursdays, 4:00 – 5:00, and by appointment

Textbook: Ashcraft, M. H., & Radvansky, G. A. (2010). *Cognition (fifth 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 21<sup>st</sup>, October 28<sup>th</sup>, and December 16<sup>th</sup>. A review paper will be due on December 13<sup>th</sup>. Each test and the paper will count as 25% of the final course grade. Test dates are fixed and make-ups will not be given.

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### Class Schedule, Assignments, and Test Dates

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Aug 30	Introduction
Sep 02, 07	The Big Picture; methods and tactics (chapters 1 & 2)
Sep 09, 14, 16	Perception, pattern recognition, and attention (chapters 3 & 4)
Sep 21	<b>First examination</b>
Sep 23, 30, Oct 05	Memory I: Structure and process (chapter 5)
Sep 28	<b>No class (NSF)</b>
Oct 07, 12, 14	Memory II: Semantic memory (chapters 6 & 7)
Oct 19	<b>No class (Fall Break)</b>
Oct 21	Concepts and categories (chapter 8)
Oct 26	Mental imagery and processing issues
Oct 28	<b>Second examination</b>
Nov 02, 04	Language I: Overview and syntax (chapter 9)
Nov 09	Language II: Discourse processing and pragmatics (chapter 10)
Nov 11	Logical reasoning (chapter 11, pp. 413-424)
Nov 16	Problem solving (chapter 12)
Nov 18	<b>No class (Psychonomics)</b>
Nov 23, Nov 25	Judgment and decision making (chapter 11, pp. 424-463)
Nov 30	<b>No class — Thanksgiving</b>
Dec 02	Cognitive neuropsychology
Dec 07	Artificial intelligence
Dec 13	<b>Papers due (by noon)</b>
Dec 16	<b>Third examination (5:30-7:30)</b>

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