

## PSYCHOLOGY 6400/7400: Cognitive Psychology (Fall 2014)

**Instructor:** Dr. Stephen Christman  
**Meeting Times:** Monday, Wednesday 11:00-12:15 pm; UH 6400  
**Office:** UH5018C (phone: 530-4684)  
**Office Hours:** Wednesday 11:00 am – 3:00 pm (& by appt.)  
**Text:** *Cognitive Psychology and its Implications*, 6<sup>th</sup> Ed., by J. R. Anderson

<u>Dates:</u>	<u>Lecture Topics and Assigned Readings:</u>	<u>Dates:</u>	<u>Lecture Topics and Assigned Readings:</u>
Aug. 26	Introduction: Class format, Historical issues [ch.1]	Oct. 21	NO CLASS
Aug. 28	Neural Bases of Cognition [ch.1]	Oct. 23	Problem Solving and Creativity [ch.8]
Sept. 2	Perception [ch. 2]	Oct. 28	Expertise [ch. 9]
Sept. 4	Attention [ch. 3]	Oct. 30	Reasoning and Decision Making [ch. 10]
Sept. 9	Perception-based Knowledge Representations [ch. 4]	Nov. 4	Language Structure [ch. 11]
Sept. 11	Meaning-based Knowledge Representations [ch. 5]	Nov. 6	Language and Thought; Lang. Acquisition
Sept. 16	Meaning-based Knowledge Representations [ch. 5]	Nov. 11	NO CLASS (Veteran's Day)
Sept. 18	Human Memory: Short-term Memory [ch. 6]	Nov. 13	Language Comprehension, Neuropsychology of Language [ch. 12]
Sept. 23	Human Memory: Short-term Memory [ch. 6]	Nov. 18	Individual Differences in Cognition [ch. 13]
Sept. 25	NO CLASS	Nov. 20	NO CLASS
Sept. 30	Human Memory: Retention and Retrieval [ch. 7]	Nov. 25	NO CLASS
Oct. 2	Human Memory: Retention and Retrieval [ch. 7]	Nov. 27	NO CLASS (Thanksgiving Break)
Oct. 7	How Many Memory Systems Are There?	Dec. 2	Cognition and Emotion
Oct. 9	Neuropsychology of Memory; <i>Distribution of</i> <b>MIDTERM TAKE-HOME EXAM</b> <b>(chs. 1-7; 200 pts); due Oct. 23</b>	Dec. 4	Cognition and Consciousness
Oct. 14	NO CLASS (Fall Break)	Dec. 9	Cognition and Brain Asymmetry
Oct. 16	NO CLASS	Dec. 11	Review and Discussion

*Thurs Dec 18, 10:15-12:15* **FINAL EXAM (chs. 8-13; 200 points)**

In addition to the two examinations, students are required to keep a notebook of observations, ruminations, reactions and ideas. This will be described in detail during the first class meeting. This notebook will be turned in at the final exam and will be worth an additional 100 points.

Students will also be required to write a series of 8 short papers (3-4 pages) to be turned in on a roughly biweekly basis. Each paper will consist of a brief review of one of the research articles cited in the textbook. The paper should contain descriptions of (i) what the specific topic of interest was, (ii) what methods were used, (iii) what the basic results were, and (iv) a brief summary of the authors' discussion of those results. Each paper will be worth 12.5 points. On occasion, we will use these student papers as starting points for in-class discussions; students may be asked on occasion to briefly present their paper to the class.

### GRADING

Exam 1	200
Exam 2	200
Journal	100
Short papers (8 @12.5 points each)	100
Total points possible	600