

**Cognitive Psychology 435/535
Fall 2014**

Monday/Wednesday 8:30-9:50AM
302 Gerlinger Hall

Instructor: Dr. Ed Awh awh@uoregon.edu 346-4983
office Hours: Mon/Wed 10:00-11:00AM or by appointment (333
LISB)
GTF: Arthur Juliani ajuliani@uoregon.edu
Office hours: Mon 2:00-3:00PM (LISB 229)

Course description: This course provides a broad overview of modern cognitive neuroscience theories and research methods. You will learn about current models of memory, attention, perception and other cognitive processes. A key goal is to sharpen your ability to evaluate scientific evidence and the degree to which it supports specific theoretical claims.

Class Blackboard site: There is a blackboard website for this class accessible at blackboard.uoregon.edu.

OPTIONAL Textbook: *Cognition: Exploring the Science of the Mind*,
by Daniel Reisberg. Norton Publishing Company. Some readings
for the class will be posted on blackboard. Used copies of the
Reisberg text can be purchased online if you are interest in having
it as a resource (older editions are fine). A copy will also be placed
on reserve in the Knight Library.

Examinations: There will be **three** midterms and no final exam.
The three midterm exams will be worth a total of 75% of your final grade.

Exams will cover material from the lecture, supplemented by readings distributed on the blackboard site. Attending lectures will be very helpful for your understanding of the material, but attendance is not monitored or required.

Exams and term paper will be weighted as follows:

Highest two midterm scores: 27.5% each

Lowest midterm score will count **20%**.

Term paper: 25%

All three midterms and the paper must be completed to receive a passing grade.

The specific details of the term paper assignment (length, topic, and due date) will be announced within the first two weeks of the course.

Course Schedule

Sept 29	History of Cognitive Psychology
Oct 1, 6	Object Perception
Oct 8, 13	Selective Attention (early vs. late selection)
Oct 15	1st MIDTERM
Oct 20	Selective Attention – (enhancement and inhibition)
Oct 22	Multi-tasking: Can you do two things at once? Understanding the limits of divided attention.
Oct 27	Distinguishing Multiple Memory Systems: Amnesia, Explicit and Implicit Memory
Oct 29, Nov 3	Memory tricks and Memory Errors: What helps long term retention? People with extraordinary memory. When and how does memory fail?
Nov 5	Mental Imagery: Conjuring images that aren't there.
Nov 10	2nd MIDTERM
Nov 12, 17	Working memory: The Capacity and Structure of the Brain's "online" workspace.
Nov 19	Concepts and Categories: How is knowledge of the world organized in the mind?
Nov 24	Judgment and Decision Making
Nov 26	Inductive and Deductive Reasoning
Dec 1	To be announced
Dec 3	3rd MIDTERM