

Cognitive and Developmental (Psyc. 510)

Instructor: Dr. Dale Cohen
Office: 110B SB
Phone: 962-3917
e-mail: cohend@uncw.edu
Home Page: <http://people.uncwil.edu/cohend/>
Office Hours: 11:00-12:00 Tuesdays and Thursdays

I recognize that many students cannot come during office hours, therefore I am also available by appointment. If you want to see me and cannot make my office hours, please set up an appointment with me in advance.

Requirements:

- Reading:** You are all graduate students, you know the rule. Be prepared
- Attendance:** Attendance and participation is required.

Deriving Your Grade:

Participation	Have articles read and contribute to the class discussion	40%
Presentation	20 minute presentation	10%
Paper	Detailed paper on aproved cognitive topic	40%
Discussion lead	In groups of 2, students will choose a paper and lead a discussion on that paper.	10%

Introduction to the scientific method

- 1) Marshall Walker (1963). Chapter1. *The nature of scientific thought*. Spectrum Books: Englewood Cliffs, NJ.
- 2) Richard P. Feynman (1995). Chapter 1 & Chapter 2. *Six easy Pieces*. Addison Wesley: New York.

What cognitive psychology is and what it is not

- 3) B. F. Skinner, *Why I am not a cognitive psychologist*.
- 4) Ulric Neisser (1966). Chapter 1. *Cognitive Psychology*.

Methods and modeling

- 5) Saul Sternberg (1995). Inferring mental operations from reaction-time data: How we compare objects. In (Eds.) D. Scarborough.& S. Sternberg. *Methods, Models, and Conceptual Issues*. MIT Press: Cambridge.
- 6) John Swets (1995). Separating discrimination and decision in detection, recognition, and matters of life and death. In (Eds.) D. Scarborough.& S. Sternberg. *Methods, Models, and Conceptual Issues*. MIT Press: Cambridge.

Perception

- 7) Harold Pashler (1995). Attention and Visual Perception: Analyzing divided attention. In (Eds.) S. M. Kosslyn.& D. N. Osherson. *Visual Cognition*. MIT Press: Cambridge.
- 8) Irvin Rock (Ed) 1996. Forward & Chapter 1. *Indirect Perception*. MIT Press: Cambridge.
- 9) Irvin Rock (Ed) 1996. Chapter2 & Chapter 6. *Indirect Perception*. MIT Press: Cambridge.
- 10) Two Readings
 - a) Roger Shepard (1971). Mental rotation of three-dimensional objects. *Science*, 19,701-703.

- b) Irvin Rock 1974. The perception of disoriented figures. *Scientific American*, 230, 78-85.

Cognition

- 11) Shepard, R. N. (2001) Perceptual-Cognitive Universals as Reflections of the World. *Behavioral and Brain Sciences* 24 (3): XXX-XXX. Reprinted from *Psychonomic Bulletin & Review*, 1994, 1, 2-28.
- 12) Kubovy, M. (2001) Internalization: A metaphor we can live without. *Behavioral and Brain Sciences* 24 (3): XXX-XXX.
- 13) Kahnman, Slovic, & Tversky (Eds.) 1982. Chapter 1 & Chapter 2. *Judgment under uncertainty*. Cambridge University Press: Cambridge.
- 14) Kahnman, Slovic, & Tversky (Eds.) 1982. Chapter 3 & Chapter 4. *Judgment under uncertainty*. Cambridge University Press: Cambridge.
- 15) TBA

Student Discussion Leads

Student Presentations