

# PSYC S1001Q The Science of Psychology

**Tentative syllabus -- subject to revision**

**Instructor: Bernard P Chang, Ph.D.**

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**Office Hours: By Appointment (you can always e-mail me a quick question as I check often!)**

**Teaching Assistant:**

3 pts Summer session II. July 5 - August 12, 2005

TR 9 AM - 12:10 PM 614 Schermerhorn Hall

**Bulletin Description**

A broad and rigorous introduction to the study and science of psychology. Topics to be discussed include: memory, sensation and perception, personality, language and cognition, emotion and motivation, psychopathology, and social psychology. A multi-level analysis will be taken throughout this course, emphasizing the integration and intersection of brain, development, and social experience towards our understanding of human behavior.

Welcome to Intro Psych! During the next 6 or so weeks I'm going to be taking you on a whirlwind tour of some of the central topics in psychology today. We will be looking at psychology from a biopsychosocial perspective...looking at how things such as the brain, cognition and social variables influence behavior. We will start things off by examining selected topics in biological psychology. Once we develop some core ideas in this we will then walk through some of our basic sensory processes and see the various factors involved in perception. After this, we will explore several topics in cognition and emotion. This will be followed up by a discussion on social psychology. Finally, we will end the course with an introduction to abnormal psychology and psychopathology.

**Grading:**

Midterm: 25%

Research Paper 25%

Final: 50%

\* No makeups are given for midterm; for documented medical or family emergencies, grade will be based solely on remaining exam/research paper

**Textbook:**

Kosslyn & Rosenberg: Fundamentals of Psychology (2<sup>nd</sup> edition)

## Course Syllabus:

### **Week 1: Introduction and Biological Psychology**

7/5: Introduction to Course and Brain and Biology I (Chapter 2)

7/7: Brain and Biology II

### **Week 2: Sensation and Perception**

7/12: Models of Vision and the Brain (Chapter 3; pp 88-107)

7/14: and the Brain (Chapter 3; pp 109-114)

### **Week 3: Language and Cognition**

7/19: Language and Cognition (Chapter 6)

7/21: MIDTERM

### **Week 4: Learning/Memory and Social Psychology**

7/26: Social Cognition (Chapter 13; 488-500)

7/28: Learning and Memory (with clinical correlates; Chapter 4;5 pp 166-174)

### **Week 5: Introduction to Psychopathology**

8/2: Basic Issues and Concepts: The DSM (Chapter 11; pp: 415-421)

8/4: Schizophrenia and Depression (Chapter 11)

### **Week 6: Emotion**

8/9: Emotion/Review (Chapter 7; pp: 254-263)

8/11: FINAL EXAM