

# Cognition

**CNS/Bi/SS/Psy 176 - Spring 2011**

**Shin Shimojo**

**12 Units (6-0-6)**

TIME: Thursday 4:00 PM - 6:00PM

LOCATION: Broad 200

The cornerstone of current progress in understanding the mind, the brain, and the relationship between the two is the study of human and animal cognition. This course will provide an in-depth survey and analysis of behavioral observations, theoretical accounts, computational models, patient data, electrophysiological studies, and imaging results on mental capacities such as attention, object representation and recognition, memory, cognitive development, and language.

**Undergraduates CAN take the course with an instructor's permission.** Prerequisite (or preferred background) includes an introduction to experimental psychology, neuroscience, cognitive science, computational vision, biomedical engineering, etc.