

## Psychology 703 – Cognitive Neuroscience

Class hours: MW 11:00-11:50

Instructor: Edward Golob, Ph.D.

Office Hours: Mon 3-4 and by appointment (3067 Stern Hall)

### *Course Description*

The class is designed to have a balanced approach to issues in cognitive psychology, neuroscience, and the relations between cognitive psychology and neuroscience. Topics include the neural basis of perception, attention, memory, language, and motor skills. We will also study how these processes change during normal development and in various neurological disorders. Critical thinking, problem solving skills, and use of the scientific method will be emphasized during class meetings and applied towards writing an NIH grant.

### *Textbook:*

Gazzaniga, Michael S, Ivry, Richard B, and Mangun, George R. (2002). *Cognitive Neuroscience: The Biology of Mind* (2<sup>nd</sup> edition ). W.W. Norton & Company: New York, NY.

### *Assignments and Grading*

The main project is writing a research proposal using the NIH R03 format. The grant will account for 70% of the grade; class participation will count for 30%. The class will be a roundtable discussion, but each week one person will facilitate discussion (which contributes to class participation grade). Grading is on a straight percentage scale. 100-90% = A, 89-80% = B, 79-70% = C, 69-60% = D, < 60% = F.

### *Honor system*

Students are expected to follow the principles of the Tulane Honor Code. Any violations of this code will be enforced.

Please let the instructor know during the first week of class if you need accommodation for a medical disability.