Class Meetings: Tuesdays, 12:30-3:30pm, Room 323, Psychology Building  
Instructor: Matt Grilli, Ph.D.  
Office: Psychology Building, 217A  
Email: mdgrilli@email.arizona.edu  
Office hours: by appointment

Course description:  
This course is an introduction to basic topics in human neuropsychology for graduate students who are interested in clinical neuropsychology and cognitive neuroscience. Although there are no prerequisites for the course, knowledge of basic neuroanatomy, neurophysiology, and cognitive psychology is very helpful. This course will cover principles, theories, and cognitive processes that are central to the study and practice of neuropsychology. Major topics will include motor control, language, visuospatial cognition, learning and memory, executive functions, emotion, attention, awareness, and social cognition. These topics will be reviewed from a neuropsychological perspective and therefore will emphasize findings from research on neuropsychological populations and implications for neuropsychological intervention. Classroom lectures and discussions will use empirical and clinical case materials.

Course website: The syllabus and extra readings for the course will be available at http://D2L.arizona.edu. In addition, I will post any notices regarding changes in schedule, etc. to this site.

Required text:  

Class Schedule and Readings

The schedule and readings are subject to change. Additional reading other than the textbook are available on the D2L website as pdf files. Readings should be done before class.

August 23rd: Neuropsychology: history and contemporary influence

1. K&W: Chapters 1 and 2  
August 30th: Central nervous system organization
1. K & W Chapters 3 and 7

September 6th: Neuropsychological conditions: traumatic brain injury, stroke, and epilepsy
1. K & W Chapter 26

September 13th: Sensory system and motor system/disorders
1. K & W Chapters 8 and 9

September 20th: Principles of neocortical function and callosal syndromes
1. K & W Chapters 10, 11 (pgs 283-298), and 17

September 27th: Visual system and disorders
1. K & W Chapter 13
October 4th: Neglect and other sensory system disorders
1. K & W Chapters 14 and 15

October 11th: Midterm

October 18th: Language disorders
1. K & W Chapter 19

October 25th: Memory disorders
1. K & W Chapters 18 and 21

November 1st: Executive dysfunction
1. K & W Chapter 16

November 8th: consciousness and the self
1. K & W Chapter 22
November 15th: Emotion and social cognition

1. K & W Chapter 20

November 22nd: No class

November 29th: Neuropsychological assessment and rehabilitation

1. K & W Chapters 25 and 28

December 6th: Final exam

Course Requirements

Neuropsychological studies discussions (30% of final grade): As supplemental reading, each week all students will read two case/group studies related to that week’s topic. These are marked with an asterisk (*). These studies will be the focus of class discussion. Students should be prepared to discuss the content of the papers and ask questions. You will receive a weekly grade based on your participation. The lowest two scores will be dropped.

Midterm exam (30% of final grade): The midterm exam will test your mastery of material from the first half of the course and will consist of multiple choice and short response questions.

Final Exam (40% of final grade): The final exam will test your mastery of material from the entire course, and will follow the same format as the midterm exam.
Attendance Policy:
All holidays or special events observed by organized religions will be honored for those students who show affiliation with that particular religion. Absences pre-approved by the instructor or the UA Dean of Students (or Dean designee) will be honored.

Classroom Behavior and Classroom Policies Regarding Effective Learning:
Students are expected to adhere to the Code of Academic Integrity. The policies related to such issues as cheating and plagiarism will be strictly enforced. Read the full Code at: http://dos.web.arizona.edu/uapolicies/cai1.html. All writing assignments handed in through D2L will be reviewed using Turnitin.

In addition, individuals in groups can learn best when all are considerate of each other. Therefore, I ask that you please make every effort to make the environment in the classroom conducive to effective learning. This includes such things as turning off your cell phone, only using your laptop for class related activities, refraining from conversation that is not geared toward the topic of the day, and arriving on time. Read the full Student Code of Conduct at: http://dos.web.arizona.edu/uapolicies/scc5308abcd

The Arizona Board of Regents’ Student Code of Conduct, ABOR Policy 5-308, prohibits threats of physical harm to any member of the University community, including to one’s self. See: http://policy.web.arizona.edu/~policy/threaten.shtml.

Notification of Objectionable Materials (if applicable):
Students will be warned of course content that may be deemed offensive by some individuals.

Students with Disabilities:
It is the University’s goal that learning experiences be as accessible as possible. If you anticipate or experience physical or academic barriers based on disability or pregnancy, please let me know immediately so that we can discuss options. You are also welcome to contact Disability Resources (520-621-3268) to establish reasonable accommodations.

Please be aware that the accessible table and chairs in this room should remain available for students who find that standard classroom seating is not usable.

Student Code of Academic Integrity:
Students are encouraged to share intellectual views and discuss freely the principles and applications of course materials. However, graded work/exercises must be the product of independent effort unless otherwise instructed. Students are expected to adhere to the UA Code of Academic Integrity as described in the UA General Catalog. See: http://dos.web.arizona.edu/uapolicies/.

Confidentiality of Student Records:
http://www.registrar.arizona.edu/ferpa/default.htm
Subject to Change Statement:
Information contained in the course syllabus, other than the grade and absence policy, may be subject to change with advance notice, as deemed appropriate by the instructor. Any changes to the syllabus will be announced in class and posted on the D2L website. It is the responsibility of students to check the D2L website regularly for announcements and updates.