

California State University, San Marcos PSYC 465 : Human Neuropsychology Fall 2012 Syllabus Section 01 - CRN 41928 – MoWe 4:00pm-5:15pm Univ. Hall 370 Course website: http://courses.csusm.edu/psyc465md Prerequisites: PSYC 360 or PSYC 362	Dr. Michael Diehr mdiehr@csusm.edu Phone: see below Office Hours : SBSB 3223 Wed 9:45a-11:15a Wed 1:30p-3:00p
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SCHEDULE Notes: Dates for reading, lecture, quizzes and assignments may change during the semester. Always check your CSUSM email and the class website for updates. The Final Exam and Midterm dates should not change.

Dates	Topic	Reading	Exam/Assignment
Mo Aug 27	Introduction	KW1	
We Aug 29	Introduction	KW1	
Mo Sep 03	Labor Day Holiday		
We Sep 05	Brain Evolution	KW2, S3	
Mo Sep 10	Nervous System Organization	KW3	
We Sep 12	Nervous System Organization	KW3	
Mo Sep 17	Nervous System Organization	KW3	
We Sep 19	Neurons, Neurotransmitters	KW4 (82-84, 101-108) KW5 (110-117, 125-131)	
Mo Sep 24	Neuroimaging	KW6	
We Sep 26	Neocortex	KW10	
Mo Oct 01	Midterm Exam 1		Midterm 1
We Oct 03	Clinical Neuropsychology	O1, KW11	
Mo Oct 08	Clinical Neuropsychology	O1, KW11	
We Oct 10	Neuropsychological Assessment	KW28, O2	
Mo Oct 15	NP Tests: WAIS-4 and other tests		<i>In Class Demonstrations</i>
We Oct 17	Premorbid functioning & Norms	ZS3	
Mo Oct 22	Premorbid functioning & Norms	Diehr (1998)	
We Oct 24	Interpreting Results	ZS3	
Mo Oct 29	The NP Assessment Report	Lezak 06	
We Oct 31	Midterm Exam #2		Midterm 2
Mo Nov 05	Learning & Memory	KW18	<i>Begin clinical report</i>
We Nov 07	Learning & Memory	KW18	
Mo Nov 12	Veteran's Day Holiday		
We Nov 14	Case: HM – Global Amnesia	O3	
Mo Nov 19	Case: HM – Global Amnesia	O3	Report (Draft) Due
We Nov 21	No class meeting : online assignment due.		Report (Draft) Due
Mo Nov 26	Case : Sophie – Alzheimer's	KW27 (796-802), O17	
We Nov 28	Case : Sophie – Alzheimer's	KW27 (796-802), O17	
Mo Dec 03	Case : RJ – Parkinson's	KW27 (790-795), O15	
We Dec 05	Writing Workshop		<i>Help with report writing</i>
Mo Dec 10	No Final Exam		Report Due
We Dec 12	<i>No class</i>		

Required Texts:

Kolb & Whishaw (2009), **Fundamentals of Human Neuropsychology**, 6ed.
 Ogden (2005), **Fractured Minds**, A Case-Study Approach to Clinical Neuropsychology, 2ed.

Readings:

KW = Kolb & Whishaw (2009)
 O = Ogden (2005)
 S = Sacks (2010) *The Mind's Eye*, Ch. 3, Ch. 4. (E-reserve)
 ZS = Zillmer, Spiers & Culbertson (2008) *Principles of Neuropsychology*, Ch. 3. (E-reserve)

Overview of the Course

Neuropsychology (NP) is an interdisciplinary study that relates brain systems to behavior, with a focus on cognitive processing and syndromes seen in clinical illness and injury. First, we review the human nervous system, from neurons to cortex, covering philosophical and evolutionary theories, and the impact of modern neuroimaging. Next, we survey the major areas of cortical function and the assessment tools used by clinical neuropsychologists, ranging from motor ability to complex NP and IQ test. Finally, we focus on clinical syndromes, using detailed case studies of real patients.

Writing Assignment

To meet the CSUSM writing requirement, students will write a ten-page (2500 word) clinical neuropsychological assessment report. The report will be submitted twice: first as a draft with ample opportunity for instructor feedback, and then as a final paper in lieu of a final exam.

Course Format:

Each session will consist of lecture, videos, and discussions based on the readings.

Student Learning Objectives:

Topics: Neuroscience, neural evolution, neuroimaging, neuropsychological assessment, IQ testing, estimating premorbid functioning, normative statistics, common brain disorders.
Skills: Write a clinical assessment report based on patient history and psychological test data.

Components & Grading

The class will include these major components:

<u>Item</u>	<u>Points</u>
Pop Quizzes (2 @ 10 points each)	20
Midterms (2 @ 100 points each)	200
Clinical Report (Draft : 60 points, Final : 40 points)	100
Total	320

There will be two multiple-choice pop quizzes given with no warning, so be sure to do all reading prior to class. (I won't give the pop quizzes the first week of class). Midterms will be multiple-choice, closed notes. The course is graded on a curve, so you may not need to get 90% for an A. Plus and Minus grades (e.g. A-, B+) are given. You will be given feedback on your points during the semester.

Resources

Class Website: <http://courses.csusm.edu/psyc465md>

Contains class notes, syllabus, and links to resources.

Office Hours: See above. No need to make an appointment, just stop by!

Email: I will be sending out emails to all students from time to time. Checking your csusm email regularly is a requirement of the class. Please use your CSUSM email account to contact me if possible.

Phone: *This is a shared phone line among several professors. If you call during my office hours I'll answer it. If I don't answer, it's best to just send email rather than leaving a voice message.* 760-750-8587

Textbook Website: The website for the textbook is on the class website (above)

Includes learning objectives, practice tests, flash cards and links to other resources.

Policy

Students with Disabilities

In compliance with federal ADA laws: If you have a need for any in-class accommodations, special test-taking arrangements, or help accessing any class materials because of a verified physical, cognitive, or perceptual limitation, please talk to the disabled students office first then contact me during the first two weeks of class.

Academic Honesty

Cheating or plagiarism (presenting the words or ideas of others as your own) or falsification of data will result in failure of the assignment, possible failure of the course, and notification of the offense to the University. Students are expected to abide by the CSUSM Student Academic Honesty Policy; the instructor will abide by the procedures for reporting violations. Details:

http://www.csusm.edu/policies/active/documents/academic_honesty.html Please refer to the APA Style Manual for instructions on how to cite your sources.