

Psychology 4XXX: Cognitive Neuropsychology Fall 2007

Professor: Diego Fernandez-Duque

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Office Hours: Monday 9.30 – 10.20, Friday 12.30-2.00 or by appt.

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Course Web Site: <http://www18.homepage.villanova.edu/diego.fernandezduque/>

Lecture Room: Tolentine 305 **Lab Room:** Tolentine 11

Course Description: This is a three credit course. It provides an examination of main topics in cognitive & affective neuroscience, including vision, memory, language, executive function, and emotion. We will learn both from neuroimaging studies in healthy subjects and from brain lesion studies.

Course Objectives:

- To provide students with knowledge of the fundamental issues in cognitive neuroscience.
- To provide students with an understanding of the methods and procedures used to study the neural bases of cognition

Course Website: The website will include the schedule for the course, power-point presentations of the lectures, study questions, useful links, etc. It will benefit you the most if you visit each topic BEFORE we cover it in class. Complete the study questions each week to prepare yourself for the exams; together they make up your study guide.

Course Prerequisites: Psych 4200 (Physiological Psychology) and Psych 4500 (Cognitive Psychology) are pre-requisites for this course. You must have taken and passed one of these courses AND at minimum be enrolled in the other one.

Required Text: The Student's Guide to Cognitive Neuroscience (Paperback)

by [Jamie Ward](#) (Author) Psychology Press; 1st edition, 2006. ISBN-13: 978-1841695358. You can find the book online for about \$30 (as of November 2007). There is also a hardcover version which may preferable for those of you have money to spare and are thinking of hitting your roommate with something hard. We will read about 85% of the book

Exams. The exams will include multiple choice, short answers and essay questions. Exams will include all required readings, lectures, discussions, videos, and activities. If you miss an exam, you will be allowed to take a make-up exam if you have a documented reason and provided that, in my judgment, your absence was unavoidable. Make-up exams will consist of essay questions only. If you take a make-up exam, please remember that it is departmental policy that you present a picture I.D. when reporting for the exam.

Grades. Grades will be assigned according to Villanova's "Definition of Grades", available at http://www.registrar.villanova.edu/docs/student_grading.html. Grades will not be assigned on the basis of a curve. Instead, letter grades will be assigned on the basis of the following percentages of the possible points that you can accumulate:

A	=	96 - 100%	C	=	73 - 76%
A-	=	90 - 95%	C-	=	70 - 72%
B+	=	87 - 89%	D+	=	67 - 69%
B	=	83 - 86%	D	=	63 - 66%

B- = 80 - 82%
C+ = 77 - 79%

D- = 60 - 62%
F = Below 60%

Your final grade will be computed as follows:

First Exam	25% of your final grade
Second Exam	25%
Lab Exam, homework, and class participation	25%
Final Exam	25%

Incomplete Grades. Receiving a grade of "incomplete" (N) requires my approval and usually is given only in emergency situations. In any event, do not assume that an incomplete grade will be given automatically if you do not complete all the exams and reports by the time the final exam is given. Nor should you assume that leaving a message on my voice mail or email means you have my approval.

E-Mail. If I need to communicate with you (e.g., change in assignment, change in class time, etc), I will do so by e-mail. It is your responsibility to check your Villanova University e-mail account regularly in order to receive any such messages. If you want to use another e-mail address, it is your responsibility to modify your Villanova account so that your e-mail messages are forwarded to the appropriate address. When contacting me via email, you should expect a delay of two working days for receiving a reply.

Academic Integrity. Participants in this class are expected to adhere to the standards, and will be bound by the procedures set forth in the Villanova University Code of Academic Integrity, which can be found at <http://www.villanova.edu/academic/AcademicIntegrity.html>.

Disabilities. If you have a disability that may affect your performance in this course, please make arrangements to register with the Learning Support Office by contacting 610-519-5636 or nancy.mott@villanova.edu as soon as possible. Registration with the learning Support Office is required in order to receive accommodations.

Other resources

Writing Center: Old Falvey, Dalton Room 202 610-519-4604

- It offers one-to-one sessions of tutoring aimed at improving students' writing.

Counseling Center: Room 206, Health Services Building, 610-519-4050

- The counseling center provides *confidential* services designed to enhance students' ability to function optimally, so that they can benefit from their college year