



Psychology 479 (L01)

Human Neuropsychology

Fall 2013

Instructor:	Dr. Andrea B. Protzner	Lecture Location:	SH 278
Phone:	403-220-5566	Lecture Days/Time:	R 17:00 - 19:45
Email:	protzner@ucalgary.ca	Lab Location:	A 248
		Lab 01:	W 12:00 - 13:50
		Lab 02:	F 12:00 - 13:50
Office:	A 153A	TA:	Sabine Seyffarth
Office Hours:	T 12:45 – 13:45 or by appointment	Email:	sseyffar@ucalgary.ca

Course Description and Goals

This course will review major topics in cognitive neuroscience and neuropsychology with an emphasis on human cognitive function and dysfunction. Initial lectures will consist of a general introduction to neuroanatomy, cortical organization and methods used by cognitive neuroscientists. These will be followed by lectures focusing on specific areas of cognitive functioning and related disorders (e.g., attention and neglect; memory and amnesia; language and aphasia). Case reports will be used to illustrate key points and students will be required to examine the relationships between brain, behaviour and cognitive function.

Prerequisites

Psyc 312 – Experimental Design and Quantitative Methods for Psychology, or
Psyc 375 – Brain and Behaviour

Recommended Text

Banich, M.T. & Compton, R.J. (2011). Cognitive Neuroscience, 3rd edition. Belmont, California:
Wadsworth/Cengage Learning. Hard copy available at the University Bookstore (eTextbook also exists).

Evaluation

Course Component:	Weight:
<i>Lecture</i>	
Midterm	25% (R Oct 17)
Brain Structure & Function	
Approaches and Methods	
The Agnosias	
The Apraxias	
Amnesic Syndromes	

Final Exam	35% (TBA)
Aphasic Syndromes Neglect Syndromes Frontal Lobe Syndromes Aging Neuropathology and Neuroplasticity	
<i>Lab</i>	
Presentation	15%
Anatomy Quiz #1	4% (During lab: W Oct 2 or F Oct 4)
Anatomy Quiz #2	8% (During lab: W Oct 30 or F Nov 1)
Anatomy Quiz #3	8% (During lab: W Nov 27 or F Nov 29)
Participation	5%

* Students must achieve a passing grade on both the class and lab components to pass this course.

Midterm and Final Exam

The test and final exam will be based on lecture material (textbook readings are intended for reference, in case you do not understand something from lectures), and will not be cumulative. They will consist of multiple-choice questions, fill-in-the-blanks, and short answer questions. The short answer questions will require students to integrate knowledge analytically (i.e., you will be required to show that you have not only memorized course material, but that you understand it).

Please refer to *Absence From A Test/Exam* section in case of absence from the midterm.

Presentations

A topic will be assigned to each of the weekly laboratories. During the first lab session you will choose a partner from your lab section with whom you would like to present (presentations will be done in groups of two), and choose a topic for your presentation. Your presentation date will depend on the topic that you chose, and will be held during the lab. You will be required to discuss your topic in the context of a case study (or two case studies for the purposes of comparison). The presentation should last half an hour.

If you or your partner are absent on the day of your scheduled presentation, the presentation will be re-scheduled for the last scheduled lab, as long as the appropriate documentation is provided (please see *Absence From A Test/Exam* section for documentation to be submitted in case of absence). Your TA will need to be notified of your absence as early as possible (this should be done PRIOR to the start of Lab).

If one of the presenters was absent from his/her scheduled presentation and the appropriate documentation was not provided, the second presenter will present alone on the same assigned topic during the last scheduled lab (appropriate modifications to the presentation can be discussed with your TA).

Anatomy Quizzes

The anatomy quizzes will be based on lab material and will not be cumulative. They will consist of diagrams and brain images requiring you to label brain regions. They also will require you to explain functions associated with particular brain regions.

Please refer to *Absence From A Test/Exam* section in case of absence from a quiz.

Department of Psychology Grade Distribution Policy

The distribution of grades in Psychology courses (the percentage of A grades, B grades, etc.) will be similar to the distribution of grades in other courses in the Faculty of Arts. The Department monitors the

grade distributions of 200-, 300-, and 400-level courses in the Faculty to ensure that the grade distributions in Psychology courses are comparable. Based on these reviews, students can expect that 1) up to 30% of grades in 200- and 300-level psychology courses will be “A” grades (A+, A, and A-), and 2) up to 40% of grades 400-level psychology courses will be “A” grades.

Department of Psychology Criteria for Letter Grades

Psychology professors use the following criteria when assigning letter grades:

A+ grade: *Exceptional Performance.* An A+ grade indicates near perfect performance on multiple choice and short answer exams. For research papers/essays/course projects/presentations, an A+ grade is awarded for exceptional work deserving of special recognition and is therefore not a common grade.

A, A- Range: *Excellent Performance.* Superior understanding of course material. Written work is very strong in terms of critical and original thinking, content, organization, and the expression of ideas, and demonstrates student’s thorough knowledge of subject matter.

B Range: *Good Performance.* Above average understanding of course material. Written work shows evidence of critical thinking and attention to organization and editing but could be improved in form and/or content.

C Range: *Satisfactory Performance.* Adequate understanding of course material. Knowledge of basic concepts and terminology is demonstrated. Written work is satisfactory and meets essential requirements but could be improved significantly in form and content. Note: All prerequisites for courses offered by the Faculty of Arts must be met with a minimum grade of C-.

D range: *Marginally meets standards.* Minimal understanding of subject matter. Written work is marginally acceptable and meets basic requirements but requires substantial improvements in form and content. Student has not mastered course material at a level sufficient for advancement into more senior courses in the same or related subjects.

F grade: *Course standards not met.* Inadequate understanding of subject matter. Written work does not meet basic requirements. Student has not demonstrated knowledge of course material at a level sufficient for course credit.

Grading Scale

A+	96-100%	B+	80-84%	C+	67-71%	D+	54-58%
A	90-95%	B	76-79%	C	63-66%	D	50-53%
A-	85-89%	B-	72-75%	C-	59-62%	F	0-49%

As stated in the University Calendar, it is at the instructor’s discretion to round off either upward or downward to determine a final grade when the average of term work and final examinations is between two letter grades. To determine final letter grades, final percentage grades will be rounded up or down to the nearest whole percentage (e.g., 89.5% will be rounded up to 90% = A but 89.4% will be rounded down to 89% = A-).

Tentative Lecture Schedule

Date	Topic/Activity/Readings/Due Date (revise and add columns & rows as necessary)
R Sep 12	Introduction to Human Neuropsychology Brain Structure & Function – Cortical Specialization & Behavioural Neuroanatomy - Chapter 1 Lecture begins.
R Sep 19	Approaches and Methods - Chapter 3
F Sep 20	Last day to drop full courses (Multi-term) and Fall Term half courses. No refunds for full courses (Multi-term) or Fall Term half courses after this date.
M Sep 23	Last day to add or swap full courses (Multi-term) and Fall Term half courses. Last day for change of registration from audit to credit or credit to audit.
R Sep 26	The Agnosias -- Disorders of Sensory Functioning - Chapter 7
F Sep 27	Fee payment deadline for Fall Term full and half courses.
R Oct 3	The Apraxias -- Disorders of Motor Control - Chapter 5 Quiz 1, held on W Oct 2 or F Oct 4 during lab time
R Oct 10	Amnesic Syndromes -- Memory Disorders - Chapter 10
M Oct 14	Thanksgiving Day, University closed (except Taylor Family Digital Library, Law, Medical, Gallagher and Business Libraries). No lectures.
R Oct 17	Midterm, held during class time
R Oct 24	Aphasic Syndromes – Language disorders - Chapter 9
R Oct 31	No Lecture (I am away at a conference) Quiz 2, held on W Oct 30 or F Nov 1 during lab time
R Nov 7	Frontal Lobe Syndromes -- Executive Function - Chapter 12
M Nov 11	Remembrance Day (Observed). University Closed (except Taylor Family Digital Library, Law, Medical, Gallagher and Business Libraries). No lectures.
Nov 9-12	Reading Days. No lectures.
R Nov 14	Neglect Syndromes -- Attention-Based Disorders - Chapter 11
R Nov 21	Aging - Chapter 15, p. 459-464; Chapter 16 p. 471-488
R Nov 28	Neuropathology and Neuroplasticity Chapter 15, p.451-459 Quiz 3, held on W Nov 27 or F Nov 29 during lab time
R Dec 5	Review for Exam Fall Term Lectures End.
F Dec 6	Last day to withdraw with permission from Fall Term half courses.
Dec 9-19	Fall Term Exam Period.

Reappraisal of Grades

A student who feels that a piece of graded term work (e.g., term paper, essay, test) has been unfairly graded, may have the work re-graded as follows. The student shall discuss the work with the instructor within 15 days of being notified about the mark or of the item's return to the class; no reappraisal of term work is permitted after the 15 days. If not satisfied, the student shall immediately take the matter to the Head of the department offering the course, who will arrange for a reassessment of the work within the next 15 days. The reappraisal of term work may cause the grade to be raised, lowered, or to remain the same. If the student is not satisfied with the decision and wishes to appeal, the student shall address a letter of appeal to the Dean of the faculty offering the course within 15 days of the unfavourable decision. In the letter, the student must clearly and fully state the decision being appealed, the grounds for appeal, and the remedies being sought, along with any special circumstances that warrant an appeal of the reappraisal. The student should include as much written documentation as possible.

Plagiarism and Other Academic Misconduct

Intellectual honesty is the cornerstone of the development and acquisition of knowledge and requires that the contribution of others be acknowledged. Consequently, plagiarism or cheating on any assignment is regarded as an extremely serious academic offense. Plagiarism involves submitting or presenting work in a course as if it were the student's own work done expressly for that particular course when, in fact, it is not. Students should examine sections of the University Calendar that present a Statement of Intellectual honesty and definitions and penalties associated with Plagiarism/Cheating/Other Academic Misconduct.

Academic Accommodation

It is the student's responsibility to request academic accommodations. If you are a student with a documented disability who may require academic accommodation and have not registered with the Disability Resource Centre, please contact their office at 403-220-8237. Students who have not registered with the Disability Resource Centre are not eligible for formal academic accommodation. You are also required to discuss your needs with your instructor no later than 14 days after the start of this course.

Absence From A Test/Exam

Makeup tests/exams are NOT an option without an official University medical excuse (see the University Calendar). A completed Physician/Counselor Statement will be required to confirm absence from a test/exam for health reasons; the student will be required to pay any cost associated with this Statement. Students who miss a test/exam have 48 hours to contact the instructor and to schedule a makeup test/exam. Students who do not schedule a makeup test/exam with the instructor within this 48-hour period forfeit the right to a makeup test/exam. At the instructor's discretion, a makeup test/exam may differ significantly (in form and/or content) from a regularly scheduled test/exam. Except in extenuating circumstances (documented by an official University medical excuse), a makeup test/exam must be written within 2 weeks of the missed test/exam.

Travel During Exams

Consistent with University regulations, students are expected to be available to write scheduled exams at any time during the official December and April examination periods. Requests to write a make-up exam because of conflicting travel plans (e.g., flight bookings) will NOT be considered except under

exceptional circumstances. Students are advised to wait until the final examination schedule is posted before making any travel arrangements.

Freedom of Information and Protection of Privacy (FOIP) Act

The FOIP legislation disallows the practice of having student's retrieve tests and assignments from a public place. Therefore, tests and assignments may be returned to students during class/lab, or during office hours, or via the Department Office (Admin 275), or will be made available only for viewing during exam review sessions scheduled by the Department. Tests and assignments will be shredded after one year. Instructors should take care to not link students' names with their grades, UCIDs, or other FOIP-sensitive information.

Course Credits for Research Participation (Max 2% of final grade)

Students in most psychology courses are eligible to participate in Departmentally approved research and earn credits toward their final grades. **A maximum of two credits (2%) per course, including this course, may be applied to the student's final grade. Students earn 0.5% (0.5 credits) for each full 30 minutes of participation.** The demand for timeslots may exceed the supply in a given term. Thus, students are not guaranteed that there will be enough studies available to them to meet their credit requirements. Students should seek studies early in the term and should frequently check for open timeslots. Students can create an account and participate in Departmentally approved research studies at <http://ucalgary.sona-systems.com>. The last day to participate in studies and to assign or reassign earned credits to courses is **Dec 6, 2013**

Evacuation Assembly Point

In case of an emergency evacuation during class, students must gather at the designated assembly point nearest to the classroom. The list of assembly points is found at <http://www.ucalgary.ca/emergencyplan/assemblypoints>
Please check this website and note the nearest assembly point for this course.

Student Organizations

Psychology students may wish to join the Psychology Undergraduate Students' Association (PSYCHS). They are located in Administration 170 and may be contacted at 403-220-5567.

Student Union VP Academic: Phone: 403-220-3911 suvpaca@ucalgary.ca
Student Union Faculty Rep.: Phone: 403-220-3913 socialscirep@su.ucalgary.ca

Student Ombudsman's Office

The Office of the Student Ombudsmen provides independent, impartial and confidential support for students who require assistance and advice in addressing issues and concerns related to their academic careers. The office can be reached at 403-220-6420 or ombuds@ucalgary.ca (<http://www.su.ucalgary.ca/services/student-services/student-rights.html>).

Safewalk

The safewalk program provides volunteers to walk students safely to their destination anywhere on campus. This service is free and available 24 hrs/day, 365 days a year.
Call 403-220-5333.

Important Dates

The last day to drop this course with no “W” notation and **still receive a tuition fee refund** is **September 20, 2013**. Last day for registration/change of registration is **September 23, 2013**. The last day to withdraw from this course is **December 6, 2013**.