

PSYC/NEUR 479
Human Neuropsychology
Winter 2018

Instructor:	Dr. Richelle Mychasiuk	Lecture Location:	SS 012
Phone:	403- 220-3469	Lecture Days/Time:	T/R 9:30 – 10:45am
Email:	rmychas@ucalgary.ca	Lab :	As scheduled
Office:	AD 030		
Office Hours:	By Appointment		

Course Description

This course is primarily concerned with the organization of the human brain and manner in which the brain normally produces behaviour, thoughts, feelings, perceptions, etc. The course will integrate the literature on human brain function with the evidence from animal research. Topics include developmental neuropsychology; cognitive deficits associated with frontal, parietal, occipital, and temporal lobes; origins and mechanisms in the determination of cerebral dominancy; disorders of learning and memory; long-term effects of cerebral lesions.

Course Learning Outcomes

The Department of Psychology is committed to student knowledge and skill development. The table below lists the key learning outcomes for this course, the program-learning outcomes they facilitate (see psyc.ucalgary.ca/undergraduate/program-learning-outcomes), and the expected level of achievement.

Course Learning Outcomes	Assessment Methods	PLO(s)	Level(s)
Understand empirically based approaches to psychological and neuropsychological assessment	Multiple choice, short answer and long answer exams, lab assignments and weekly quizzes.	1,	C
Apply knowledge about human neuropsychological functioning to infer conclusions about behaviour		1, 7	C
Understand and explain the neural substrates associated with specific areas of cognitive functioning and their related disorders		1, 7	C
Explain how various cognitive disorders result from changes or damage to the human brain.	Lab assignments with written, spatial, and graphic components	2, 3, 4, 5	A
Formulate original questions by drawing connections among elements within the course		1, 2, 7	A

Notes. PLOs = Program-Learning Outcomes: 1 = demonstrate knowledge of psychological sciences, 2 = think critically and solve problems, 3 = conduct research and analyze data, 4 = communicate effectively, 5 = demonstrate information literacy, 6 = understand and implement ethical principles, 7 = apply psychological knowledge and skills. Level of PLO achievement facilitated by this course: I = introductory, C = competency, A = advanced.

Prerequisites

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

Required Text (Can be purchased at the University of Calgary Bookstore)

Fundamentals of Human Neuropsychology 7th Edition – Kolb & Whishaw

Assessment Methods

There will be 3 Exams (3 Midterms), 10 Quizzes (Weekly within the Lab) and 4 Lab Assignments. The Exams/Quizzes may include a mixture of multiple choice, short answer, and short essay; they will be based on lecture material, textbook, and laboratory-derived materials. Students are not permitted to have any materials with them for the EXAMS (e.g. Phones, Ipods, tablets, computers, books, notes, etc).

1. Three EXAMS – Each will be worth 20% of the Final grade (60% total)
 - a. Tuesday February 13, 2018 = Midterm #1
 - b. Thursday March 22, 2018 = Midterm #2
 - c. Scheduled by the Registrar = Midterm #3
2. Ten QUIZZES – Will take your best 9 quizzes and drop the lowest score (20% total)
 - a. Each Quiz worth 2.22%. There will be NO make-up quizzes.
 - b. Quizzes will occur during weekly Lab Session
 - c. Quizzes are open book – you may bring your notes
 - d. Will not have a quiz the week of midterms
 - e. Quiz Weeks – Jan 16, 23, 30, Feb 6, 27, Mar 6, 13, 27, Apr 3, 10
3. Four Lab Assignments – Each assignment worth 5% (20% total)
 - a. Will have an Anatomical and Written component
 - b. Will be due at the end of your lab session – Must be handed in at lab
 - c. Assignment Weeks – Jan 23, Feb 6, Mar 6, Apr 3
 - d. Late Lab Assignments will incur a penalty of 10% per day, including weekends

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

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. In this course there will be no rounding up of final grades, especially in light of the opportunities students have to increase their final grade via research participation.

Tentative Lecture Schedule

Date	Topic	Readings
Jan 9, 11	Cerebral Organization	Chapters 8, 9, 10
Jan 16, 18	Cerebral Asymmetry	Chapters 11, 12
Jan 23, 25	Occipital Lobe	Chapter 13
Jan 30, Feb 1	Parietal Lobe	Chapter 14
Feb 6, 8	Temporal Lobe	Chapter 15
<i>February 13, 2017</i>	<i>Midterm #1</i>	<i>Chpts 8-15</i>
Feb 15, 27	Frontal Lobe	Chapter 16
March 1, 6	Disconnection	Chapter 17
March 8, 13	Memory	Chapter 18
March 15, 20	Language	Chapter 19
<i>March 22, 2017</i>	<i>Midterm #2</i>	<i>Chpts 16-19</i>
March 27, 29	Social Emotional Functioning / Space	Chapters 20, 21
April 3, 5	Attention	Chapters 22
April 10, 12	Recovery, Plasticity & Rehab	Chapters 23, 25
<i>Scheduled by the Registrar</i>	<i>Midterm #3</i>	<i>Chpts 20-23, 25</i>

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 Accommodations

The student accommodation policy can be found at: ucalgary.ca/access/accommodations/policy. Students needing an Accommodation because of a Disability or medical condition should communicate this need to Student Accessibility Services in accordance with the Procedure for Accommodations for Students with Disabilities ucalgary.ca/policies/files/policies/student-accommodation-policy. Students needing an Accommodation based on a Protected Ground other than Disability, should communicate this need, preferably in writing, to the instructor.

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 up to 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 during exam make-up hours

provided by the department <http://psychology.ucalgary.ca/undergraduate/exam-and-course-information#mues>. If a student cannot write their final exam on the date assigned by the Registrar's Office, they need to apply for a deferred exam http://www.ucalgary.ca/registrar/exams/deferred_final. Under no circumstances will this be accommodated by the department.

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 by the department. Students are advised to wait until the final examination schedule is posted before making any travel arrangements. If a student cannot write their final exam on the date assigned by the Registrar's Office, they need to apply for a deferred exam http://www.ucalgary.ca/registrar/exams/deferred_final. Under no circumstances will this be accommodated by the department.

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 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.

Acknowledgments and Respect for Diversity

Our classrooms view diversity of identity as a strength and resource. Your experiences and different perspectives are encouraged and add to a rich learning environment that fosters critical thought through respectful discussion and inclusion. The Department of Psychology would also like to acknowledge the traditional territories of the people of the Treaty 7 region in southern Alberta. The City of Calgary is also home to Métis Nation of Alberta, Region III.

Campus Mental Health Strategy

The University of Calgary recognizes the pivotal role that student mental health plays in physical health, social connectedness and academic success, and aspires to create a caring and supportive campus community where individuals can freely talk about mental health and receive supports when needed. We encourage you to explore the excellent mental health resources available throughout the university community, such as counselling, self-help resources, peer support or skills-building available through the SU Wellness Centre (Room 370, MacEwan Student Centre, <https://www.ucalgary.ca/wellnesscentre/services/mental-health-services>) and the Campus Mental Health Strategy website (<http://www.ucalgary.ca/mentalhealth/>).

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 **April 13, 2018**.

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 130 and may be contacted at 403-220-5567.

Student Union VP Academic: Phone: 403-220-3911 suypaca@ucalgary.ca
Student Union Faculty Rep.: arts1@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.ucalgary.ca/provost/students/ombuds>)

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 **January 19, 2018**. Last day for registration/change of registration is **January 22, 2018**. The last day to withdraw from this course is **April 13, 2018**.