
Psychology 475**Behavioural Pharmacology****Fall 2014**

Instructor:	Dr. Richard Dyck	Lecture Location:	SH 268
Phone:	403-220-4206	Lecture Days/Time:	T,R/11:00-12:15
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Office Hours:	By appt.		

Course Description and Goals

The aim of this course is to provide an insight into the mechanisms whereby drugs exert their action on the central nervous system to influence biochemical, physiological and behavioural processes.

Prerequisites

Psyc 205 – Principles of Psychology; Psyc 375 – Behavioural Neuroscience

Required Text

Psychopharmacology: Drugs, the Brain, and Behavior, 2nd Edition, Jerrold S. Meyer and Linda F. Quenzer (2013) Sinauer. Available at the University Bookstore and online vendors.

Evaluation

The final course grade will be based on:

- 1) Midterm Examination: 30%
 - a. During class period of October 23, 2014.
 - b. Short/long answer/essay, multiple choice questions
 - c. Based on text (Chap 1-8) & corresponding lecture material
- 2) Final examination: 35%
 - a. 2 hrs. To be scheduled by registrar.
 - b. Short/long answer/essay, multiple choice questions
 - c. Comprehensive examination, based on text & lecture material with an emphasis on material covered since the midterm.
- 3) In term, research/writing assignments: 15%
 - a. Sept 19 – due Sept 26 (5%)
 - b. Oct 10 – due Oct 17 (5%)
 - c. Nov 7 – due Nov 14 (5%)
 - i. Each assignment will require a maximum of 2 double-spaced pages. You will have one week to complete each assignment. Assignments to be submitted as electronic documents (.doc, .docx or pdf) to D2L).
 - ii. Reduction of grade by 20% for each 24h interval that the assignment is late.

- 4) Term Paper: 20%
- a. On a topic related to course material.
 - b. Maximum of 20 double-spaced pages, not including references.
 - c. 12 point Times font (about 15 characters/inch).
 - d. Topic must be approved by instructor no later than 4pm on October 28, 2014.
 - e. Paper will be graded on three criteria: **presentation (20%)**, including grammar, organization, clarity of writing, and other skills pertaining to written English, **content (80%)**, including research done, the accuracy of information presented, etc.
 - f. Paper to be submitted to instructor by 4:00 pm on Friday, December 5, 2014
 - i. Paper to be emailed or submitted electronically through D2L
 - ii. Reduction of one letter grade (eg. A+ ->B+) for each 24h interval that paper is late.

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. In this course, 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-).

Proposed Lecture Schedule

Date	Topic/Activity/Readings/Due Date
T Sep 9 – R Sep 25	Chapters 1-5
F Sep 19	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 22	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.
F Sep 26	Fee payment deadline for Fall Term full and half courses.
F Sept 26	Assignment 1 due
T Sep 30 – R Oct 9	Chapters 6-9
T Oct 14	
R Oct 23	Midterm (Chapters 1-8, inclusive)
R Oct 16 – R Nov 6	Chapters 10-15
T Nov 11	Remembrance Day (Observed). University Closed (except Taylor Family Digital Library, Law, Medical, Gallagher and Business Libraries). No lectures.
F Oct 17	Assignment 2 due
Nov 8-11	Reading Days. No lectures.
F Nov 14	Assignment 3 due
R Nov 13 – R Dec 4	Chapters 18-20
R Dec 4	Fall Term Lectures End.
F Dec 5	Last day to withdraw with permission from Fall Term half courses.
Dec 8-18	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 255), 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 [choose the appropriate section:]

[For 203/200 Fall:]

Experiential-Learning/Article-Evaluation Course Component (4% of final grade)

This experiential-learning/article-evaluation component provides enriched learning opportunities in this introductory course. You can complete this component by participating in research studies (Option 1: Research Participation), by completing 1-page article evaluations from a designated list (Option 2: Article Evaluations), or by a combination of the two options. Thus, you will learn more about psychology by taking part in research studies and/or by reading and evaluating articles from a psychological perspective.

Option 1: Research Participation. Students can complete this course component by creating an account and participating in Departmentally approved research studies at <http://ucalgary.sona-systems.com>. Students earn 0.5% (0.5 credits) for each full 30 minutes of participation. Each study will be followed by an educational debriefing experience. 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. **The last day to participate in research and allocate credits is Dec 5, 2014.**

Option 2: Article Evaluations. Students can complete this course component by reading and evaluating articles. Students earn 1% (1 credit) for each acceptable evaluation. Students can submit only one evaluation per due date **(September 19, October 10, November 7, November 21, 2014)**. Please consult the Blackboard for this course for more information about this option.

Option 3: Combinations of Options 1 and 2. Students can complete this course component through any combination of Options 1 and 2 (e.g., 3% through Option 1 and 1% through Option 2, or vice versa). Given that each article evaluation counts for 1%, students who complete, for example, 2.5% through Option 1 would need to complete two evaluations to successfully complete all 4% of this course component. As mentioned under Option 2, students can only submit one article evaluation per due date. Thus, students who opt to combine Options 1 and 2 must plan ahead carefully.

[For 3-5XX Fall HALF-courses:]

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 5, 2014**

[For 3-5XX Winter – FULL courses:]

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 an individual's final grade. **To get 2% added to the final grade in a full-year course, like this one, you have to acquire a total of 4 bonus credits towards the course.** These credits may be acquired in the Fall and/or the Winter Session. 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 **December 5, 2014**.

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 (Not needed for RDC, they have their own)

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 **Friday, September 19, 2014**. Last day for registration/change of registration is **Monday, September 22, 2014**.

The last day to withdraw from this course is **December 5, 2014**.

Important Dates (Full Courses)

The last day to drop this course with no "W" notation and **still receive a tuition fee refund** is **Friday, September 19, 2014**. Last day for registration/change of registration is **Monday, September 22, 2014**.

The last day to withdraw from this course is **April 15, 2015**.