

Psy2320: Cognition and Perception - Thinking and Seeing

Prof. Javid Sadr

Fall 2011, University of Lethbridge

Lectures: Tue/Thr 1:40-2:55pm, Rm. PE275

Course Goals and Requirements

Our goal in this course is for students to actively learn and master concepts, issues, and research findings in Cognition and Perception (and, to some extent, Psychology, science, and critical thinking in general), and we pursue this primarily through the course readings and lectures. This course builds on and extends material acquired at an introductory level in Psy1000. A number of examinations and frequent quizzes will evaluate students' progress and their comprehension and mastery of the course readings and lecture material. Students will also have the opportunity to participate in Psychology research being conducted at the UofL.

Pre-requisite Courses

Psy1000 (Basic Concepts of Psychology) must be successfully completed before taking Psy2320 and provides important background for succeeding in this course. (Alternatively, students may take Psy2320 if they have successfully completed one or more Neuroscience classes.) This pre-requisite will not be waived. The registrar's office has been asked to produce a report of all enrolled students and to de-register any who lack the pre-requisite course(s) prior to the add/drop deadline.

Course Readings

The required text for this course is a customized reader, available from the university bookstore, that brings together a collection of key articles from the fields of Cognition and Perception, including papers of particular historical importance. These readings range from relatively accessible articles in popular science publications to specialized research articles published in science journals for the professional scientific audience. Supplementary materials will be provided as hand-outs at lecture and/or electronically via the course website. VERY important: students are required to read and study/prepare assigned readings **before** attending lectures related to that material (e.g., study the first reading, Vokey & Read (1985), before lecture on Sep. 13).

Course Exams, Evaluations, and Grading

Students' final grades will reflect their performance on a number of exams and in-class quizzes and activities as well as their lecture attendance, punctuality, conduct, and ongoing preparation. More details about these components are provided below, and they will also be discussed in greater detail in lectures as we proceed (e.g., specific information for each exam). These items contribute to the final grade as follows:

- 30% exam 1
- 32% exam 2
- 38% exam 3 [final exam period]

Final letter grade assignment across grade boundaries (e.g., B+ vs A- at ~80%) is based on end-of-term evaluation of students' quizzes, in-class activities, assignments, attendance, punctuality, preparation, and conduct.

The standard UofL guidelines will be used to convert total percentage scores into final letter grades:

| | | | |
|---------------|--------------|--------------|--------------|
| 90% - 100% A+ | 77% - 80% B+ | 67% - 70% C+ | 55% - 60% D+ |
| 85% - 90% A | 73% - 77% B | 63% - 67% C | 50% - 55% D |
| 80% - 85% A- | 70% - 73% B- | 60% - 63% C- | 0% - 50% F |

"Is this going to be on the exam?"

"Yes."

The quizzes and exams will cover assigned readings as well as material from the lectures. There will be substantial overlap of lecture material and assigned readings; however, exams and quizzes will include assigned reading material that is not specifically discussed in lecture, and lecture material (including in-class activities, hand-outs, videos, etc.) that might not appear in the readings. As such, it's important to take very good notes in lecture to study along with the readings. Then, as to whether exams are "cumulative":

- The first exam covers all lecture and assigned readings up to the time of the first exam.
- The second exam covers all the material that comes after the first exam and before the second exam.

However, many of these topics, concepts, and terms build on material from the first third of the course. So, although the second exam is not explicitly "cumulative," understanding the material in the first third of the course is very important for doing well in the second exam and, just as importantly, throughout the course.

- The third exam will be more comprehensive than the first two. The main focus of this exam (and the majority of its questions) will be on the material that follows after the second exam; in addition, however, there will be questions on the first two thirds of the course. As such, the third exam will be "cumulative," although the selection of questions will be strongly aimed at material from the last third of the course.

"Make-Up" Exams, Quizzes, etc.

There will be no "make-up" exams, quizzes, or other graded work. There is no system to exclude low scores or missed work, exams, or quizzes from the total final grade. Also, there are no sources of "extra credit" [other than research participation; see below]. No special arrangements can be made for alternate exams or exam times, and students are advised to not make travel plans or other commitments beyond the official dates for UofL holidays or beginning prior to the end of the final exam period.

Students who miss a lecture must immediately obtain the missed lecture notes from one or preferably more classmates, along with the details of all the readings/assignments due for the next lecture.

[Serious emergency medical situations -- which must always be specifically supported by documentation obtained the same day, signed and dated by a medical Doctor -- will be reviewed on a case-by-case basis.]

Exams and the Testing Centre

Exams will be written outside of class at the UofL Testing Centre (Rm. B770) using the Moodle system. Please familiarize yourself with the Testing Centre and its policies, procedures, location, etc., far in advance of each exam, starting at: http://fusion.uleth.ca/crdc/testcenter/testcenter_student_info.htm For the first two exams, we will cancel one lecture within a range of dates that will be set to write each exam (see below).

The timing of the third exam, during final exam period, will follow the registrar's schedule; space permitting, the third exam will be written on paper at this specific date and time (see below), not at the testing centre.

Attendance, Daily Preparation, Punctuality, Note-Taking, etc.

Students are expected to attend all lectures. Attendance, punctuality, proper note-taking, and appropriate, well-prepared participation in class are important components of each student's evaluation and crucial for digesting, relating to, and mastering the course material. Classes will provide a forum for demonstrations, activities, elaboration, ancillary material, and evaluations, as well as a context for students to further clarify, explore, and apply the material read, studied, and prepared outside of class. It is in the students' best interest to attend lectures regularly also because lectures will include examinable material not present in the readings, and because there will be a number of in-class quizzes and other activities throughout the semester.

Students are expected to arrive on time for each class (ideally, a few minutes early) to be ready to start on

schedule without disturbing other students or the Professor. Also, many in-class quizzes and activities will occur at the beginning of class (and not repeated or extended later into the lecture), so punctuality is crucial.

As emphasized above, students are required to prepare for lectures by carefully studying assigned readings before each lecture. It is an extremely bad idea to attempt to read the assigned material during lecture. At lecture, students are advised and expected to actively take notes on the material presented; well-prepared students will find this much easier, e.g., avoiding unnecessary duplication of material or figures from the readings, focusing instead on new material presented in lecture, etc.

Outlines or duplicates of lecture material (i.e., notes, diagrams, etc.) will not be created or distributed.

BestBuy in the Classroom

During lectures, all cell-phones, smartphones, PDAs and text-messaging devices (e.g., Blackberry, iPhone, etc.), gaming devices (electronic or otherwise), and all other portable entertainment or communication devices (e.g., radios, music/video players, etc.) must be turned off and put away. The same is required during exams.

Students are not permitted to use a computer in class without the Professor's prior permission [very rare]. Students are very strongly advised to take lecture notes with pen and paper, and spare paper is required for completing and submitting quizzes and activities. Very rarely, by prior arrangement, special exceptions to this guideline might be considered on an explicit and individual basis (e.g., certain students requiring assistive technology, or rare individuals who formally demonstrate -- and continue to demonstrate -- to the Professor exclusive note-taking activity, as well as exceptional maturity and conscientiousness, with their computer use; wireless/internet use is prohibited and must be disabled by anyone pre-approved for electronic note-taking).

Experimental Research Participation

This course is designed to provide students with an opportunity to participate in active research programs of faculty members. This participation allows students to get direct experience in how many of the experiments and studies discussed in the course are actually done, and provides an opportunity to see what goes on in the labs and meet senior undergraduate and graduate students conducting their own laboratory research projects.

Calls for volunteers to assist in these projects will be made during the semester via e-mail. If you are asked to volunteer, and you accept, each project usually requires one hour or less of your time, but this depends on the individual research project. In recognition for your time, and in recognition that you are learning something about the discipline of Psychology beyond what you would in the normal classroom environment, for each study in which you participate a bonus mark of 1% will be added to your total grade, up to a maximum of 5%. Note that there is no guarantee that all students will be able to achieve the maximum extra credit. As these are extra credits, students who choose not to participate are not disadvantaged. The available studies will be listed on the system at <http://psychleth.sona-systems.com>. Your username will be the same one you use to access Moodle, and your password will be "psyc2320a" (you may change this once you login). The system should be available starting around Sep. 20 and the deadline for participating in studies is Dec. 9.

Academic Honesty, Cheating, and Code of Conduct

All students are required to learn and follow university policies on academic honesty and student conduct; these are outlined in the University Calendar for Undergraduate Programs, particularly in Part 4.

These policies include specific notes on cheating, plagiarism, proper citation, shared/combined work, repeat submissions, etc. They relate not only to exams, quizzes, and assignments but to one's daily life at the UofL.

It is a mistake to consider some transgressions to be minor or inconsequential, e.g., looking at a neighbor's answers for "inspiration" during a quiz or questionnaire. If, for example, suspiciously similar answers are seen on two or more quizzes or exams, all students involved will typically suffer serious sanctions; note that

it is usually impossible to establish who copied from whom and/or, just as importantly, lack of consent, so it is as important to protect your work as it is to not exploit the work of others. It most certainly has occurred that students have earned marks of zero for tainted work and academic dishonesty (e.g., duplicate answers on quizzes or exams) and thus received failing course grades and additional sanctions and disciplinary action.

Students with Documented Disabilities should consult the Disabilities Resource Centre as soon as possible re: guidelines for arranging accommodations: <http://www.uleth.ca/ross/disabilities/index.html>

Announcements, Course Material, and Communication Online or via Email

Lectures will be the primary source for course announcements, assignments, exam information, hand-outs, etc.; however, some online/emailed announcements and materials (e.g., visual demonstrations) will also be necessary. From the start of the semester, it is the students' responsibility to regularly and frequently check their university email account and the Moodle system at <https://moodle.uleth.ca> for supplementary course announcements, materials, assignments, etc. For help with the Moodle system, please contact the Curriculum Re-Development Centre (CRDC; <http://www.uleth.ca/crdc>); for general computer questions or problems, email help@uleth.ca or visit <http://www.uleth.ca/it>

Email sent to the Professor will be read during business hours typically within approx. two business days and responded to either via email or, often, in person at the classroom. All course-related email must be titled "**psy2320** - " followed by a clear, descriptive subject heading, otherwise it may be classified as junk mail.

Some Important Dates and Deadlines

| | | |
|-----|--------|---|
| Tue | Sep 13 | Add/Drop deadline |
| Tue | Oct 11 | No Lecture, coinciding with Exam 1 |
| Tue | Nov 15 | No Lecture, coinciding with Exam 2 |
| Fri | Dec 16 | Exam 3 (2pm - 5pm) |

Additional Comments: It is often helpful to become acquainted with a few other classmates in order to, e.g., fill in gaps left by a missed lecture or messy notes (recall that it is not the Professor's responsibility to repeat missed lecture material for absent students); at the same time, be extremely mindful of your privacy and security before sharing any personal/contact information. Over time, however, most students find that studying in groups is usually not productive; for most people, active reading, note-taking, and serious study is best pursued alone. That said, it is sometimes helpful to supplement one's studying with group quizzing/discussion/review sessions, which may benefit from multiple viewpoints and questioning styles/interests.

Over the course of the first few lectures, we may also discuss some other strategies for approaching the study of the reading material in particular, as well as the course content in general.

As we proceed, some syllabus items will be described in greater detail (e.g., exams), updated (e.g., exam schedule, testing centre dates), or corrected. For complete, up-to-date details on course events, requirements, etc., this syllabus cannot substitute for regular lecture attendance (and attention to supplementary information via email/Moodle).