Prerequisites
The required prerequisites for this course are PSYC H 104 or SCI 100; no exceptions or waivers. See UAlberta Calendar section University Regulations: Registration: Prerequisite Course Requirements.

Course Description & Learning Objectives
What goes on in our minds when we are thinking, remembering, and solving problems? In this course, you will explore theoretical and experimental topics in cognitive psychology, the study of human information processing. These topics include a brief history of the field, cognitive neuroscience, attention, perception, memory, knowledge representation, concept learning, reasoning, problem solving, and intelligence. You will analyze issues such as basic research design, the use of models and paradigms, the role of theory and empirical evidence, and interdisciplinary influences. Finally, you will be able to apply your understanding of cognitive psychology to areas like eyewitness testimony, artificial intelligence, complex sociotechnical systems, and more. Specific learning outcomes will be given in lectures for each topic.

Assessment
Online Labs (worth 10%): The online lab assignments are a hands-on experience that relates research findings to theoretical concepts, which will develop your scientific research, data visualization, digital literacy, and written communication skills. You are required to do the online lab experiments, and submit your results and answers to questions about the lab via eClass. More information (including due dates) is in the Online Labs document.

Midterm Exams (worth 25% each): The midterms will assess material covered in the assigned readings and lectures. Although there is much overlap between the textbook and lectures, it is not a complete overlap; some content is only covered in one or the other. You are responsible for all material. The midterms will consist of multiple-choice questions. If you miss a midterm for an acceptable reason such as incapacitating illness, severe domestic affliction, or religious conviction (see The Fine Print below) then the weight of the excused exam will be added to your final exam (signed statutory declaration form required). Documentation must be provided within two working days of the missed exam. No makeup exams or assignments are accepted. See UAlberta Calendar sections Academic Regulations: Attendance and Examinations (Exams).

Cumulative Final Exam (worth 35%): See the Office of the Registrar’s exam schedule for official date and time. The 2-hour final exam will be cumulative; it will have multiple-choice questions based on the entire course, with an emphasis on the material covered after the second midterm. If you miss this exam, you must apply to your Faculty Office for a deferral of the final exam within two working days of the final exam date. See UAlberta Calendar sections Academic Regulations: Attendance and Final Examinations.
As per the exam schedule, the final exam is scheduled for Thursday, June 15, 2023 at 3:00 p.m. in CAB 243.

You must verify this date on Bear Tracks when the final exam schedule is posted.
(Deferred final exam will be held Friday, June 23, 2023 at 10:00 a.m. in BS P-231.)
The Fine Print

Academic Integrity

The University of Alberta is committed to the highest standards of academic integrity and honesty. Students are expected to be familiar with these standards regarding academic honesty and to uphold the policies of the University in this respect. Students are particularly urged to familiarize themselves with the provisions of the Code of Student Behaviour and avoid any behaviour which could potentially result in suspicions of cheating, plagiarism, misrepresentation of facts and/or participation in an offence. Academic dishonesty is a serious offence and can result in suspension or expulsion from the University.

All forms of dishonesty are unacceptable at the University. Any offence will be reported to the Associate Dean of Science who will determine the disciplinary action to be taken. Cheating, plagiarism and misrepresentation of facts are serious offences. Anyone who engages in these practices will receive at minimum a grade of zero for the exam or paper in question and no opportunity will be given to replace the grade or redistribute the weights. As well, in the Faculty of Science the sanction for cheating on any examination will include a disciplinary failing grade (no exceptions) and senior students should expect a period of suspension or expulsion from the University of Alberta.

Privacy Policy

If you choose to use MindTap, be aware that: a) you are subject to Cengage Group’s privacy policies, and that b) your information may be held outside of Canada, and may be subject to another country’s laws.

Missed Term Work or Final Exam Due to Non-Medical Protected Grounds

When a term assessment or final exam presents a conflict based on non-medical protected grounds (e.g., religious beliefs), you must apply to the Academic Success Centre for accommodations at Register for Accommodations. You can review your eligibility and choose the application process specific for Accommodations Based on Non-medical Protected Grounds.

It is imperative that you review the dates of all course assessments upon receipt of the course syllabus, and apply as soon as possible to ensure the timely application of the accommodation. If you apply later in the term, you may experience unavoidable delays in the processing of the application, which can impact the accommodation.

Term Work Policy

With the exception of term work for which students did not receive feedback before the posting of final grades, students must initiate a request for reevaluation of term work with the instructor prior to the day of the final exam or in the case of courses without final exams, before the posting of final grades.

Representative evaluative course material (e.g., practice multiple choice) are available via MindTap and on eClass.

Accessibility-Related Accommodations

In accordance with the University of Alberta’s Discrimination, Harassment, and Duty to Accommodate Policy, accommodation support is available to eligible students who encounter limitations or restrictions to their ability to perform the daily activities necessary to pursue studies at a post-secondary level due to medical conditions and/or non-medical protected grounds. Accommodations are coordinated through the Academic Success Centre, and students can learn more about eligibility at Register for Accommodations.

It is recommended that students apply as early as possible in order to ensure sufficient time to complete accommodation registration and coordination. Students are advised to review and adhere to published deadlines for accommodation approval and for specific accommodation requests (e.g., exam registration submission deadlines). Students who request accommodations less than a month in advance of the academic term for which they require accommodations may experience unavoidable delays or consequences in their academic programs, and may need to consider alternative academic schedules.

Office of Universal Design and Accessibility Facilitation

In cases of temporary conditions that hamper your ability to complete an assignment or write an exam (e.g., broken arm), the Office of Universal Design and Accessibility Facilitation can help determine what temporary accommodations are required. To request assistance in such cases, please email the Dean of Students Office at doshelp@ualberta.ca.

Recording Permissions Policy

Audio or video recording, digital or otherwise, of lectures, labs, seminars or any other teaching environment by students is allowed only with the prior written consent of the instructor or as a part of an approved accommodation plan. Student or instructor content, digital or otherwise, created and/or used within the context of the course (e.g., lecture notes) is to be used solely for personal study, and is not to be used or distributed for any other purpose without prior written consent from the content author(s).

Reexamination

Reexamination is not permitted in a course in which a passing grade was achieved. A student who writes the final examination and fails the course may apply for a reexamination. Reexaminations are rarely granted. Reexaminations are governed by Calendar sections Academic Regulations: Examinations (Exams); Reexaminations, and by individual Faculty regulations. Misrepresentation of Facts to gain a reexamination is a serious breach of the Code of Student Behaviour.

Other Policies

The Office of Safe Disclosure and Human Rights (OSDHR) provides confidential disclosure services as well as advising and consulting on any issue relating to Human Rights, Discrimination, Harassment, and Accommodation issues. There are several ways to contact them, including anonymous options.

Any typographical errors in this Course Outline are subject to change and will be announced in class. The date of the final examination is set by the Registrar and takes precedence over the final examination date reported in this syllabus.

Policy about course outlines can be found in Course Requirements, Evaluation Procedures and Grading of the University Calendar.