Prerequisites
The required prerequisites for this course are PSYC H104 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 due to incapacitating illness or severe domestic affliction, then the weight of the excused exam may be added to the final exam (you must complete and digitally sign this statutory declaration form). 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 13, 2024 at 11:30 a.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 Monday, June 17, 2024 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](https://example.com) 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](https://example.com) (and the [Student Conduct Policy](https://example.com)) 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 College of Natural and Applied Sciences; they 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.

Unauthorized content generation is the production of academic work, in whole or part, for academic credit, progression, or award, whether or not a payment or other favour is involved, using unapproved or undeclared human or technological assistance. In other words, using AI (e.g., large-language models like ChatGPT) is a form of academic dishonesty and a violation of academic integrity.

**Support Services & Accommodations**

Students who need additional help in developing strategies for better time management, study skills, or examination skills should contact the [Academic Success Centre](https://example.com).

In accordance with the University of Alberta’s [Discrimination, Harassment, and Duty to Accommodate Policy](https://example.com), 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. Students have both rights and responsibilities with regard to accommodations. Adherence to procedures and due dates is required for the University to provide accommodations. Contact [Accessibility + Accommodations Services](https://example.com) for further information.

When an assessment presents a conflict based on non-medical protected grounds, students must register for accommodations with the Academic Success Centre.

A student who cannot write the final examination due to incapacitating illness, severe domestic affliction or other compelling reasons can apply for a deferred final examination. An application must be made to the student’s Faculty office within two working days of the missed examination and must be supported by appropriate documentation or a Statutory Declaration (see UAlberta Calendar section Academic Regulations: [Absence from Final Exams](https://example.com)).

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

Deferral of exams or term work is a privilege and not a right; there is no guarantee that a deferral will be granted. Misrepresentation of facts to gain a deferral is a serious breach of the Code of Student Behaviour.

**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.

Representative evaluative course material (e.g., practice and review questions) is available in the textbook and on eClass.

**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](https://example.com) 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).

**Learning and Working Environment**

The Department of Psychology, the Faculty of Science, and the College of Natural and Applied Sciences are committed to ensuring that all students, faculty, and staff are able to work and study in an environment that is safe and free from discrimination, harassment, and violence of any kind. It does not tolerate behaviour that undermines that environment. This includes virtual environments and platforms.

The Department of Psychology believes that organizational diversity and excellence go hand-in-hand. We are committed to identifying our limitations as a department in terms of equity, diversity, and inclusion and making actionable changes to overcome these limitations. We want all our constituents to feel welcome, safe, and valued in the core activities of teaching, research, and administration. See the [EDI in Psychology](https://example.com) website for more information.

The University of Alberta acknowledges that we are located on Treaty 6 territory, and respects the histories, languages, and cultures of the First Nations, Métis, Inuit, and all First Peoples of Canada, whose presence continues to enrich our vibrant community.

**Other Policies**

The [Office of Safe Disclosure and Human Rights](https://example.com) (OSDHR) provides confidential disclosure services as well as advising and consulting on any issue related 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 [Academic Regulations](https://example.com): [Course Requirements, Evaluation Procedures and Grading](https://example.com) of the University Calendar.
Privacy Policies

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. To use the Online Psychology Laboratory (OPL): a) you are subject to the APA Privacy Policy, and b) your information may be held outside of Canada, and may be subject to another country’s laws. To use ChatGPT: a) you are subject to the OpenAI Privacy Policy, and b) your information may be held outside of Canada, and may be subject to another country’s laws.