



Applied Arts

PSYC202
Cognitive Psychology
Fall, 2024

3 Credits

Course Outline

INSTRUCTOR	Dr. Andy Roebuck (PhD)	OFFICE HOURS	Tuesdays 10:30 am-12:00 pm or by appointment In Person: Room A2208 Zoom ID: 830 544 5427
OFFICE	A2208	CLASSROOM	Ayamdigut A2603 Zoom ID: 830 544 5427
E-MAIL	aroebuck@yukonu.ca	CLASS TIME	Thursday 6:00 pm - 8:50 pm
TELEPHONE	n/a	CRN	10272
Liberal Arts office: Ayamdigut Campus A2501, liberalarts@yukonu.ca, 867-668-8770			

COURSE DESCRIPTION

Presents a broad introduction to the content and methods of cognitive psychology. Topics include examination of memory, attention, concept formation, problem-solving, artificial intelligence, and the relation of language to thought.

COURSE REQUIREMENTS

Prerequisite(s): PSYC 100 or 101; or permission from the instructor

EQUIVALENCY OR TRANSFERABILITY

AU PSYC 355 (3)	CAMO PSYC 2XX (3)	SFU PSYC 221 (3)	TWU Psyc 2xx (3)
TWU PSYC 2XX (3)	UBCV PSYC 2nd (3)	UFV PSYC 221 (3)	UNBC PSYC 303 (3)
UVIC PSYC 2XX (1.5)	UofR PSYC270 (3)		

Students are reminded that it is always the receiving institution that determines whether a course is acceptable as an applicable, equivalent course or if it may be transferred to their program for credit.

Find further information at: <https://www.yukonu.ca/admissions/transfer-credit> and <https://www.bctransferguide.ca>

LEARNING OUTCOMES

Upon successful completion of the course, which includes timely submission of all assignments, students will:

- Demonstrate an understanding of brain structures and functions.
- Demonstrate an understanding of cognitive psychology terminology and explain important features of cognitive processes, concepts, and theories.
- Demonstrate an understanding of information processing theories, perception, and consciousness.
- Demonstrate an understanding of attention, memory, and language.
- Demonstrate critical thinking skills as they apply to aspects of cognitive psychology.
- Demonstrate research and writing skills.

COURSE FORMAT

Delivery format

This course is being taught as a HyFlex course using a variety of materials, activities, and technical solutions. HyFlex courses are delivered both in-person and online at the same time by the same faculty member. Students can then choose for each class meeting whether to show up for class in person or to join it online. The underlying design ethos behind the HyFlex Model is flexibility and student choice. All students will still need to visit the course Moodle site regularly and participate in online activities and discussions as assigned and scheduled. All examinations will be held online during scheduled times (see timetable below).

Students are expected to attend classes (either in person or over Zoom) every **Thursday from 6:00 pm - 8:50 pm**. We will take a short break in the middle. The classroom is **A2603 at the Ayamdigut** campus in Whitehorse. The Zoom meetings are all held in Room: **830 544 5427**.

The class will proceed on a timetable (see below) with set assignments and due dates. **This is not a self-paced course.**

EVALUATION

Module Assignments	25%
Midterm #1: Modules 1-4	20%
Final Exam: Comprehensive	30%
Research Project	25%
Total	100%

Module Assignments – 25%

In this class you will be expected to complete 4 short assignments (roughly one every 2-3 weeks). Textbook readings will need to be completed independently as classes are designed to cover the most important material in each section. These assignments will reinforce core concepts in this course and help you prepare for the exams.

Assignments will include some multiple-choice questions (similar to what you will see on the midterms), fill in the blank, matching, and short answer questions. Short answer questions are not an assessment of your writing skill and point form is fine if it can be understood. All written answers should be your own work (e.g., not copied/pasted from a website, AI tool, or the course notes). The use of generative AI to write out/answer questions is **not** permitted (though you may use it to help understand material). All information needed for the assignments can be found in the textbook and/or assigned readings. Assignments will be available at least one week before they are due, and they will be due by 11:59 pm on the due date.

Some very important points for assignments:

-Life happens, everyone gets 1 free assignment extension, you DO NOT need to e-mail, just submit it when you can and there will be no penalty.

-Any additional late assignments will be assessed a flat penalty of 20%.

Midterm Exam – 20%

During this course there will be one midterm exam worth 20% of your final grade. The midterm exam is OPEN BOOK and will be completed through the course Moodle page. Students are expected to complete exams independently. The midterm exam will be held on **Thursday, October 17 from 6:00 - 7:20 pm** and will cover Modules 1-4 (Chapters 1-5). The midterm will consist of approximately 60 questions and students will have 80 minutes to complete the assessment. Note: although exams are open book, students should not rely on this to answer the questions as there will not be enough time to look up every answer. The exams will be similar in format to the chapter assignments. All examinations are to be completed independently. Generative AI is not permitted during exams.

Final Exam – 30%

There is a final exam scheduled for **Tuesday December 17, from 6:00 - 9:00 pm**. This exam will be identical in format to the midterm exam. The final exam will be comprehensive, with ~1/3 of questions coming from Modules 1-4 (Chapters 1-6) and 2/3 of questions from Modules 5-9 (Chapters 7-13). All examinations are to be completed independently. Generative AI is not permitted during exams. Additional information regarding the final exam will be discussed during class.

Research Project – 25%

In PSYC202 you will complete a research project exploring a modern topic in cognitive psychology. Your project can be related to any topic in cognitive psychology (e.g., perception, attention, language, memory, problem solving or reasoning) but the primary subject matter should relate to concepts, ideas, challenges, breakthroughs, or methodologies introduced, developed, refined, or changed in the last decade. I encourage you to research a topic that is interesting to YOU! The format of the project will be an interactive poster or PowerPoint presentation (more on that during class, you **will not** be forced to present in class). Whichever format, you will need to provide background about your topic, describe the current state of the field, highlight an important question, and design an experiment/approach to help answer your question. More information on the project will be discussed in class and templates/guides will be provided on the course site and discussed during class.

Projects must be submitted by **Friday December 13 @ 11:59 pm**. Late projects will be assessed a penalty of 10% per day.

TEXTBOOKS & LEARNING MATERIALS

Bruce Goldstein (2019). Cognitive Psychology Connecting Mind, Research, and Everyday Experience. 5th Edition. Cengage. ISBN: 9781337408271

Additional materials and assignments will be posted to the course site. We will review these materials on the first day of classes. **You are not required to purchase MindTap** but may find it useful for studying.

COURSE WITHDRAWAL INFORMATION

Students may officially withdraw from a course or program without academic penalty up until two-thirds of the course contact hours have been completed. Specific withdrawal dates vary, and students should become familiar with the withdrawal dates of their program. See withdrawal information at www.yukonu.ca/admissions/money-matters

Refer to the YukonU website for important dates: www.yukonu.ca/admissions/important-dates

Refunds may be available. See the Refund policy and procedures at www.yukonu.ca/admissions/money-matters

ACADEMIC INTEGRITY

Students are expected to contribute toward a positive and supportive environment and are required to conduct themselves in a responsible manner. Academic misconduct includes all forms of academic dishonesty such as cheating, plagiarism, fabrication, fraud, deceit, using the work of others without their permission, aiding other students in committing academic offences, misrepresenting academic assignments prepared by others as one's own, or any other forms of academic dishonesty including falsification of any information on any Yukon University document.

Please refer to Academic Regulations & Procedures (updated bi-annually) for further details about academic standing, and student rights and responsibilities: www.yukonu.ca/policies/academic-regulations

ACCESSIBILITY AND ACADEMIC ACCOMMODATION

Yukon University is committed to providing a positive, supportive, and barrier-free academic environment for all its students. Students experiencing barriers to full participation due to a visible or hidden disability (including hearing, vision, mobility, learning disability, mental health, chronic or temporary medical condition), should contact Accessibility Services for resources or to arrange academic accommodations:

access@yukonu.ca.

TOPIC OUTLINE

Course: Sept 5 – Dec 17	PSYC 202 – Cognitive Psychology
Module 0: Course Outline Sept 5 – Sept 7	Topic: Course Outline To Do: Review Course Outline; Download/purchase textbook; Check out Moodle; Check out MindTap; Start reading Chapter 1. Class: Sept 5, 6:00 - 8:50 pm No Assignments or Exams
Module 1: Introduction Sept 5 – Sept 14	Topic: Introduction to Cognitive Psychology To Do: Read Chapter 1. Class: Sept 12, 6:00 - 8:50 pm No Assignments or Exams
Module 2: Cognitive Neuroscience Sept 15 – Sept 28	Topic: <i>Cognitive Neuroscience</i> To Do: Read Chapter 2. Complete Assignment #1. Class: Sept 19, Sept 26, 6:00 - 8:50 pm Assignment #1 Due Tuesday Oct 1 – Cognitive Psychology & Neuroscience
Module 3: Perception and Attention Sept 22 – Oct 12	Topic: <i>Perception; Attention</i> To Do: Read Chapters 3 & 4. Complete Assignment #2. Class: Sept 26, Oct 3, Oct 10, 6:00 - 8:50 pm Assignment #2 Due Friday Oct 11 – Perception, Attention
Module 4: ST Memory Oct 6 – Oct 12	Topic: <i>Short-Term and Working Memory</i> To Do: Read Chapter 5. Study for your Midterm Exam. Class: Oct 10, 6:00 - 8:50 pm Midterm Exam next week
Midterm Exam: Oct 17, 6:00 - 7:20 pm	Topic: <i>Midterm Exam</i> To Do: Midterm Exam; Review the research project requirements in detail. Midterm Exam (Chapters 1-5): During Class Time (6:00-7:20pm)
Module 5: LT Memory Oct 20 – Nov 9	Topic: <i>Long-Term Memory, Encoding, Retrieval, Consolidation; Everyday Memory</i> To Do: Read Chapters 6, 7, & 8. Complete Assignment #3. NO IN-PERSON OPTION OCT 24, OCT 31: ZOOM ONLY Class: Oct 24, Oct 31, Nov 7, 6:00 - 8:50 pm Assignment #3 Due Friday Nov 8 – Memory
Reading Week: Nov 10 – Nov 16	NO CLASSES THIS WEEK
Module 6: Concepts Nov 17 – Nov 23	Topic: <i>Conceptual Knowledge</i> To Do: Read Chapter 9. Class: Nov 21, 6:00 - 8:50 pm No Assignments or Exams
	--- Continued Below ---

Module 7: Visual Imagery Nov 24 – Nov 30	Topic: <i>Visual Imagery</i> To Do: Read Chapter 10; Complete Assignment #4. Class: Nov 28, 6:00 - 8:50 pm Assignment #4 Due Tuesday Dec 3 – Concepts and Visual Imagery
Module 8: Language Dec 1 – Dec 7	Topic: <i>Language</i> To Do: Read Chapter 11. Class: Dec 5, 6:00 - 8:50 pm No Assignments or Exams
Module 9: Problem Solving & Judgement Dec 8 – Dec 14	Topic: <i>Problem Solving, Creativity, Judgement, Decisions, Reasoning</i> To Do: Read Chapters 12 & 13. Class: Dec 12, 6:00 - 8:50 pm No Assignments or Exams
Research Paper Due	Research Projects due by Friday Dec 13 @ 11:59 pm!
Final Exam Tuesday Dec 17 6:00 - 9:00 pm	Final Exam (~1/3 of questions from Chapters 1-5; 2/3 of questions from Chapters 7-13). Over Moodle 6:00 – 9:00 pm.