



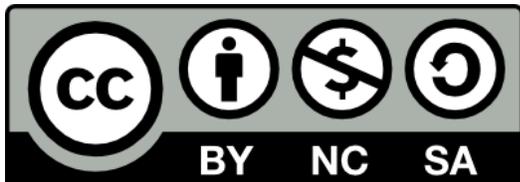
COURSE OUTLINE

PSYC 202

COGNITIVE PSYCHOLOGY

3 CREDITS

PREPARED BY: Andrew Roebuck, Instructor
DATE: November 1, 2021



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COGNITIVE PSYCHOLOGY

INSTRUCTOR: Andy Roebuck (PhD)

OFFICE HOURS: Via Zoom: Tuesday 1:00-3:00 pm or by appointment

OFFICE LOCATION: A2208

CLASSROOM: Zoom ID: 830 544 5427

E-MAIL: aroebuck@yukonu.ca

CLASS TIME: Via Zoom: Wednesday 2:30-4:20 pm

TELEPHONE: n/a

DATES: Jan 5th – April 22nd 2022

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.

PREREQUISITES

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)

For more information about transferability please contact the Liberal Arts Office.

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

This course is being taught online using a variety of materials, activities, and technical solutions. You will need to visit the course Moodle site and participate in online activities and discussions as assigned and scheduled.

There are no in-person meetings scheduled for this course. Students will be expected to attend a weekly Zoom session every Wednesday from 2:30-4:20 pm. The Zoom meetings will be 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.**

ASSESSMENTS

Attendance and Participation – 5%

Regular attendance and completion of course work is expected. Attendance and participation will be worth 5% of the total course grade.

The weekly Zoom session is scheduled for **Wednesdays from 2:30-4:20 pm**. During the Zoom sessions, students will be expected to respond to a few short multiple-choice questions. Questions are asked and answered in Zoom (you will need the Zoom app). These questions are not marked for correctness, rather they are a tool for

self-assessment. Completion of 80% or more of these questions over the course will be considered “perfect attendance”. Should a student respond to fewer than 80% of questions, the attendance mark will be prorated to match their responses.

Example 1: A student responds to 90% of questions throughout the course. 90% is greater than 80% therefore they receive full marks for attendance (5%).

Example 2: A student only responds to 60% of the required 80% of questions. This is equal to 75% of “perfect attendance” ($60 / 80 = 75\%$). Therefore, the student receives a mark of 75% for attendance (3.75%).

If you will be unable to regularly attend/engage with Zoom sessions for any reason (e.g., bandwidth/computer issues, work/family commitments, illness), please contact the instructor to have the attendance mark shifted to the final exam. This option will be available to ALL students up until the date of the final exam. **NOTE: Exams will be held during the Zoom time and ALL students will be expected to participate in these assessments. Please make a note of these dates and times now!**

Module Assignments – 20%

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 and weekly Zoom sessions 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, 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 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 on **Sundays by 11:59 pm.**

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 **Wednesday, February 16 from 2:30-4:00 pm** and will cover Modules 1-4 (Chapters 1-6). The midterm will consist of approximately 50 multiple choice questions and students will have 1.5 hours 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 module assignments.

Final Exam – 30%

There will be a final exam tentatively scheduled for **April 20, from 1-4 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). Additional information regarding the final exam will be released later.

Research Paper – 25%

In PSYC202 you will write a research paper exploring a **modern topic** in cognitive psychology. Your paper 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 write on a topic that is interesting to YOU! You must use a minimum of three peer-reviewed sources your paper. The paper should be about 8 - 10 double spaced pages, (including the title page, abstract, and references). More information on the paper will be provided on the course site and discussed during the Zoom sessions. Papers will be due **Wednesday April 13 @ 11:59 pm** and they should be submitted as a pdf on Moodle. Late papers will be assessed a penalty of 10% per day.

EVALUATION

Attendance and Participation	5%
Module Assignments	20%
Midterm Exam: Modules 1-4	20%
Final Exam: Comprehensive	30%
Research Paper	25%
Total	100 %

REQUIRED TEXTBOOKS AND 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.

ACADEMIC AND STUDENT CONDUCT

Information on academic standing and student rights and responsibilities can be found in the current Academic Regulations that are posted on the Student Services/ Admissions & Registration web page.

PLAGIARISM

Plagiarism is a serious academic offence. Plagiarism occurs when a student submits work for credit that includes the words, ideas, or data of others, without citing the source from which the material is taken. Plagiarism can be the deliberate use of a whole piece of work, but more frequently it occurs when students fail to acknowledge and document sources from which they have taken material according to an accepted manuscript style (e.g., APA, CSE, MLA, etc.). Students may use sources which are public domain or licensed under Creative Commons; however, academic documentation standards must still be followed. Except with explicit permission of the instructor, resubmitting work which has previously received credit is also considered plagiarism. Students who plagiarize material for assignments will receive a mark of zero (F) on the assignment and may fail the course. Plagiarism may also result in dismissal from a program of study or the University.

YUKON FIRST NATIONS CORE COMPETENCY

Yukon University recognizes that a greater understanding and awareness of Yukon First Nations history, culture and journey towards self-determination will help to build positive relationships among all Yukon citizens. As a result, to graduate from ANY Yukon University program, you will be required to achieve core competency in knowledge of Yukon First Nations. For details, please see www.yukonu.ca/yfnccr.

ACADEMIC ACCOMMODATION

Reasonable accommodations are available for students requiring an academic accommodation to fully participate in this class. These accommodations are available for students with a documented disability, chronic condition or any other grounds specified in section 8.0 of the Yukon University Academic Regulations (available on the Yukon University website). It is the student’s responsibility to seek these accommodations. If a student requires an academic accommodation, they should contact the Learning Assistance Centre (LAC): lac@yukonu.ca.

TOPIC OUTLINE AND SCHEDULE

Course: Jan 5 – April 22	PSYC 202 – Cognitive Psychology
Module 1: Introduction Jan 5 – Jan 8	Topic: Introduction and Syllabus To Do: Review Course Outline; Download/purchase textbook; Check out Moodle; Check out MindTap; Read Chapter 1. Zoom: Jan 5, 2:30-4:20 pm No Assignments or Exams
Module 2: Cognitive Neuroscience Jan 9 – Jan 15	Topic: <i>Cognitive Neuroscience</i> To Do: Finish Chapter 1; Read Chapter 2. Complete Assignment #1. Zoom: Jan 12, 2:30-4:20 pm Assignment #1 Due Sunday Jan 30 – Cognitive Psychology & Cognitive Neuroscience
Module 3: Perception and Attention Jan 16 – Jan 29	Topic: <i>Perception; Attention</i> To Do: Read Chapters 3 & 4. Complete Assignment #2. Zoom: Jan 19, Jan 26, 2:30-4:20 pm Assignment #2 Due Sunday Feb 13 – Perception, Attention

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Module 4: Memory Part 1 Jan 30 – Feb 19	Topic: <i>Short-Term and Working Memory; Long-Term Memory Structure</i> To Do: Read Chapters 5 & 6. Midterm Exam. Zoom: Feb 2, Feb 9, 2:30-4:20 pm Midterm Exam (Chapters 1-6) Wednesday Feb 16
Midterm Exam: Feb 16, 2:30 - 4:00 pm	Topic: <i>Midterm Exam</i> To Do: Midterm Exam; Review the research paper requirements. Midterm Exam (Chapters 1-6): During Zoom Time (2:30-4:00pm)
Reading Week: Feb 20 – Feb 26	No class this week
Module 5: Memory Part 2 Feb 27 – March 12	Topic: <i>Encoding, Retrieval, Consolidation; Everyday Memory</i> To Do: Read Chapters 7 & 8. Complete Assignment #3. Zoom: Mar 2, Mar 9, 2:30-4:20 pm Assignment #3 Due Sunday Mar 20 – Memory
Module 6: Concepts March 13 – March 19	Topic: <i>Conceptual Knowledge</i> To Do: Read Chapter 9. Zoom: Mar 16, 2:30-4:20 pm No Assignments or Exams
Module 7: Visual Imagery March 20 – March 26	Topic: <i>Visual Imagery</i> To Do: Read Chapter 10; Complete Assignment #4. Zoom: Mar 23, 2:30-4:20 pm Assignment #4 Due Sunday Mar 20 – Concepts and Vision
Module 8: Language March 27 – April 2	Topic: <i>Language</i> To Do: Read Chapter 11. Zoom: Mar 30, 2:30-4:20 pm No Assignments or Exams
Module 9: Problem Solving & Judgement April 3 – April 13	Topic: <i>Problem Solving, Creativity, Judgement, Decisions, Reasoning</i> To Do: Read Chapters 12 & 13. Zoom: Apr 6, Apr 13, 2:30-4:20 pm No Assignments or Exams
Research Paper Due	Research Paper Due April 13th @ 11:59 pm!
Final Exam April 20 1:00 - 4:00 pm	Final Exam (1/3 of questions from Chapters 1-6; 2/3 of questions from Chapters 7-13). Over Moodle 1-4 pm.