

THE UNIVERSITY OF WINNIPEG  
WINNIPEG MANITOBA  
Department of Psychology  
**Psychology 2600-001 and 002: Introduction to Cognitive Psychology (Fall 2021)**

***Course Section Information***

Instructor: Dr. Jane Lawrence Dewar

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Course section Format: In person

Office Hours: By appointment: in person on Monday and Wednesday 1:30 - 2:20 or by Zoom on other days and times. If you would like to meet with me for office hours (either in person or by video conference) please email me or speak to me at the end of class to arrange an appointment.

**Voluntary Withdrawal Date:** November 16, 2021

*Note: Withdrawing before this deadline does not result in a fee refund.*

***Calendar Description:*** PSYC-2600 (3) An Introduction to Cognitive Psychology (3 hrs Lecture) This course examines empirical and theoretical approaches to the study of human cognitive processes. Topics to be discussed include perception, attention, short- and long-term memory, semantic memory, language, and thinking. Demonstrations illustrating major principles and exercises for improving cognition are included. Requisite Courses: PSYC-1000 [prerequisite(s)].

***Learning Objectives:*** By the end of this course, students should be able to:

- Demonstrate knowledge of the approaches and tools used to study cognitive processes
- Explain how experimental methods can be used to infer cognitive processing
- Relate individual cognitive processes to each other and the broader function of thinking
- Apply basic research findings in cognitive psychology to applications in everyday life

***Course Materials:***

*Recommended Textbook:* Cognition: Exploring the Science of the Mind. 7th edition By Daniel Reisberg. W.W. Norton & Co.

***Requirements and Evaluation:***

Your final grade will be calculated from:

***Reflection assignments completed on Nexus (10%):*** There are 10 short reflection assignments posted on nexus with each worth 1%. Assignments are due **at 12am on the date listed in the schedule**. Individual deadlines can also be found in the Nexus calendar. You may work ahead if you wish. The purpose of the reflection assignments is to give you some hands-on experience with some of the tasks and approaches that are used in research to assess or study the cognitive functions that we will cover. Each assignment has supplementary material for you to run/review/watch first and most will offer you a choice between:

1. A computer-based experiment (using free PEBL2.1 software ( <http://pebl.sourceforge.net/> ) that will run locally on your computer (you will not be sharing data) **or**
2. An alternative video that features research and/or the techniques used to study the cognitive function topic being covered that week.

When offered a choice of the above two options, you only need to complete one type of material. Once you have completed your review of the supplementary material you have chosen, prepare a short (suggested max. is 5 sentences) reflection. For each reflection I will suggest some questions/points to think about to help you get started but, feel free to offer your thoughts or questions in your reflection. Your reflection will be evaluated for: 1) Does it show that you reviewed the supplementary material (0.5%) and 2) Does your submission offer something more than just a synopsis of the material reviewed (0.5%). Be sure to submit your reflection prior to the deadline posted in the below schedule (always set to at 12am). Once a deadline has passed, **there are no makeups for missed reflection assignments.**

**Three Term Tests (each worth 30%):** Term tests are **closed-book, non-cumulative** in-person assessments. Students may be asked to present photo ID. Tests will be composed of multiple choice, true or false, labelling, matching, fill in the blank and short answer questions. **Term tests are scheduled for September 29, November 10, and during the December evaluation period (Dec 9-22, 2021. Please see University Scheduling period for date and time of Term Test 3).** These dates and the material covered on each test can be found in the schedule below.

***Policy regarding missed activities and assessments***

The reflection assignments are available to you from the start of the course until each individual deadline. Because of this and the small value of marks that each is worth, **there are no makeups for missed reflection assignments.**

Make-up tests will only be permitted for absences due to medical conditions/illness, compassionate needs (death), or religious holidays. It is the student's responsibility to inform the instructor **prior** to the date of the test to arrange a timely make-up. In the case of the emergency, the student will contact the instructor as soon as possible. Students may be asked to provide documentation to support their request. The format of alternate tests is at the discretion of the Instructor (a long answer exam may be used in place of the missed exam). Tests missed without an acceptable excuse will be assigned a mark of zero.

***Grade assignments:***

Grade cut-offs are tentative and are subject to change in either direction by the instructor, Departmental Review Committee, or the Senate when Circumstances warrant.

A+	Instructor's discretion	A	85 and over	A-	80 - 84
B+	75 - 79	B	70 - 74		
C+	65 - 69	C	60 - 64		
D	50 - 59	F	0 - 49		

**CLASSROOM ENVIRONMENT AND EXPECTATIONS:**

All students, faculty and staff have the right to participate, learn and work in an environment that is free of harassment and discrimination. The UW Respectful Working and Learning Environment Policy may be found online at [www.uwinnipeg.ca/respect](http://www.uwinnipeg.ca/respect) .

Please keep in mind that some individuals are very sensitive to scents. Exposure to perfumes and other products can trigger serious health reactions in persons with asthma, allergies, migraines, or chemical sensitivities. Please help keep our lecture space a scent-free environment.

Students may choose not to attend classes or write examinations on holy days of their religion, but they must notify their instructors at least two weeks in advance. Instructors will then provide opportunity for students to make-up work and/or examinations without penalty. A list of religious holidays can be found in the 2019-2020 Undergraduate Academic Calendar, in the section, **Important Notes** (<https://www.uwinnipeg.ca/academics/calendar/dates.html>).

Students with documented disabilities, temporary or chronic medical conditions, requiring academic accommodations for tests/exams (e.g., private space) or during lectures/laboratories (e.g., note-takers) are encouraged to contact Accessibility Services (AS) at 204-786-9771 or [accessibilityservices@uwinnipeg.ca](mailto:accessibilityservices@uwinnipeg.ca) to discuss appropriate options. All information about a student's disability or medical condition remains confidential. See: <http://www.uwinnipeg.ca/accessibility>.

If you are experiencing a medical or personal problem that is interfering with your ability to complete course work please consider contact Student Services. They are not only valuable in assisting you navigate your term and identify support services that are available to you but, can also keep documentation should any test deferrals requests be needed.

*Copyright and Intellectual Property:*

Course materials are the property of the developer. Examples of materials include course outlines, lecture slides, assignment descriptions and questions. Material used in this course may have been developed by myself, a kind colleague, or may have been provided as a resource by the textbook publisher. Regardless of format or source, material that I have provided to you in class has been with permission and in a format acceptable by the owner. Further sharing or recording of these materials without permission is a violation of copyright law and University policy.

*Avoiding Academic Misconduct:* Students are encouraged to familiarize themselves with the Academic Regulations and Policies found in the University Academic Calendar at: <https://www.uwinnipeg.ca/academics/calendar/docs/regulationsandpolicies.pdf>. Particular attention should be given to subsections 8 (Student Discipline), 9 (Senate Appeals), and 10 (Grade Appeals). Please note, in particular, the subsection of Student Discipline pertaining to plagiarism and other forms of cheating.

Academic Misconduct Policy and Procedures: <https://www.uwinnipeg.ca/institutional-analysis/docs/policies/academic-misconduct-policy.pdf> and <https://www.uwinnipeg.ca/institutional-analysis/docs/Procedures/academic-misconduct-procedures.pdf>

Non-Academic Misconduct Policy and Procedures: <https://www.uwinnipeg.ca/institutional-analysis/docs/student-non-academic-misconduct-policy.pdf> and <https://www.uwinnipeg.ca/institutional-analysis/policies-and-procedures/index.html>

*Tentative Course Schedule (subject to change)*

<b>Day and Date</b>	<b>Topic</b>	<b>Chapter</b>	<b>Reflection Assignment Topic</b>	<b>Due Date (by 12 am)</b>
Wed - Sept 8	Welcome / History	1		
Mon – Sept 13	Neuroanatomy and Cognitive Neuroscience	2	Brain Laterization and Asymmetry	Wed – Sep 15
Wed – Sept 15				
Mon – Sept 20	Sensation	3	Visual Illusions	Wed – Sept 22
Wed – Sept 22	Visual Perception	4	Recognition	Mon – Sept 27
Mon – Sept 27				
<b>Wed – Sept 29</b>	<b>Term Test 1 (30%)</b>	<b>1-4</b>		
Mon – Oct 4	Attention	5	Change Blindness	Wed – Oct 6
Wed - Oct 6				
<i>Oct 10 - 16</i>	<i>Mid-term Reading Week</i>			
Mon – Oct 18	Memory Structures	6	Working Memory	Wed – Oct 20
Wed – Oct 20	Memory Processes			
Mon – Oct 25			Short Term Memory	Wed – Oct 27
Wed – Oct 27				
Mon – Nov 1	Forgetting	6-8		
Wed – Nov 3	False Memory & Eyewitness Memory		False Memories	Wed – Nov 3
Mon – Nov 8	Memory Disorders			
<b>Wed – Nov 10</b>	<b>Test 2 (30%)</b>	<b>5-8</b>		
Mon – Nov 15	Semantic Memory: Concepts & Categories	9		
Wed – Nov 17				
Mon – Nov 22	Visual Imagery	11	Mental Rotation	Mon – Nov 22
Wed – Nov 24	Language	10	Lexical Decisions	Mon – Nov 29
Mon – Nov 29				
Wed – Dec 1	Frontal Lobe Function: Thinking, Problem Solving	12-13	Frontal Lobe Function	Mon – Dec 6
Mon – Dec 6	Frontal Lobe Function: Reasoning, Decision Making			
TBD in Dec Exam Period	<b>Test 3 (30%)</b>	9-13		

December Evaluation period is Dec 9-22, 2021. Please see University Scheduling period for date and time of Term Test 3.