

Fall 2021

Psychology 352, Cognition and Memory, ONLINE

Instructor, Dr. Jennifer Wiley

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Teaching Assistants:

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TA ONLINE Office hours, 3:30-4:30 **TUES THURS**, Zoom link in Blackboard

Each student is required to meet with the instructor at least once during the semester! These online meetings will also be during the scheduled course time (3:30-4:30 **TUES THURS**).

Online courses are weird and I still want to meet each of you!

Course Outline Web Page: <http://wiley.lsri.uic.edu/psch352/psch352.html>

More extensive information is posted in Blackboard for enrolled students.

All course policies and links to student resources are posted in Blackboard.

General Description

Why can we remember the names of people in our first grade class but not know where we parked our car?

Why do people think that an 80% chance of winning a prize sounds better than a 20% chance of losing?

How can we understand novel phrases that we have never heard before like "twiticule"?

Why do our eyes sometimes see things that aren't there?

What is the best way to study for a class?

These are a few of the questions that cognitive psychologists study.

The purpose of this course is to stimulate curiosity about both the content and the process of cognitive psychology.

Cognitive psychology is an experimental field.

In this course there will be a focus on the experiments that have led to theories about how we think.

Required text Farmer & Matlin *Cognition* (Online version is \$37.00, [Link to UIC bookstore](#))

(Either ninth or tenth edition is ok).

The text is required. Reading assignments will cover different content than the activities.

There will be some overlap, but there will also be information that only appears in one place.

Exams will test both content from the background readings and the activities.

Exams will include many types of questions including open-ended responses, true-false, matching, and multiple-choice questions.

Grading Grades will be based on completing the online activities for each of the units (including reading assignments, quizzes, participating in demonstrations, and watching videos),

4 exams, and an optional final (which can be used to replace your lowest exam score).

Out of a total of 240 possible points, the unit activities will count for 50% of your grade

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As you can see below for Part 1, there will be approximately 30 activities in each part of the course (some a little more, some a little less).

Although most of the course is asynchronous, exams MUST be taken during the officially scheduled time for the class. Our scheduled class time is TUES THURS 3:30-4:15

Make-up Policy No make-up exams will be given. Students who miss an exam can use the optional final to replace that exam.

Unit activities The activities within each unit will include readings, video lectures, quizzes,

and other activities such as participating in demonstrations and experiments.

The specific activities required for each unit will be posted in Blackboard.

You are free to complete the activities at your own pace.

The activities for the first unit will be available at the start of the semester.

Subsequent sets of activities will be posted each week.

You will be able to see the next activity on Blackboard only once you complete the activity before it.

Once you complete activities, they will remain accessible throughout the course so you can review and refresh your understanding.

The one exception is quizzes which can only be viewed and taken once.

To earn credit for participating in each activity it must be completed 48 hrs before the exam on that content.

Course Outline

Part 1

To start the course, go to blackboard, and click on the Part 1 link on the left side menu. Then select Video 1.

You will be able to see the next activity on Blackboard only once you complete the activity before it.

Unit 1 Introduction to Cognitive Psychology and the Five Themes (Chapter 1)

Available NOW

1. Video 1
2. Activity 1
3. Video 1A and 1B
4. Reading Assignment 1
5. Quiz 1
6. Video 2

Unit 2 Perception (Chapter 2)

Available NOW

7. Video 3
8. Activity 2
9. Video 4
10. Activity 3
11. Reading Assignment 2
12. Quiz 2
13. Video 5
14. Video 6

Bottom-up and Top-down Processing

Available NOW

15. Activity 4
16. Activity 5
17. Activity 6
18. Activity 7
19. Activity 8
20. Reading Assignment 3
21. Quiz 3
22. Video 7
23. Video 8

Auditory Processing

Available NOW

24. Activity 9
25. Activity 10

- 26. Reading Assignment 4
- 27. Quiz 4
- 28. Video 9

Unit 3 Attention (Chapter 3)

Available NOW

- 29. Activity 11
- 30. Activity 12
- 31. Activity 13
- 32. Activity 14
- 33. Reading Assignment 5
- 34. Quiz 5
- 35. Video 10
- 36. Video 11

Sep 14 All activities from Part 1 must be completed by 3:30PM (48 hours before Exam 1) to earn credit.

Sep 16 EXAM 1 DURING SCHEDULED CLASS TIME

Part 2

Available starting Sep 16

Unit 4 Short Term Memory and Working Memory (Chapter 4)

Unit 5 Long Term Memory (Chapter 5)

Unit 6 How to Improve Memory (Chapter 6)

Unit 7 Semantic Memory (Chapter 8)

Oct 12 All activities from Part 2 must be completed to earn credit.

Oct 14 EXAM 2 DURING SCHEDULED CLASS TIME

Part 3

Available starting Oct 14

Unit 8 Problem Solving and Creativity (Chapter 11)

Unit 9 Reasoning and Decision Making (Chapter 12)

Unit 10 Spatial Cognition (Chapter 7)

Nov 7 All activities from Part 3 must be completed to earn credit.

Nov 9 EXAM 3 DURING SCHEDULED CLASS TIME

Part 4

Available starting Nov 8

Unit 11 Language Processing

Unit 12 Language Acquisition and Bilingualism

Nov 30 All activities from Part 4 must be completed to earn credit.

Dec 2 EXAM 4 DURING SCHEDULED CLASS TIME

Dec 6-10 FINAL (Optional)

9.2.21