

PSY 263: Cognitive Psychology

General Information:

Term: 2022 Summer Session

Instructor: Staff

Language of Instruction: English

Classroom: TBA

Office Hours: TBA

Class Sessions Per Week: 5

Total Weeks: 5

Total Class Sessions: 25

Class Session Length (minutes): 145

Credit Hours: 4

Course Description:

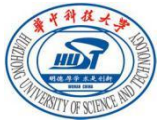
This course is designed to provide a comprehensive overview of research on human cognition, which is about the information-processing mechanisms of human mind. Topics include perception, attention, learning, memory, language, decision making, reasoning, and problem solving. Upon completion students will develop basic understanding on the cognitive and perceptual processes, current research findings of cognitive psychology, its influence and implications in other sectors of current society.

Pr-requisite: Intro to Psychology

Learning Objectives:

Upon completion students are expected to:

1. Demonstrate understanding of the history of cognitive psychology and its influence on other fields of psychology
2. Demonstrate knowledge of the major theories in the field of cognitive psychology
3. Demonstrate understanding of the methods and principles of cognitive psychology,
4. Demonstrate ability to critically evaluate and analyze the current research findings of cognitive psychology.



5. Demonstrate ability to explain some of the broader implications of cognitive research for society in the near future

Course Materials:

Textbook:

Goldstein, B. (2018). Cognitive Psychology: Connecting Mind, Research and Everyday Experience, 5th Edition. Cengage Learning.

CogLab/MindTap: It will be used to illustrate the methods of cognitive psychology.

Regular internet access is required to access online materials and assignments

Course Assignments and Assessment:

Quizzes:

There will be 5 quizzes among the whole semester. The quizzes will be based on lecture material. No make-up quizzes will be given.

Exams (Midterm Exam and Final Exam):

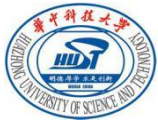
Exams are a combination of multiple choice, short answer questions and true/false questions. The final exam is cumulative. Students are responsible for all notes in posted lecture presentations and material discussed in lecture. The textbook is a critically important supplement to your learning and will enhance understanding of material presented in lecture. There are no makeup exams or re-scheduling of exams.

CogLab Experiments:

5 on-line demonstration experiments from the CogLab library is required. Students need to complete the assignment prior to the class on which it is assigned. Instructions for how to get started with CogLab will be posted online.

Course Assessment:

Discussion and Participation	10%
Quizzes	15%



Online CogLab Experiments	20%
Midterm	20%
Final Exam	35%
Total	100%

Grading Scale (percentage):

A+: 98%-100%

A: 93%-97%

A-: 90%-92%

B+: 88%-89%

B: 83%-87%

B-: 80%-82%

C+: 78%-79%

C: 73%-77%

C-: 70%-72%

D+: 68%-69%

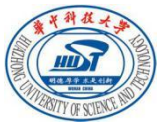
D: 63%-67%

D-: 60%-62%

F: Below 60%

Course Schedule:

Class	Topics	Assignments
1	Syllabus, introductions, expectations	Self-introduction
2	Introduction and History of Cognitive Psychology	Reading Chapter 1
3	Cognitive Neuroscience	Reading Chapter 2
4	Perception	Reading Chapter 3 Online CogLab Experiment
5	Perception	Reading Chapter 3 Quiz 1
6	Attention	Reading Chapter 4
7	Attention	Reading Chapter 4
8	Short-Term Memory	Reading Chapter 5



9	Working Memory	Reading Chapter 5 Online CogLab Experiment
10	Long-Term Memory	Reading Chapter 6 Quiz 2 Class Discussion
11	LTM: Encoding, Retrieval	Reading Chapter 7 Online CogLab Experiment
12	LTM: Consolidation	Reading Chapter 7
13	Midterm Exam	
14	Everyday Memory and Memory Errors	Reading Chapter 8
15	Conceptual Knowledge	Reading Chapter 9 Quiz 3 Class Discussion
16	Visual Imagery	Reading Chapter 10
17	Language	Reading Chapter 11
18	Language	Reading Chapter 11 Quiz 4 Class Discussion
19	Judgment	Reading Chapter 13 Online CogLab Experiment
20	Decision Making	Reading Chapter 13
21	Decision Making	Reading Chapter 13
22	Reasoning	Reading Chapter 13 Quiz 5 Class Discussion
23	Problem Solving & Creativity	Reading Chapter 12 Online CogLab Experiment
24	Problem Solving & Creativity	Reading Chapter 12
25	Review for Final Exam	Class Discussion
Final exam (Comprehensive), TBA		

Academic Integrity:



Students are encouraged to study together, and to discuss lecture topics with one another, but all other work should be completed independently.

Students are expected to adhere to the standards of academic honesty and integrity that are described in the Huazhong University of Science & Technology's *Academic Conduct Code*. Any work suspected of violating the standards of the *Academic Conduct Code* will be reported to the Dean's Office. Penalties for violating the *Academic Conduct Code* may include dismissal from the program. All students have an individual responsibility to know and understand the provisions of the *Academic Conduct Code*.

Special Needs or Assistance:

Please contact the Administrative Office immediately if you have a learning disability, a medical issue, or any other type of problem that prevents professors from seeing you have learned the course material. Our goal is to help you learn, not to penalize you for issues which mask your learning.