



Basic Course Information

Semester:	Spring 2022	Instructor Name:	Brenda Estrada
Course Title & #:	PSY 211 Cognitive Psychology	Email:	Brenda.estrada@imperial.edu
CRN #:	20796	Webpage (optional):	http://www.imperial.edu
Classroom:	ONLINE	Office #:	Imperial Valley College
Class Dates:	February 14-June 10, 2022	Office Hours:	Upon request
Class Days:	ONLINE	Office Phone #:	760-997-6048
Class Times:		Emergency Contact:	760-997-6048
Units:	4.0	Class Format:	ONLINE

Course Description

This course will examine principles of cognition focusing on prevailing theories, previous research and current trends in the cognitive sciences. Research findings from human and animal models will be used as a foundation to explore a wide range of topics including cognitive neuroscience, sensation & perception, learning & memory, attention, knowledge and intelligence, consciousness, problem solving, decision making and psycholinguistics among others. Common methods used to study cognitive processes such as positron emission tomography (PET scan), electroencephalography (EEG) and the polygraph test will also be discussed. (CS, UC).

Student Learning Outcomes

Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to:

1. explain, using examples from empirical research, the major areas of interest within the field of cognitive psychology. (ILO1, ILO2, ILO3)
2. explain, using examples, the methods used by researchers to study cognitive processes in humans and other species. (ILO1, ILO2, ILO3)
3. explain, using examples, the current applications, usefulness and limitations of current theories in cognitive psychology. (ILO1, ILO2, ILO3)

Course Objectives

Upon satisfactory completion of the course, students will be able to:

1. Define cognition and identify the origins of and major areas within the cognitive sciences and explain the differences and similarities of each of the major subdivisions.
2. Describe theories, methods, applications, limitations and implications of research findings from humans and animals from the major subdivisions of cognitive psychology.
3. Describe how modern techniques in neuroscience have advanced our understanding of the biological basis of cognition.
4. Describe future direction in cognitive psychology and identify any possible moral and ethical dilemmas that may arise as we learn more about thinking and consciousness.

5. Demonstrate an understanding of the differences between sensory, working and long-term memory.
6. Apply the principles of cognitive psychology to real world issues.
7. Identify notable individuals together with their contributions to psychology.
8. Characterize the nature of cognitive psychology as a scientific discipline and identify its primary objectives: to describe, understand, predict, and control behavior and mental processes.
9. Use the concepts, language, and major theories, and research findings as these relate to everyday life.

Textbooks & Other Resources or Links

E. Bruce Goldstein (2019). Cognitive Psychology: Connecting Mind, Research, and Everyday Experience 5th Edition. Cengage Learning: Belmont, CA. ISBN 13: 9781337408271

Course Requirements and Instructional Methods

This class is strictly online via CANVAS

The syllabus serves as a chronological guide to the class and may change without notice.

Modules Section: Each module represents a small chunk of related information. Within each module, there will be tasks for you to perform such as watch videos and recorded lectures, view PowerPoint slides, complete other assignments, work with statistical software, take quizzes and upload end of chapter “homework” problems, among others. The modules will become available sequentially as you move through the course. Some of the activities in the modules will have clear due dates. These activities must be completed by those due dates and in the time allotted.

Course Grading Based on Course Objectives

Quiz- Module 0: 5 points

Discussion Module 0/Meet & Greet: 10 points

Research paper: 1@ 80 pts

Assignments: 13@ 10 pts 130 pts

Exams: 3@ 50 pts 150 pts

Final Exam: 100 pts

TOTAL: 475 POINTS



Other Course Information

COMPLETE YOUR OWN COURSEWORK. - When you register for an online class and log-in to Canvas, you do so with the understanding that you will produce your own work, take your own exams, and will do so without the assistance of others (unless directed by the instructor).

Examples of Academic Dishonesty that can occur in an online environment:

- Copying from others on a quiz, test, examination, or assignment
- Allowing someone else to copy your answers on a quiz, test, exam, or assignment –

Having someone else take an exam or quiz for you

- Conferring with others during a test or quiz (if the instructor didn't explicitly say it was a group project, then he/she expects you to do the work without conferring with others)

IVC Student Resources

IVC wants you to be successful in all aspects of your education. For help, resources, services, and an explanation of policies, visit <http://www.imperial.edu/studentresources> or click the heart icon in Canvas.

Anticipated Class Schedule/Calendar

//

February 14- February 20 2022	Week 1/Module 0: Introduction to class -Meet and Greet Discussion -Module 0 quiz
February 21- February 27 ,2022	Week 2 /Module 1 Ch. 1 Introduction to Cognitive Psychology -Weekly Assignment
February 28- March 6, 2022	Week 3/ Module 2 Ch. 2 Cognitive Neuroscience -Weekly Assignment
March 7-March 13, 2022	Week 4/Module 3 Ch. 3 Perception -Weekly Assignment
March 14-March 20, 2022	Week 5/ Module 4 Ch. 4 Attention -Weekly Assignment
March 21- March 27, 2022	Week 6/ Module 5 Ch. 5 Short Term Memory EXAM 1- Chapters 1- -Weekly Assignment
March 28- April 3 rd , 2022	Week 7/Module 6 Ch. 6 Long-term Memory

	-Weekly Assignment
April 4- April 10, 2022	Week 8/ Module 7 Ch. 7 LTM -Weekly Assignment
April 11- April 17, 2022	Week 9/ Module 8 Ch. 8 Every Day Memory and Errors -EXAM 2 Chapters 4-8 -RESEARCH PAPER DUE -Weekly Assignment
April 18- April 22, 2022	Week 10 SPRING BREAK NO CLASSES
April 25- May 1, 2022	Week 11/ Module 9 Ch. 9 Conceptual Knowledge -Weekly Assignment
May 2- May 8, 2022	Week 12/ Module 10 Ch. 10 Visual Imaginary -Weekly Assignment
May 9- May 15, 2022	Week 13/ Module 11 Ch. 11 Language -Weekly Assignment
May 16- May 22, 2022	Week 14/ Module 12 Ch. 12 Problem Solving & Creativity -EXAM 3 Chapters 9-12 -Weekly Assignment
May 23- May 27, 2022	Week 15/ Module 13 Ch. 13 Judgements, Decisions & Reasoning -Weekly Assignment
May 30- June 5, 2022	Week 16 / Module 14 - STUDY GUIDE Chapters 1-13 for Final Exam
June 6- June 10, 2022	Week 17- FINAL EXAM Extra credit due

Subject to change without prior notice