PSY 310 – 2021 Fall

Cognitive Processes
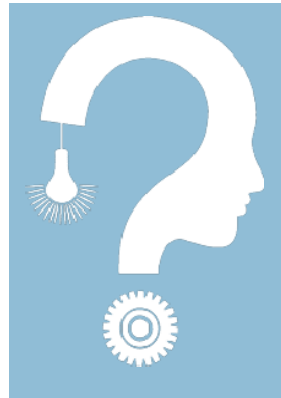
Instructor   Nihan Alp
Email   nihanalp@sabanciuniv.edu

Class Schedule   Wednesdays
& Location   FASS 1076-1078

Class zoom link:

Topic: PSY 310

Time: Sep 29, 2021 02:30 PM Istanbul

     Every week on Wed, 14 occurrence(s)

     Sep 29, 2021 02:30 PM

     Oct 6, 2021 02:30 PM

     Oct 13, 2021 02:30 PM

     Oct 20, 2021 02:30 PM

     Oct 27, 2021 02:30 PM

     Nov 3, 2021 02:30 PM

     Nov 10, 2021 02:30 PM

     Nov 17, 2021 02:30 PM

     Nov 24, 2021 02:30 PM

     Dec 1, 2021 02:30 PM

     Dec 8, 2021 02:30 PM

     Dec 15, 2021 02:30 PM

     Dec 22, 2021 02:30 PM

     Dec 29, 2021 02:30 PM

Please download and import the following iCalendar (.ics) files to your calendar system.

Weekly:

https://sabanciuniv.zoom.us/meeting/tJIkfu2gqDMjHddG6UZaJXeVXxh0oX4rj361/ics?icsToken=98tyKuCupzIuEtKduR6ERowAHYr4LPzwplxEgqdZu0nQOSF5WgbADvpKYr1HRMra

Join Zoom Meeting
https://sabanciuniv.zoom.us/j/96994868973
Meeting ID: 969 9486 8973
Passcode: PSY310

TA   Şahcan Özdemir

Office Hours   TBA
& Location   zoom link: TBA

Course Description

Cognitive psychology is the study of human mind and how it works: how we perceive, remember, and reason. In this course, you will learn how human thought processes are organized, how they affect our everyday behavior, and what are their underling brain mechanisms. Topics include but not limited to perception, attention, memory, imagery, language, expertise, problem solving, and creativity. This course will present an overview of these topics, focusing on understanding major theories, research findings, and their practical applications.

At the end of this course, you should be able to:

- demonstrate the knowledge of the key concepts in cognitive psychology
- use cognitive psychology principles in understanding human behavior

Course Structure

Modules
Course is organized in 3 modules with a separate exam at the end of each module.

Lectures and Readings
The readings from a variety of sources, including chapters and related journal articles, will be uploaded on SuCourse website.

In-Class Demonstrations & Experiments
Lectures will be supplemented by demonstrations of cognitive tests and experiments.

Workload and Evaluation

72 %   Exams

There will be 3 exams in this course. Each exam will involve a mix of multiple choice, true/false and short-answer questions, covering materials from Lectures and assigned readings. In addition, each exam will include questions about presented papers.

- Exams 1, 2 and 3 will make 24%, 24%, and 24% of your grade. Note that all exams and all classes will be held face-to-face.

7 %   Game preparation

Best way of learning is trying to teach it to someone else. Therefore, each week, you will be required to form a group and prepare an interactive learning practice for the upcoming week. Submit min 5 - max 10 pages where you explain the rules of the game and what specific cognitive process it is addressing to & how. When you create the game, you should of course consider the COVID 19 rules. At the end of the semester, we will have a student book of useful games that can be played in cognitive process courses during pandemic. At the end of the course, after we play the game, we will ask everyone to rate its joyfulness and peak the most joyful one. How fun it will be depend on your creativity! Submit your game idea before class on Tuesday latest 23:59.

7 %   Attendance

Attendance will be taken each class.

14 %   Presentation

Each student is required to make one presentation on a topic related to the course materials. The papers for presentations will be posted as the course progresses. You will be recording videos (maximum 10 min) in a fun way. Creativity will play a huge role in here! Submit your videos on Monday latest 23:59.

Bonus   Concluding quiz (max 3 points)

This quiz will be given during the last week of classes.

Academic Integrity

It is the student's responsibility to be familiar with Sabanci University's policies on academic integrity, cheating and plagiarism (http://www.sabanciuniv.edu/en/academic-integrity-statement). The assignments and exams you complete for this course should be the results of your own work and reflect your own understanding of the material. Scholastic dishonesty of any kind will not be tolerated.

Bonus RP-points for Research Participation

Students can optionally serve as participants in research that is run by Sabanci University researchers. By participating in research, you can get extra points. For this course, you will be able to earn up to 10 research points (1 credit equals ~ 30 minutes of research participation). These 10 RP points will be converted to 5 points added to your overall total at the end of the semester. More information on the available research projects will be provided during the semester. You will be able to sign up for the experiments and get your research participation credits through the online Sona system at http://sabanciuniv.sona-systems.com. Please, carefully read the Guide for Students: Sabancı University Experiment Credits System (Sona).

Course Schedule

Week 1	Introduction to Science of Cognition
Week 2	Learning
Week 3	Attention
Week 4	Attention & Perception
Week 5	**EXAM 1**
Week 6	Perception
Week 7	Perception and Imagery
Week 8	Imagery
Week 9	**EXAM 2**
Week 10	Imagery and Memory
Week 11	Memory
Week 12	Language
Week 13	**EXAM 3**
Week 14	From Face Perception to Social Cognition