**PSY 310 – 2022-2023 Spring**

**Cognitive Processes**

**Instructor** Nihan Alp

**Email** nihanalp@sabanciuniv.edu

**Class Schedule** Wednesdays 11:40-12:30 / Thursday 8:40-10:30

**& Location** FASS 1001-1001A

**TA Ecem Tavacioglu**

**Office Hours** TBA

**& Location** FASS 1074 C /

# Attention

# "We may have to revise the course plan according to the reassessment to be made country-wide, regarding higher education, at the beginning of April. The content to be delivered is certain but the method of course delivery, the number and dates of exams, and some other details are subject to change."

# 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 will be held face-to-face. However, in case of need we will use following zoom link to meet online

Zoom link: (<https://sabanciuniv.zoom.us/j/99831320323>

Meeting ID: 998 3132 0323

Passcode: 463820

## % Attendance

## You show up for each class. I may not know your name the first week, but I learn fast, plus I am very good at remembering faces ;) You try to make a meaningful contribution to the class in general. This doesn’t mean you have to say something at each class. It just means that you can pay attention to the lecture (i.e., not looking at your phone or random websites on your laptop or your friend’s laptop), able to ask questions for clarification if something is not clear, and also be able to answer a question here and then when I pose a question to the entire class.

## 14 % Presentation

Each student is required to make one presentation on a topic related to the course materials. Best way of learning is trying to teach it to someone else. Submit 3-5 slides long power point presentation (Intro, Method, Discussion). The papers for presentations will be posted as the course progresses.

## 6 % Quiz

The quiz will be given during the last week of the class. It will cover the subject of the last week.

# 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-](http://www.sabanciuniv.edu/en/academic-integrity-statement) [statement](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 20 research points (1 credit equals ~ 30 minutes

of research participation). These 20 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](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**  Perception

**Week 6**  Perception and Imagery

**Week 7**  Imagery

**Week 8**  Imagery and Memory

**Week 9**  **EXAM 1**

**Week 10**  Memory

**Week 11**  **EXAM 2**

**Week 12**  Language

**Week 13** **EXAM 3**

**Week 14** From face to social cognition / Conclusion Quiz / presentations **\*class time may differ depending on conference schedule – VSS 2023**