**PSY 315**

**MEMORY**

Fall 2022

Sabancı University

<https://sabanciuniv.zoom.us/j/5507131644?pwd=TFJDVDVHUFNyL0NxT09UTGxSelh5Zz09>

Meeting ID: 550 713 1644

Passcode: memory22

Instructor Çağla Aydın

Teaching assistants Yağmur Damla Şentürk

Selma Berfin Tanış

Class hours Monday 13:40-15:30

Wednesday 10:40-11:30

Course Description Everything we know is derived from memory and reflects memory for past experiences. This course will provide a broad introduction to the psychological science of memory, theory, research and applications. Where relevant, we will examine what happens when parts of it break down. We will also cover developmental changes in memory quality across the lifespan. Throughout the semester, we will contrast experimental laboratory studies with studies conducted under more “real-world” conditions.

Lectures will be recorded by the teaching team. The class will meet for panel discussions online each week on Wednesday.

Course Text Readings will consist of a selection from various mainstream textbooks as well as review/theoretical papers. A selection of empirical research articles will also be available for each week to be discussed by the class members. These will be made available on SuCourse by the teaching team.

**Grading.**

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| --- | --- |
|  | TOTAL : 100 points |
| Midterm Exam | 20 points |
| Final Exam | 30 points |
| Assignment | 15 points |
| Group Discussion | 15 points |
| Attendance | 10 points |
| Thought Questions | 10 points |

**Exams.**

One in-class midterm and a final.

Any special accommodations or requests for testing at an alternative time must be submitted

to the instructor prior to the exam. If you miss an exam, the ONLY time there will

be make-up exams is when you provide official documentation of your or your family

members’ illness. Medical excuses need to be approved by the Health Center (SU).

**Assignment.**

Translational science writing piece. Based on the research article you were assigned to, you will write a popular science piece- basically you will “translate” the scientific terminology to lay people without any knowledge in memory science. More details will be provided.

**Group Discussion.**

A group discussion will take place on Wednesdays each week. Discussants for that week will join a roundtable discussion on the specifics of the article they were assigned to. The discussion will be based on structured questions (these will be available beforehand) and led by the teaching team. More information on the group discussion will be provided during the first lecture.

**Thought Questions.**

Class members are expected to post questions about that week’s topic/reading on SuCourse.

They are due each Sunday at 18.00. They will be graded out of 2 (0 = no submission, 1 =

questions submitted simply for the sake of submitting, 2 = actual thought questions).

**Research Participation (Extra Points)**

Students can optionally serve as participants in research that is run by Sabancı University researchers. By participating in research, you can get extra points. For this course, you will be able to earn up to 3 extra points. Six research points (1 research point equals ~ 30 minutes of research participation) will be converted to 3 bonus 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 points through the online Sona system at http://sabanciuniv.sona-systems.com

Please carefully read the Guide for Students: Sabancı University Experiment Credits System

(Sona) posted on SUCourse.

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| **A** | 100-90 | **A-** | 89.99-85 | **B+** | 84.99-80 |
| **B** | 79.99-75 | **B-** | 74.00-70 | **C+** | 69.99-65 |
| **C** | 64.99-60 | **C-** | 59.99-55 | D+ | 54.99-50 |
| **D** | 49.99-45 | **F** | 44.99-0 |  |  |

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| **Week** |  |  | **Notes** |
| **1** | Oct 3-5 | **Overview and History**  Read:  “The Abyss”  Watch:  “Memory, explained” | No discussion class on Wednesday.  Watch the documentary. |
| **2** | Oct 10-12 | **Sensory Memory & Short Term Memory**  Read:  “..................................................................” | Wednesday class: Formal lecture  Thought questions begin  Articles will be assigned. |
| **3** | Oct 17-19 | **Short Term Memory & Working Memory**  Read:  “..................................................................” | Wednesday group discussions begin. |
| **4** | Oct 24-26 | **Not all memory is conscious: Learning and memory**  Read:  “..................................................................” |  |
| **5** | Oct 31- Nov 2 | **Episodic Memory**  Read:  “..................................................................” |  |
| **6** | Nov 7-9 | **Semantic Memory**  Read:  “..................................................................” |  |
| **7** | Nov 14 |  | Exam |
| **8** | Nov 21-23 | **Autobiographical Memory**  Read:  “..................................................................” |  |
| **9** | Nov 28-30 | **Retrieval and Forgetting**  Read:  “..................................................................” |  |
| **10** | Dec 5-7 | **Developmental Part I: Memory in Childhood**  Read:  “..................................................................” |  |
| **11** | Dec 12-14 | **Developmental Part II: Aging and Memory**  Read:  “..................................................................” |  |
| **12** | Dec 19-21 | **Applied Issues: Memory and the Law**  Read:  “..................................................................” | Translational science piece is due. |
| **13** | Dec 26-28 | **Applied Issues: Other**  Read:  “..................................................................” |  |
| **14** | **Jan 2-4** | Recap |  |