

## COGS 553 – Psychology of Reading – Fall 2016-2017

**Instructor:** Asst. Prof. Dr. Cengiz Acartürk  
**Schedule:** Wednesday, 08:40-11:30, Classroom S03  
**Contact:** Informatics Institute B-203, [acarturk@metu.edu.tr](mailto:acarturk@metu.edu.tr)  
**Course website:** <https://metuclass.metu.edu.tr/>

**Course Objectives.** The course will review research on psychological processes related to reading starting from the more perceptual and proceeding towards conceptual and global issues. The early part of the course will deal with word identification. Then issues related to models of eye movement control in reading will be covered. Finally, comprehension at higher levels, including sentence comprehension and discourse comprehension will be covered.

### Tentative Outline

Day	Topic
October 5	Introduction to the course
October 12	Background in cognitive psychology
October 19	Writing systems
October 26	No classes* (substitute class on January 11)
November 2	Visual letter recognition
November 9	Visual word recognition
November 16	Morphological processes in reading
November 23	Word meaning and inner speech
November 30	Cognitive neuroscience of reading
December 7	Midterm Exam
December 14	Eye movements and information processing
December 21	Eye movements in reading
December 28	Models of eye movement control in reading
January 4	Sentence comprehension
January 11*	Discourse comprehension
January 18	Student Presentations

**Text Book.** Course material consists of journal papers and book chapters. Below are some reference sources. Further sources will be announced during the lecture hours.

Dehaene, S. (2009). *Reading in the brain: The new science of how we read*. Penguin Books.

Holmqvist, K., Nyström, M., Andersson, R., Dewhurst, R., Halszka, J., & van de Weijer, J. (2011). *Eye tracking: A comprehensive guide to methods and measures*. Oxford University Press.

Kliegl, R., Nuthmann, A., & Engbert, R. (2006). Tracking the mind during reading: The influence of past, present, and future words on fixation durations. *Journal of Experimental Psychology: General*, 135, 12-35.

Rayner, K. (1998). Eye movements in reading and information processing: 20 years of research. *Psychological Bulletin*, 124(3), 372-422.

Rayner, K., Pollatsek, A., Ashby, J., & Clifton, C. (2012). *The psychology of reading*. Second Edition. Psychology Press.

**Grading.** Class Assignments (%30), Midterm Exam (%25), Student Presentation and Report (%35), Attendance and Participation (%10)

### Notes

- Please contact me if you need disability accommodations.
- Please do not expect an immediate reply to your e-mail. It may take up to three days before a reply.

The course schedule, the course content and the grading schedule in this syllabus may be modified at any time by the course instructor. Such changes will be announced in class hours.