School:  Baruch Ivcher School of Psychology

Cognitive Processes B - attention and language

Lecturer:  
Prof. Daniel Levy  daniel.levy@idc.ac.il

Tutors:  
Prof. Daniel Levy  daniel.levy@idc.ac.il

Teaching Assistant:  
Ms. Jenna Gellman  Jenna.Gellman01@post.idc.ac.il

Course No.:  8939  Course Type :  Lecture  Weekly Hours :  2  Credit:  4

Course Requirements :  Group Code :  221893910  Language:  English

Prerequisites

Prerequisite:  
8000 - Introduction To Psychology
8936 - Cognitive Processes A sensation and perception OR 8020 - Introduction to Cognitive Psychology
Course Description

In this course we will explore the worlds of language, attention, knowledge, and intelligence, and attempt to understand the brain bases of those functions. We will consider the organization of knowledge in the mind, including categorical knowledge and the lexicon. We will try to understand the processes of understanding language, producing speech, reading, and writing. We will also get acquainted with cognitive and neuropsychological disorders such as ADHD, hemispatial neglect, aphasia, dyslexia, and dysexecutive function, and how they might be treated. Other questions to be discussed: How do we solve intellectual and practical problems (reasoning, induction, deduction, and inference)? What is required for us to multi-task? What is intelligence? Are there really gender differences in cognition?

Course Goals

- To provide an understanding of the fundamentals of psycholinguistics
- To introduce models of the organization of knowledge in the mind and brain
- To present various types of attention and executive function
- To explore thinking patterns associated with inductive and deductive reasoning and with problem solving
- To consider the concept of intelligence and its implications

Grading

3 in-class quizzes, 5% each; 2 in-class mini-quizzes, 2.5 % each - dates on syllabus

1 short assignment, 5%; 1 medium-length assignment, 10%; 1 long assignment, 15% - submission dates on syllabus

Final exam, 50%

Learning Outcomes

Aside from being aware of the state of scientific knowledge about these topics in
cognitive science (assessed in the quizzes and exam), you should be able to use that knowledge to explore and explain phenomena and challenges in human experience in light of a cognitive viewpoint (assessed in the assignments).

Lecturer Office Hours
Prof. Daniel Levy, Zoom or live, by appointment: daniel.levy@idc.ac.il

Tutor Office Hours
Prof. Daniel Levy, Zoom or live, by appointment: daniel.levy@idc.ac.il

Teaching Assistant
Jenna Gellman, by appointment: gellmanjenna@gmail.com

Additional Notes

Assignments

Details about the requirements of the assignments will be on the Moodle, in the section about the week of submission

Assignment 1 Being multilingual – advantages and disadvantages

Assignment 2: Interview of person with ADHD

Assignment 3: What is emotional intelligence?

Reading List

Textbooks:


Dąbrowska, E. (2015). What exactly is Universal Grammar, and has anyone seen it?.


