Course description
Cognitive Psychology 2.
Leading Lecturer: Anett Ragó

Aim of the course

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To review the most important experimental methods and paradigms of cognitive psychology in the topics of perception, attention, cognitive control, learning, memory, language, thinking and problem solving. The presented exparimental paradigms and the tasks are also useful help for successfully cpmpleting the comprehensive exam.

Learning outcome, competences
knowledge:

- acknowledgeing the genral structure and reason of designing experiments
- introduction to basic experimental paradigms
- undertanding the imponrtance of making experiments

attitude:

- realization of the importance of experimental methods

skills:

- understanding the methodological part of scientific papers
- acquitition of the skill of understanding the visually represented results
- acquisition of a critical and alanytic attitude

Content of the course

Topics of the course

1. Introduction & how to write a research report
2. Vision: faces and complex patterns
3. Auditory attention: localization
4. Learning: creating habits
   1st Homework deadline (Introduction)
5. Working memory
6. Declarative memory
   2nd Homework deadline (Method)
7. Midterm
8. Categorization
9. Decision making
   3rd Homework deadline (Results)
10. Intentionality
11. Cognitive control
    4th Homework deadline (Abstract)
13. Final exam/ Midterm re-take

Deadline of re-take homework

14. Final exam re-take/Closure

Learning activities, learning methods

Evaluation of outcomes

Learning requirements, mode of evaluation, criteria of evaluation:
requirements

- Written exams (midterm+final)

2 x 25 = 50 points

- Presentations (10-15 min)

10 points
presentation about the theoretical background of the actual class, paired work

- Homework

4 x 5 = 20 points
short (approx. half page) written summaries of different parts of experiments (theoretical background, description of methods, results, abstract)
Two from each part, only the better one will count in the end of the semester
Deadline: see the detailed syllabus

- Final paper

20 points
full lab report: short (1-2 pages) written summary of one individually chosen experiment: introduction, stimuli, methods, results, discussion, references

Deadline:

Regular attendance, max. 3 misses (except the first practice)

Reading list

Compulsory reading list

- Sekuler, R., & Blake, R. (2006). *Perception*. New York, NY: McGraw-Hill.
- Baddeley, A., Eysenck, M. W., & Anderson, M. C. (2009). *Memory*. Hove, UK: Psychology Press.
- Eysenck, M. W., & Keane, M. T. (2005). *Cognitive Psychology. A Student's Handbook*. 4th Edition. Hove; New York: Psychology Press.

Recommended reading list

- Atkinson & Hilgard's *Instroduction to psychology. 15th edition.* (2015). Cengage Learning.
- Baddeley, A. D. (1997). *Human memory: Theory and practice*. Psychology Press.