Name of Course
Cognitive Psychology, Part 2

<table>
<thead>
<tr>
<th>Professor:</th>
<th>Nikolay Ratchev</th>
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<tbody>
<tr>
<td>Type of course</td>
<td>Degree of education</td>
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<tr>
<td>Core</td>
<td>bachelor</td>
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<tr>
<td>Year of Education</td>
<td>Semester</td>
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<tr>
<td>Second</td>
<td>Third</td>
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<tr>
<td>Credits</td>
<td>Hours</td>
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<tr>
<td>6.5</td>
<td>30 hours of lectures+ 30hours of seminars</td>
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<tr>
<td>Form of education</td>
<td>Language of education</td>
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<td>Full-time education</td>
<td>Bulgarian</td>
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Evaluation
A multiple-choice final test and a term paper

Prerequisites
Course assignment requires knowledge in Cognitive psychology - part 1, Psycholinguistics, Experimental Psychology - Part 1&2.

Course Objectives
Upon completion of the course, students are expected to:
- Have knowledge of the main approaches in the study of thinking (defined as problem solving, judgments and decision making, categorization, and deductive reasoning)
- Have knowledge of up-to-date studies of the influence of language and culture on cognitive processes, intelligence, and learning;
- Develop their critical skills of analyzing psychological research;
- Develop their practical skills of planning, conducting, and presenting empirical research in cognition (through the empirical project)

Grade components
- Participation in seminars: 17%
- Empirical Study: 33%
- Multiple-Choice Test: 50%

Lectures and seminars

1. Problem Solving
Gestaltist and information-processing approaches to problem solving. The problem solving cycle. Types of problems. Obstacles and aids to problem solving.

2. Creativity and Expertise
Problem solving and creativity. Creativity as a process, a product, a situation or a personality trait. Factors influencing the creative process. Organization of expert
knowledge. Differences in information processing between experts and novices. Real and make-believe expertise.

3. **Makin Judgments**

4. **Decision Making**

5. **Deductive Reasoning**

6. **Categorization**

7. **Non-literal language processing**

8. **Thinking, language, and cultural practices**

9. **Psychometric and cognitive approaches to intelligence**
   Psychometric approach to intelligence: Holistic and factor theories. Information processing and intelligence. Working memory and the distinction between linguistic and spatial ability.

10. **Alternative approaches to intelligence**

11. **Behavioristic and cognitive models of learning**
    Classic and operant conditioning. Learning through imitation. Types of learning: motor, cognitive, and mixed skills. The role of hypothesis testing in concept learning. The law of
effect and the terminal insight model. Implication of cognitive learning research on the idea of “learning from experience”.

References

Required references


Additional references


Standards of Academic Integrity

Generally, academic fraud and dishonesty include, but are not limited to the following categories: cheating, fabrication, plagiarism, multiple submissions, etc.

- **Cheating**: Using unauthorized notes, aids or information on an examination; altering a graded work prior to its return to a faculty member, allowing another person to do one’s own work and submitting it for grading.
- **Fabrication**: Inventing or falsifying information, data or citation; presenting data gathered outside of acceptable professorial guidelines; failing to provide an accurate account of how information, data or citations were gathered; altering documents affecting academic records; forging signatures or authorizing false information on an official academic document, grade, letter, form or any other university document.
- **Plagiarism**: Submitting material that in part or whole is not one’s own work; submitting one’s own work without properly attributing the correct sources of its content.
- **Multiple Submissions**: Submitting identical papers or course work for credit in more than one course without prior permission of the instructor.

A breach of ethics or act of dishonesty can result in:
- failure of an entire course (blatant plagiarism, cheating on a test or quiz)
- academic suspension or expulsion from the university.