COGNITIVE PSYCHOLOGY

(1) GENERAL

SCHOOL	SCHOOL OF HEALTH SCIENCES		
ACADEMIC UNIT	DEPARTMENT OF SPEECH AND LANGUAGE THERAPY		
LEVEL OF STUDIES	GRADUATE PROGRAMME (LEVEL 6)		
COURSE CODE	**slt – 41**	**SEMESTER**	4
COURSE TITLE	COGNITIVE PSYCHOLOGY		

INDEPENDENT TEACHING ACTIVITIES *if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits*	**WEEKLY TEACHING HOURS**	**CREDITS**
Lectures	2	5
Interactive Teaching	1	

COURSE TYPE *general background, special background, specialised general knowledge, skills development*	Specialised General Knowledge
PREREQUISITE COURSES:	
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek & English
IS THE COURSE OFFERED TO ERASMUS STUDENTS	Yes
COURSE WEBSITE (URL)	www.slt.ioa.teiep.gr

(2) LEARNING OUTCOMES

Learning outcomes

The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described.

Consult Appendix A

- *Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area*
- *Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B*
- *Guidelines for writing Learning Outcomes*

This course is the basic introductory course of general and more specified concepts of cognitive psychology. It aims to introduce students to the study of human's cognitive functions as well as of their neurophysiological substrate, such as: brain functions, cognitive development, perception, memory, logical processing, problem-solving, learning, language, as well as concepts and principles of experimental methods in Cognitive Psychology.

In this way, the student will have a comprehensive understanding of theoretical approaches and methodologies in cognitive approach of information, as processed by people with normal

development even people with disorders.

In addition, this course aims to enhance students to understand the importance of cognitive processes management in developmental and acquired disorders.

Upon successful completion of this course the students will be able to:

- *Understand the purpose of the science of Cognitive Psychology and reference areas.* (Level 1 – 3: Knowledge, Skills, Ability)
- *Acquire appropriate skills for understanding and interpreting the cognitive mechanisms and functions in people and disorders through the terms and theoretical approaches to Evolutionary Psychology.* (Level 1 – 3: Knowledge, Skills, Ability)
- *Gain critical thinking and flexibility and inventiveness with regard to the rehabilitation of disabilities in learning, perception, memory, and language that individuals with neurodevelopmental disorders face, commonly.* (Level 1 – 3: Knowledge, Skills, Ability)
- *Management methodological tools and techniques for supporting cognitive processes.* (Level 1 – 3: Knowledge, Skills, Ability)
- *Understand genetic, neurophysiological, psycho-emotional and socio-cultural mechanisms and their effects on expansion and development of the individual.* (Level 1 – 3: Knowledge, Skills, Ability)
- *Comprehend the range in which the cognitive principles are applied throughout the human's development.* (Level 1 – 3: Knowledge, Skills, Ability)

General Competences

Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma Supplement and appear below), at which of the following does the course aim?

Search for, analysis and synthesis of data and information, with the use of the necessary technology	*Project planning and management*
Adapting to new situations	*Respect for difference and multiculturalism*
Decision-making	*Respect for the natural environment*
Working independently	*Showing social, professional and ethical responsibility and sensitivity to gender issues*
Team work	*Criticism and self-criticism*
Working in an international environment	*Production of free, creative and inductive thinking*
Working in an interdisciplinary environment	*……*
Production of new research ideas	*Others…*
	…….

- *Demonstrate social, professional and ethical responsibility and sensitivity to gender issues*

Adapting to new situations

- *Decision-making*
- *Working in a multidisciplinary environment*
- *Respect for difference and multiculturalism*

Criticism and self-criticism

- *Production of free, creative and inductive thinking*

(3) SYLLABUS

The course is developed in 13 sections:

1. The concept of Cognition
2. The science of Cognitive Psychology / The subject of Cognitive Psychology
3. Mental Models of Reality

4. Research Methods in Cognitive Psychology
5. Ethical issues / questions of cognitive psychology
6. Neuro-psycho-physiological mechanisms
7. Central Nervous System: Cognitive functions
8. Peripheral Nervous System / Sensors: Cognitive functions
9. Perception / Organization of information
10. Memory / Types / Mechanisms
11. Learning / Learning Theories
12. Attention, Conscience, ThoughtDecision making / Resolving problems

13. TEACHING and LEARNING METHODS - EVALUATION

<table>
<tr><td>DELIVERY
Face-to-face, Distance learning, etc.</td><td>Face-to-face in the classroom</td></tr>
<tr><td>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY
Use of ICT in teaching, laboratory education, communication with students</td><td>Use of ppt in teaching, use of moodle platform in communication with students</td></tr>
<tr><td>TEACHING METHODS
The manner and methods of teaching are described in detail.
Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.
The student's study hours for each learning activity are given as well as the hours of non-directed study according to the principles of the ECTS</td><td>
<table>
<tr><th>Activity</th><th>Semester workload</th></tr>
<tr><td>Lectures</td><td>26</td></tr>
<tr><td>Interactive Teaching</td><td>13</td></tr>
<tr><td>Presentaion/Discussion of Educational film</td><td>20</td></tr>
<tr><td>Writing work</td><td>30</td></tr>
<tr><td>Personal Study and analysis of literature</td><td>36</td></tr>
<tr><td>Course total</td><td>125</td></tr>
</table>
</td></tr>
<tr><td>STUDENT PERFORMANCE EVALUATION
Description of the evaluation procedure
Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical examination of patient, art interpretation, other
Specifically-defined evaluation criteria are given, and if and where they are accessible to students.</td><td>I. Written final exam (60%) comprising:
- Multiple-choice questions
II. Individualized Projects (20%)
III. Mid-term evaluation (20%)
Specifically-defined evaluation criteria are given, and they are accessible to students in moodle
The final exams will be offered in Greek & English</td></tr>
</table>

14. ATTACHED BIBLIOGRAPHY

- *Suggested bibliography:*

1. Goldstein, B. (2018). Cognitive Psychology. (Eds. Makris, N.) Athens Gutenberg.
2. Eysenck, M.W. (2010). Basic Principles of Cognitive Psychology (Eds., Vasilaki, E.). Athens Gutenberg.
3. Vosniadou, S. (2004). Cognitive Science: The New Science of Mind. Athens Gutenberg.

-Related academic journals:

- *Neuropsychologia: www.elsevier.com/locate/neuropsychologia*
- *Journal of Experimental Child Psychology: www.elsevier.com/locate/jecp*
- *Cognitive Psychology: http://ees.elsevier.com/cogpsy/*
- *Journal of Cognitive Psychology: https://www.tandfonline.com*