

Study program		Level of studies		Third cycle			
		Title of the study program		Science and mathematics education			
COURSE							
Course title		Cognitive psychology					
Course ID	Semester	Course status		ECTS credits	Contact hours		
EDU602	I	Mandatory		7	60		
Lecturers	Lecturer in charge		Prof. dr. Nermin Đapo				
	Other lecturers						
Course aims	Becoming familiar with cognitive basis of learning and teaching in school and other context. Developing theoretical knowledge which should provide better understanding of issues in education science. Developing knowledge and skills which should provide effective and organized teaching process.						
CONTENT							
#	Teaching units			Contact hours			
				L	E/S	C	
	<ul style="list-style-type: none"> • Cognitive psychology in educational science; Approaches in cognitive psychology • Perception and attention • Memory: structures and process • Cognitive theory of learning • Implicit learning • Knowledge representation and organization • Thinking and problem solving; Creative thinking • Metacognition • Cognition, motivation and emotion • Cognitive psychology in classroom 			30	30		
LITERATURE			ASSESSMENT OF LEARNING				
<ol style="list-style-type: none"> 1. Sternberg, R.J. (2005). <i>Kognitivna psihologija</i>. Naklada Slap. Jastrebarsko. 2. Zarevski, P. (1994). <i>Psihologija pamćenja i učenja</i>, Naklada Slap. Jastrebarsko. 3. Rathus, S. A. (2000). <i>Temelji psihologije</i>. Naklada Slap. Jastrebarsko. 4. Sawyer, R.K. (Ed.). (2006). <i>The Cambridge Handbook of the Learning Sciences</i>. Cambridge University Press. 5. Slavin, R.E. (2006) <i>Educational Psychology: Theory and Practice</i> (Edition 8), Allyn & Bacon, Boston. 6. Lamberts, K. & Goldstone, R. L. (Eds). (2005). <i>Handbook of Cognition</i>. Sage Publications. 7. Galotti, K.M. (2008). <i>Cognitive Psychology: In and Out of the Laboratory</i>, (IV Edition). Thomson Wadsworth. 8. Goldstein, E. B (2011). <i>Cognitive Psychology: Connecting Mind, Research, and Everyday Experience</i>. Wadsworth, Cengage Learning 9. Shell, D.F., Brooks, D. W., Trainin, G., Wilson, K. M., Kauffman, D. F., Herr, L. M. (2010). <i>The Unified Learning Model. How Motivational, Cognitive, and Neurobiological Sciences Inform Best Teaching Practices</i>. Springer Science+Business Media. 			Assessment method		Points	Threshold	
			1.	Partial exams		30	16
			2.	Seminar papers		30	17
			3.	Final exam		40	22
			4.				
			Total	100	55		