

Study program: Class Teacher Education				
Type and level of studies: Bachelor studies, first cycle degree program				
Course unit: Teaching practice in Mathematics				
Teacher in charge: Nenad Vulovic, PhD, assistant professor				
Language of instruction: English				
ECTS: 7 ECTS, mandatory				
Prerequisites: student must pass exam in Methodology of Teaching Mathematics (lower primary)				
Semester: Winter and summer semester (VII and VIII)				
Course unit objective Introducing students to: practical teaching of mathematics from first to fourth primary grades; use of modern technology in teaching mathematics; methodological transformation of programs; modeling different types of classes; adjustments of content capabilities to each student; self-assessment, self-monitoring and evaluation of students' work				
Learning outcomes of Course unit Upon completion of this course, students will be able to: shape, modify and perform methodical transformation of mathematical content from first to fourth primary grade; adjust the mathematical content to children by creating individual education plan; prepares teaching hours and practically implemented the program content; carried out a methodical analysis of classes which they perform or their colleagues.				
Course unit contents <i>Theoretical classes</i> Educational standards in mathematics for the end of the first cycle of compulsory education; Evaluation of written preparations for working hours and evaluation of working hour; individual educational plan in mathematics; working with pupils showing special interest in mathematics. <i>Practical classes</i> Design and methodical transformation of mathematical contents in curriculum from first to fourth primary grade; preparation mathematical lessons; Evaluation and self-evaluation of math class; writing and implementation of individual educational plan.				
Literature Skemp, R. R. (1971). <i>The Psychology of Learning Mathematics</i> . London: Penguin Books. Anghileri, J. (2001). <i>Principles and Practices in Arithmetic Teaching (Innovative approaches for the primary school)</i> . Buckingham: Open University Press. Bolt, B., Hobbs, D. (1993). <i>101 mathematical projects</i> . Cambridge: Cambridge University Press. <i>Different textbooks which children use in school.</i>				
Number of active teaching hours				Other classes
Lectures: 30	Practice: 60	Other forms of classes	Independent work: 25 hours	
Teaching methods Lectures, practice, student independent work.				
Examination methods (maximum 100 points)				
Exam prerequisites	No. of points:	Final exam	No. of points:	
Student's activity during lectures	5	oral examination	25	
practical classes/tests	50	written examination	20	
Seminars/homework			
Project				
Other				

Grading system		
Grade	Number of points	Description
10	91-100	Excellent
9	81-90	Exceptionally good
8	71-80	Very good
7	61-70	Good
6	51-60	Passing
5	≤ 50	Failing