(Table 5.2) Course unit description

Study program : Class Teacher Education, Pre-School Teacher Education, Boarding School Teacher Education
Type and level of studies: Bachelor studies

Course unit: ICT in Education

Teacher in charge: Professor Danimir Mandić, Verica Milutinović

Language of instruction (English or other foreign language) English

ECTS: 3

Prerequisites: none

Semester (Winter Semester or Summer Semester) Summer Semester

Course unit objective

This course, aiming to equip students with the basic principles and skills in designing and developing subject-based teaching materials by adopting traditional and computerized approaches, emphasizes applications of technology in education in the primary school context. Topics include the selecting, editing and producing of suitable learning materials, and the understanding and use of multimedia and Web 2.0 to improve teaching quality in primary schools.

Learning outcomes of Course unit

The student is able to create, evaluate and use multimedia educational software, Web 2.0 and all other aspects of modern ICT in the classrooms. Student knows when, how and which contemporary media to apply in different situations in the classrooms.

Course unit contents

Theoretical classes

Educational Software in elementary school (design, and analysis). Software for creating presentations, internet and communication technologies. Hypermedia in education and their role in the individualization of instruction. Web 2.0 technologies in education. The combination of traditional methods and forms of work with distance education.

Practical classes

Processing of video materials, design and development of educational video materials. Use of Web 2.0 technologies in education.

Literature

Newby, T. (2000). Instructional technology for teaching and learning. Upper Saddle River, N.J.: Merrill. Buckingham, D. (2007). Beyond technology. Cambridge: Polity.

Number of activ	Other classes			
Lectures: 0,5	Practice: 1	Other forms of classes:mentoring system	Independent work:	

Teaching methods

Examination methods (maximum 100 points)					
Exam prerequisites	No. of points:	Final exam	No. of points:		
Student's activity during lectures 10		oral examination	30		
practical classes/tests	20	written examination	20		
Seminars/homework	10				
Project	10				
Other					

Grading system

Grade	No. of points	Description	
10	95-100	Excellent	
9	85-94	Exceptionally good	

8	75-84	Very good
7	65-74	Good
6	55-64	Passing
5	0-54	Failing