

Faculty of Philosophy / PEDAGOGY / Educational technology

| | | | | |
|--------------------------------------|---|-----------------|---------------------|---|
| Course: | Educational technology | | | |
| Course ID | Course status | Semester | ECTS credits | Lessons (Lessons+Exercises+Laboratory) |
| 13343 | Mandatory | 3 | 5 | 3+2+0 |
| Programs | PEDAGOGY | | | |
| Prerequisites | There are no requirements for registering and listening to the subject | | | |
| Aims | Familiarizing students with the concept and roles of modern educational technology in the educational process, and the types and characteristics of modern educational media in the teaching and learning process. Training students for rational choice and effective application of educational media in the teaching and learning process. | | | |
| Learning outcomes | After the student passes this exam, he will be able to: 1. Identifies and understands the need for continuous innovation of teaching organization with the application of appropriate educational media; 2. Understands the concept, function and elements of the communication process; 3. Independently conducts studies on a specific problem in the field of educational technology; 4. Creates a multimedia presentation; 5. Connects compatible media, creating a multimedia environment in the classroom; 6. The government uses modern learning strategies as prerequisites for creating optimal conditions for the organization of teaching and learning; 7. The Internet and other electronic sources of knowledge are used successfully in the educational process; 8. It has a preventive effect on the misuse of information and communication technology. | | | |
| Lecturer / Teaching assistant | dr Mirko Đukanović, mr Krtolica Milena | | | |
| Methodology | Lectures and discussions; individual activity and engagement of students; written treatment of the given topic; consultations and ongoing verification of knowledge in the function of more efficient preparation of students for the final exam. | | | |
| Plan and program of work | | | | |
| Preparing week | Preparation and registration of the semester | | | |
| I week lectures | Basic educational and technological terms | | | |
| I week exercises | Basic educational and technological terms | | | |
| II week lectures | The relationship between educational technology and didactics | | | |
| II week exercises | The relationship between educational technology and didactics | | | |
| III week lectures | Educational technological innovations and their repercussions on the organization of teaching and learning | | | |
| III week exercises | Educational technological innovations and their repercussions on the organization of teaching and learning | | | |
| IV week lectures | Programmed teaching and its impact on the development of educational technology | | | |
| IV week exercises | Programmed teaching and its impact on the development of educational technology | | | |
| V week lectures | Concept, function and elements of the communication process | | | |
| V week exercises | Concept, function and elements of the communication process | | | |
| VI week lectures | Organization of teaching and learning in the new media environment | | | |
| VI week exercises | Organization of teaching and learning in the new media environment | | | |
| VII week lectures | Sources, carriers and mediators of educational and teaching information | | | |
| VII week exercises | Sources, carriers and mediators of educational and teaching information | | | |
| VIII week lectures | Concept, role and division of educational media | | | |
| VIII week exercises | Concept, role and division of educational media | | | |
| IX week lectures | Technological applications in education (film, video, internet, distance learning, virtual reality) | | | |
| IX week exercises | Technological applications in education (film, video, internet, distance learning, virtual reality) | | | |
| X week lectures | Importance and role of multimedia | | | |
| X week exercises | Importance and role of multimedia | | | |
| XI week lectures | Educational technology in the function of presentation of teaching content | | | |
| | | | | |

ECTS catalog with learning outcomes

University of Montenegro

| | | | | | | |
|---|---|--|--|--|--|------------------------------------|
| XI week exercises | Educational technology in the function of presentation of teaching content | | | | | |
| XII week lectures | The concept and role of the school media library | | | | | |
| XII week exercises | The concept and role of the school media library | | | | | |
| XIII week lectures | Analysis and evaluation of the effectiveness of educational technology achievements | | | | | |
| XIII week exercises | Analysis and evaluation of the effectiveness of educational technology achievements | | | | | |
| XIV week lectures | Studying the position of students and teachers in the educational and technological environment | | | | | |
| XIV week exercises | Studying the position of students and teachers in the educational and technological environment | | | | | |
| XV week lectures | Advantages, ethical limitations and possible risks of applying information and communication technology | | | | | |
| XV week exercises | Advantages, ethical limitations and possible risks of applying information and communication technology | | | | | |
| Student workload | Weekly 5 credits x 40/30 = 6 hours and 40 minutes Structure: 3 hours of lectures 2 hours of exercises 2 hours 40 minutes of independent work including consultations In the semester Lessons and final exam: 6 hours and 40 minutes x16=106 hours and 40 minutes Necessary preparations before the beginning of the semester (administration, registration, certification) 2x 6 hours and 40 minutes = 13 hours and 20 minutes Total workload for the subject 5x30=150 hours Supplementary work for exam preparation in the make-up exam period, including taking the make-up exam from 0 to 30 hours Load structure: 106 hours 40 min (Teaching) + 13 hours 20 min (Preparation) + 30 hours (Supplementary work) | | | | | |
| Per week | | | Per semester | | | |
| 5 credits x 40/30=6 hours and 40 minutes 3 sat(a) theoretical classes 0 sat(a) practical classes 2 exercises 1 hour(s) i 40 minutes of independent work, including consultations | | | Classes and final exam: 6 hour(s) i 40 minutes x 16 =106 hour(s) i 40 minutes Necessary preparation before the beginning of the semester (administration, registration, certification): 6 hour(s) i 40 minutes x 2 =13 hour(s) i 20 minutes Total workload for the subject: 5 x 30=150 hour(s) Additional work for exam preparation in the preparing exam period, including taking the remedial exam from 0 to 30 hours (remaining time from the first two items to the total load for the item) 30 hour(s) i 0 minutes Workload structure: 106 hour(s) i 40 minutes (courses), 13 hour(s) i 20 minutes (preparation), 30 hour(s) i 0 minutes (additional work) | | | |
| Student obligations | | | Students are required to attend classes, participate in discussions, actively participate in practicing and using media in the teaching process, and take two knowledge tests. Students prepare one paper on a given topic and participate in the discussion after its presentation | | | |
| Consultations | | | Tuesday, 13.00-14.30 h | | | |
| Literature | | | Bezić, K. (1983): Tehnologija nastave i nastavnika, „Pedagoško-književni zbor“, Zagreb. 1. Blažić, M. (2007): Obrazovna tehnologija, „Učiteljski fakultet“, Vranje. 2. Danilović, M. (1993): Savremena obrazovna tehnologija, „Institut za pedagoška istraživanja“, Beograd. 3. Mandić, D. (2010): Internet tehnologije, „Čigoja“, Beograd. 4. Mijanović, N.(2002): Obrazovna tehnologija, „Obod“, Cetinje-Podgorica. 5. Vlahović, B. (1993): Transfer inovacija u obrazovanju, „Naučna knjiga“, Beograd. | | | |
| Examination methods | | | - Two tests with 20 points (40 points in total); - Final exam with 50 points; - Regular attendance at classes and active participation, 4 points; - A passing grade is obtained if at least 51 points are accumulated cumulatively. - Creation of one homework on a given topic, 6 points; | | | |
| Special remarks | | | | | | |
| Comment | | | | | | |
| Grade: | F | E | D | C | B | A |
| Number of points | less than 50 points | greater than or equal to 50 points and less than 60 points | greater than or equal to 60 points and less than 70 points | greater than or equal to 70 points and less than 80 points | greater than or equal to 80 points and less than 90 points | greater than or equal to 90 points |