



SYLLABUS OF THE SUBJECT " TEACHING AND LEARNING WITH TECHNOLOGY AND DIGITIZATION "

Të dhëna bazike të lëndës	
Academic unit:	Faculty of Education
Course title:	Teaching and learning with technology and digitization
Programme:	Education Sciences
Level:	Master
Status of the course:	Mandatory
Year of study:	1 year, 2 semester
Number of hours per week:	3 + 1
Value on credit – ECTS:	6
Time / Location:	
Course teacher:	
Contact details:	
Description of the subject	The course focuses on the theoretical and practical training of students to use: technologies for teaching and active learning, ICT as a medium and support tool for inclusive practices, teaching platforms, various simulators for conducting experiments and computer animations in education, technologies of computer-supported collaboration, assessment technologies, e-learning technologies in context, and e-management technologies. Students learn how to evaluate Educational and Internet Technologies in terms of enhancing teaching and learning performance, inclusion and the possibility of e-management to support critical thinking, creativity, innovation, monitoring and learning activities in a comprehensive perspective.
The purpose of the course:	To acquaint students with new educational technologies, the possibilities of their use in the teaching and learning process in order to improve teaching and increase learning. Familiarity with teaching and e-learning models as well as recognition and evaluation of e-learning technologies.
Learning outcomes:	• Identify new technologies for teaching and learning • Realize qualitative discussions about concrete examples of active learning through technology • Identify the basic models of e-learning, • Use advanced information and communication technologies to support teaching and e-learning • Use technology to support inclusive practices



	• Possess digital competence for the development of electronic materials and for the creation of electronic learning systems in other scientific domains		
Student workload (should correspond to the student's learning outcomes)			
Activity	Hours	Days/weeks	Total
Lectures	3	15	45
Theoretical and Laboratory exercises	1	15	15
Practical work	1	15	15
Meetings with teachers/consultations	1	10	10
Field exercises			
Colloquiums and seminars	3	2	6
Homework	1	15	15
Individual studying time (in the library or at home)	1	15	15
Final preparations for an exam	1	10	10
Time spent on assessment (tests, quiz, and final exam)	1	3	3
Projects and presentations	3	2	6
Total			150 Orë 4 ECTS
Teaching methodology:	Interactive lectures, computer exercises, individual work, group work, projects, seminar papers.		
Assessment methods:	Continuous assessment (activity) 10% Individual presentations 20% Coursework 20% Final exam 50 %		
Basic Literature:	D. Lever, Mc.Donald, B. Jean (2009).Teaching and Learning ëith Technology. Boston:PEARSON A&B. Timothy J. Newby, Donald Stepich, James Lehman, James D. Russell, Anne Todd Leftwich. Educational Technology for Teaching and Learning, 4th Edition, Pearson, 2019 Benigno, V., Bocconi, S., &Ott, M. (2007). Inclusive education: helping teachers to choose ICT resources and to use them effectively. eLearning Papers, 6.		



Additional Literature:	R. Donnelly, F.McSweeney,(2008),Applied E-Learning and E-Teaching in Higher Education ISBN-13: 978-1599048147,USA
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The designed learning plan:		
Week	The planned lesson	Exercises
First Week:	Introducing the Introduction to Educational Technology syllabus.	Prezantimi i veglave softuerike që do të përdoren gjatë ushtrimeve
Second Week:	Learning in the context of technologies	Educational technology systems perspective - Practical work
Third Week:	Linking learning objectives, pedagogies and technologies	Technologies for teaching and learning - Practical work
Fourth Week:	Educational technology systems perspective	Technologies of Education and active learning - Practical work
Fifth Week:	Technologies for teaching and learning	Internet technologies in education - Virtual laboratories - Practical work
Sixth Week:	Technologies of Education and active learning	Management of learning spaces - Practical work
Seventh Week:	Internet technologies in education - Virtual laboratories	Computer simulations and animations in education, Realization of experiments through the computer - Practical work
Eighthth Week:	Management of learning spaces	Computer Supported Collaboration Technologies, E-learning technologies - Web-based technologies - Video conferences - Practical work
Ninth Week:	Computer simulations and animations in education, Realization of experiments through the computer	Mobile Technologies - Practical work
Tenth Week:	Computer Supported Collaboration Technologies, E-learning technologies - Web-based technologies - Video conferences	E-learning platforms - Practical work
Eleventh Week	Mobile technologies	Methods of preparation of electronic materials - Practical work



Twelfth Week:	E-learning platforms	- Evaluating the quality of e-learning materials - Practical work
Thirteenth Week:	Methods of preparation of electronic materials	Educational technology systems perspective - Practical work
Fourteenth Week:	- Evaluating the quality of e-learning materials	Technologies for teaching and learning - Practical work
Fifteenth Week:	Conclusion and reflection	Conclusion and reflection
Academic policies and code of conduct		
The student must respect the rules of the institution: - Must respect the schedule of lectures, exercises and be attentive in the classroom; - To maintain discipline during lectures; - Student Card Ownership and Presentation (ID) is required for tests and exams; - When designing seminar papers, the student must follow the instructions given for research and technical implementation of the paper.		