

Study program: MAS Subject Teaching (Electrical and Computing Engineering; Mechanical Engineering), IAS Subject Teaching Technics and Informatics, MAS Information Technology / teacher's education module			
Type and level of studies: Master, Integrated (basic + master)			
Course unit: PEDAGOGY (Educational Sciences)			
Teacher in charge: Dragana Bjekić			
Language of instruction: English			
ECTS: 6			
Prerequisites: course Psychology			
Semester: Winter			
Course unit objective - Introduction to the system of educational knowledge. Development of the teachers' competence. Implementation of the educational principles in teaching and educational context.			
Learning outcomes of Course unit – Students are able to: explain and analyze educational and teaching process. and apply theoretical knowledge for planning educational procedures; know historical dimension of educational system; use some evaluation procedures; make a plan of their own professional in/service education; apply didactical principles and make a plan of teaching process; select and apply some teaching methods and social-organizational procedures of teaching; make correct teaching communication; create and apply teaching innovation.			
Course unit contents			
<i>Theoretical content:</i> The basis of Educational sciences / Pedagogy, branching system, research methodology. Education: concept, development, characteristics, goals and outcomes, domains of education. The basis of the educational methodics: educational methods, principles of education, educational model of positive discipline. Educational system. School system. Current trend in school system development. Programming and evaluating of educational work in school. Teachers in school. The basis of adult education.			
The basis of didactics. Factors of teaching. Learning and teaching theory. Teaching content, selection, teaching objectives and outcomes, competencies. Taxonomy of education. General and professional education. Planning of the teaching. Development and evaluation of the curriculum. Individual educational plan. Didactical principles. Teaching class organization. Teaching methods. Didactical systems. Social-organizational types of teaching. Teaching communication. Structure of teaching process. Monitoring of students' learning. Textbox. Teaching innovations.			
<i>Practice:</i> Preparation of the knowledge test. Definition of goals and outcomes of education. Development of techniques of the evaluation of a school. Planning teachers' professional development. Class organization. Implementation of the teaching model: active learning/teaching. Teaching communication skills development. Class preparation (traditional preparation, class scenario, situational class preparation). IEP. Assessment techniques.			
Literature			
Anderson, L. W. & Krathwohl, D. R. Et al. (eds.) (2001). <i>A Taxonomy for Learning, Teaching and Assessing – A Revision of Bloom's Taxonomy of Educational Objectives</i> , New York.: Longman.			
Carteli, A. (ed.) (2006). <i>Teaching in the Knowledge Society – New Skills and Instruments for Teachers</i> , Hershey-London: Information Science Publishing.			
Karras, K. G. and Wolhuter, C. C. Eds. (2010). <i>International Handbook on Teacher Education Worldwide: Training, Issues and Challenges for Teachers Profession</i> , Athens: Atropos Edition			
Nelsen, J. (1999...2013). <i>Positive discipline</i> . Prima Publisher.			
Ness, D., & Lin, C-L. (2015). <i>International Education: An Encyclopedia of Contemporary Issues and Systems</i> , Routledge.			
Sahlberg, P. (2011). <i>Finnish Lessons</i> . Teachers College Press.			
Number of active teaching hours			Other classes
Lectures: 2	Practice:1	Other forms of classes: <i>mentoring and monitoring – 1</i>	
Teaching methods - blended learning, interactive instruction: popular lectures, discussion, method of practical activities, workshops, role playing, e-teaching; based on verbal meaningful receptive learning, discovery learning, cooperative learning, practical learning; supported with e-course.			
Examination methods (maximum 100 points)			
Exam prerequisites	No. of points:	Final exam	No. of points:
Student's activity during lectures	10	oral examination	45
Practical classes/tests	10	written examination	25
Seminars/homework	10	

Project			
Other			
Grading system			
Grade	No. 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	Less than 51		Failing