

Study program/programs: Basic Academic Studies - Security Studies			
Study course name and code: INFORMATICS - NB.2.19.			
Teacher: Assistant Professor Ana V. Kovačević, Ph.D.			
Status: Obligatory course / academic-educational (AE)			
ECTS: 5.0			
Requirements:			
Study course objective: Students get acquainted with basic concepts in information and communication technologies, and gain knowledge about the possibilities of their application. In addition, students are introduced to the basic elements of computer system protection.			
Study course outcome: Students are introduced to the possibilities of using computers for teaching and scientific research, and have basic knowledge about the application of modern information and communication technologies.			
Contents of the course:			
<i>Lectures</i>			
<ul style="list-style-type: none"> • Introduction • History of the development of computer systems • Data, information and knowledge • Mathematical basics of computers • Computer systems• Hardware • Software• Information systems • Access to data bases • Computer networks • Communication systems • Protection of computer systems 			
<i>Practice classes</i>			
Presentation of software tools that can help students in teaching, scientific and research work.			
Literature:			
<ul style="list-style-type: none"> • Ana Kovačević, Informatika, Fakultete bezbednosti, 2013 (Autorizovane predavanja) • Dejan Simić, Osnove informaciono-komunikacionih tehnologija, FON 2011. 			
Number of active teaching classes: 3/45			Other classes
Lectures:2/30	Practice classes:1/15	Other forms of teaching:	Study research:
Teaching methods:			
Theory teaching			
Practical instruction on computers			
Knowledge evaluation (maximum score 100)			
<i>Pre-exam obligations</i>	<i>score</i>	<i>Final exam</i>	<i>score</i>
Activity during lectures	10	Written exam	60
Practice classes	10	Oral exam	
Colloquium(s)	2X10	
Seminar(s)			
Total:	40		60
100			