

NAME OF THE COURSE		Security of computer lecturing lab				
Code	PMIC40	Year of study	GU-2			
Course teacher	izv. prof.dr. sc. Saša Mladenović	Credits (ECTS)	2,5			
Associate teachers	dr. sc. Goran Zaharija	Type of instruction (number of hours)	L	S	E	F
			15		15	
Status of the course		Percentage of application of e-learning	25%			
COURSE DESCRIPTION						
Course objectives	<p>Introduce students with the concepts related to the setting-up and maintenance of the computer classrooms.</p> <p>Through the practical exercises students should familiarize themselves with current tools and techniques for maintaining and administrating computer classrooms.</p>					
Course enrolment requirements and entry competences required for the course	Introduction to Computer Science					
Learning outcomes expected at the level of the course (4 to 10 learning outcomes)	<p>After finishing the course, students should be able to:</p> <p>Understand the main security risks and problems in the context of school computer classrooms.</p> <p>Describe main topics, applications and research fields related to the security of computer classrooms, user management, access rights, backups, antivirus protection and resource sharing.</p> <p>Apply basic routines for improving the level of security in computer classrooms.</p> <p>Discuss the importance of computer security in today's society that heavily depends on computer systems and technology.</p> <p>Recognize the limits of current methods and tools for computer security.</p>					
Course content broken down in detail by weekly class schedule (syllabus)	<ol style="list-style-type: none"> 1. Introduction to the computer classroom security. (1+1) 2. Virtualization, multiple OS on single computer. (1+1) 3. User profiles and user management (1+1) 4. Limiting access rights and services. (1+1) 5. RAID, basic principles. (1+1) 6. Making and managing the backup copies. (1+1) 7. Disaster recovery process. (1+1) 8. Automating processes using scripts. (1+1) 9. Antivirus protection. (1+1) 10. Unrestricted access protection. (1+1) 11. Classroom surveillance. (1+1) 12. Configuring and updating classroom software. (1+1) 13. Resource sharing. (1+1) 14. Personal data protection. (1+1) 15. Internet content appropriateness (1+1) 					
Format of instruction	<input checked="" type="checkbox"/> lectures <input type="checkbox"/> seminars and workshops <input type="checkbox"/> exercises <input type="checkbox"/> on line in entirety <input type="checkbox"/> partial e-learning <input type="checkbox"/> field work		<input checked="" type="checkbox"/> independent assignments <input type="checkbox"/> multimedia <input checked="" type="checkbox"/> laboratory <input type="checkbox"/> work with mentor <input type="checkbox"/> homework assignments <input type="checkbox"/>			
Student responsibilities						

Screening student work (name the proportion of ECTS credits for each activity so that the total number of ECTS credits is equal to the ECTS value of the course)	Name	Ects	Name	Ects	Name	Ects
	Class attendance	1	Research		Experimental work	
	Oral exam		Report		Homework assignments	
	Seminar essay		Essay			
	Tests		Practical training	1		
	Written exam	0,5	Project			
Grading and evaluating student work in class and at the final exam	Class attendance (10%) Final exam (90%)					
Required literature (available in the library and via other media)	Title			Number of copies in the library	Availability via other media	
				0		
Optional literature (at the time of submission of study programme proposal)	Course materials available online					
Quality assurance methods that ensure the acquisition of exit competences	Student discussion, anonymous student evaluation questionnaire, student success rate, self-assessment					
Other (as the proposer wishes to add)						