

Faculty of Fundamental Problems of Technology						
COURSE CARD						
Name in polish	:	<b>Wykład Monograficzny z Bezpieczeństwa Komputerowego</b>				
Name in english	:	<b>Monographic lecture on computer security</b>				
Field of study	:	Computer Science				
Specialty (if applicable)	:					
Undergraduate degree and form of	:	masters, stationary				
Type of course	:	optional				
Course code	:	E2_W36				
Group rate	:	Yes				
		Lectures	Exercides	Laboratory	Project	Seminar
Number of classes held in schools (ZZU)		30	15	15		
The total number of hours of student workload (CNPS)		60	60	60		
Assesment		pass				
For a group of courses final course mark		X				
Number of ECTS credits		2	2	2		
including the number of points corresponding to the classes of practical (P)			2	2		
including the number of points corresponding occupations requiring direct contact (BK)		2	1	1		
PREREQUISITES FOR KNOWLEDGE, SKILLS AND OTHER POWERS						
COURSE OBJECTIVES						
<p><b>C1</b> Presentation of new trends in computer security</p> <p><b>C2</b> Practical mastery of the tools and concepts discussed at the lecture</p> <p><b>C3</b> mplementation and testing of problems presented during the lecture</p>						
COURSE LEARNING OUTCOMES						
The scope of the student's knowledge:						
<b>W1</b> Learning new ideas in computer security						
The student skills:						
<b>U1</b> Can apply new IT solutions						
The student's social competence:						
<b>K1</b> Understands the need to track new achievements in IT						
COURSE CONTENT						
Type of classes - lectures						
Wy1	Presentation of selected computer security issues				30h	

Type of classes - exercises		
Ćw1	Solving problems discussed during the lecture	15h
Type of classes - laboratory		
Lab1	Implementation and testing of problems discussed during the lecture	15h
Applied learning tools		
<ol style="list-style-type: none"> <li>1. Traditional lecture</li> <li>2. Multimedia lecture</li> <li>3. Solving tasks and problems</li> <li>4. Solving programming tasks</li> <li>5. Consultation</li> <li>6. Self-study students</li> </ol>		
EVALUATION OF THE EFFECTS OF EDUCATION ACHIEVEMENTS		
Value	Number of training effect	Way to evaluate the effect of education
F1	W1, K1-K1	Final test
F2	U1-U1, K1-K1	Test, activity on exercises
F3	U1-U1, K1-K1	Issued implementations of problems
P=40%*F1+30%*F2+30%*F3		
BASIC AND ADDITIONAL READING		
<ol style="list-style-type: none"> <li>1. The literature will be given at the beginning of the class by the lecturer</li> </ol>		
SUPERVISOR OF COURSE		
prof. Mirosław Kutylowski		

RELATIONSHIP MATRIX EFFECTS OF EDUCATION FOR THE COURSE  
 Monographic lecture on computer security

WITH EFFECTS OF EDUCATION ON THE DIRECTION OF COMPUTER SCIENCE

Course training effect	Reference to the effect of the learning outcomes defined for the field of study and specialization (if applicable)	Objectives of the course**	The contents of the course**	Number of teaching tools**
W1	K2_W04 K2_W05	C1	Wy1-Wy1	1 2 5 6
U1	K2_U01 K2_U05 K2_U06 K2_U11 K2_U12	C2 C3	Ćw1-Ćw1 Lab1-Lab1	3 4 5 6
K1	K2_K03	C1 C2 C3	Wy1-Wy1 Ćw1-Ćw1 Lab1-Lab1	1 2 3 4 5 6