

<b>STUDY MODULE DESCRIPTION FORM</b>		
Name of the module/subject <b>Data security policy</b>		Code <b>1010335521010337164</b>
Field of study <b>Information Engineering</b>	Profile of study (general academic, practical) <b>(brak)</b>	Year /Semester <b>1 / 2</b>
Elective path/specialty <b>-</b>	Subject offered in: <b>Polish</b>	Course (compulsory, elective) <b>elective</b>
Cycle of study: <b>Second-cycle studies</b>	Form of study (full-time, part-time) <b>part-time</b>	
No. of hours Lecture: <b>16</b> Classes: <b>-</b> Laboratory: <b>16</b> Project/seminars: <b>-</b>		No. of credits <b>4</b>
Status of the course in the study program (Basic, major, other) <b>(brak)</b>		(university-wide, from another field) <b>(brak)</b>
Education areas and fields of science and art <b>technical sciences</b>		ECTS distribution (number and %) <b>4 100%</b>
<b>Responsible for subject / lecturer:</b>  dr inż. Tomasz Bilski email: tomasz.bilski@put.poznan.pl tel. 061 66 53 554 Faculty of Electrical Engineering ul. Piotrowo 3A 60-965 Poznań		
<b>Prerequisites in terms of knowledge, skills and social competencies:</b>		
1	<b>Knowledge</b>	Student has knowledge from bachelor's degree. K_W02: Student has comprehensive knowledge on selected legal issues. K_W10: Student has comprehensive knowledge of data security.
2	<b>Skills</b>	K_U01: Student is able to acquire information from literature, data bases and other sources; student is able to integrate acquired information, to interpret it, to draw conclusions and to comprehensively formulate and justify judgments. K_U11: Student is able to evaluate the usefulness of IT tools and technologies for a given IT task.
3	<b>Social competencies</b>	Student has social competencies from bachelor's degree.
<b>Assumptions and objectives of the course:</b> Obtaining skills for data security policy creation according to legal rules and standard documents.		
<b>Study outcomes and reference to the educational results for a field of study</b>		
<b>Knowledge:</b>		
1. Student has comprehensive knowledge on selected legal issues. - [K_W02] 2. Student has comprehensive knowledge with theoretical foundations of IT system modelling and analysis. - [K_W05] 3. Student has comprehensive knowledge of data security. - [K_W10]		
<b>Skills:</b>		
1. Student is able to acquire information from literature, data bases and other sources; student is able to integrate acquired information, to interpret it, to draw conclusions and to comprehensively formulate and justify judgments. - [K_U01] 2. Student is able to model and to analyse IT systems. - [K_U05] 3. Student is able to evaluate the usefulness of IT tools and technologies for a given IT task. - [K_U11]		
<b>Social competencies:</b>		
1. Student is able to think and work in a creative and inventive way. - [K_K01] 2. Student understands the necessity of distributing information on computer science advancements and other issues related to computer engineer work. Student tries to distribute the information in a clear way and to present the facts from different points of view. - [K_K02]		

<b>Assessment methods of study outcomes</b>		
Lecture: test. Project: security policy project assessment.		
<b>Course description</b>		
Lecture. Models, processes, phases of IT security management. Data security policy structure. General rules for data security policy construction. Risk management in IT systems: risk assessment (qualitative and quantitative methods), risk mitigation methods. Disaster recovery plans and business continuity. Legal issues related to data security policy. Standards: ISO 13335, ISO 2700x. Laboratory Data searching, risk analysis, disaster recovery plans, security policy writing rules, cost analysis - discussions and presentations related to data security policies prepared by students for particular computer systems.		
<b>Basic bibliography:</b> 1. ISO 13335 standard 2. ISO 27xxx standards		
<b>Additional bibliography:</b>		
<b>Result of average student's workload</b>		
<b>Activity</b>	<b>Time (working hours)</b>	
1. Lectures	16	
2. Laboratory	16	
3. Preparation for test.	30	
4. Data security policy documents preparation	60	
5. Test	2	
6. Consultations	41	
<b>Student's workload</b>		
<b>Source of workload</b>	<b>hours</b>	<b>ECTS</b>
Total workload	165	4
Contact hours	75	3
Practical activities	76	3