

<b>STUDY MODULE DESCRIPTION FORM</b>		
Name of the module/subject <b>Social and professional aspects of computer science</b>		Code <b>1010331541010334963</b>
Field of study <b>Information Engineering</b>	Profile of study (general academic, practical) <b>(brak)</b>	Year /Semester <b>2 / 4</b>
Elective path/specialty <b>-</b>	Subject offered in: <b>Polish</b>	Course (compulsory, elective) <b>obligatory</b>
Cycle of study: <b>First-cycle studies</b>		Form of study (full-time, part-time) <b>full-time</b>
No. of hours Lecture: - Classes: <b>15</b> Laboratory: - Project/seminars: -		No. of credits <b>1</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>social sciences</b>		ECTS distribution (number and %) <b>1 100%</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>	Basic knowledge learnt at high school.
2	<b>Skills</b>	Student is able to find information from professional literature, databases and other sources; he/she can integrate and correctly interpret the gained information and then to conclude and formulate his/her own opinions.
3	<b>Social competencies</b>	Student understands a need to learn constantly, including improvement of using foreign languages and other professional and social competencies.
<b>Assumptions and objectives of the course:</b> Presentation of social and legal aspects concerning software project development and its applications in practice. Then discussing the presented aspects.		
<b>Study outcomes and reference to the educational results for a field of study</b>		
<b>Knowledge:</b> 1. Student has basic knowledge concerning non-technical aspects and conditions of various activities in engineering, especially in computing. This knowledge includes principles of safety in computing at work. - [K_W21] 2. Student has basic knowledge concerning intellectual property, legal protection of personal data, and issues concerning contracts (solutions written in the civil code). - [K_W22]		
<b>Skills:</b> 1. Student can recognize correctly non-technical aspects of engineering solutions. He/she knows and understands legal rules and obligations concerning authors - [K_U21] 2. Student can apply in practice the principles of safety at work. - [K_U23]		
<b>Social competencies:</b> 1. Student is aware of his/her social role in the future - he/she understands the need to transfer any information concerning development in computing in a comprehensive form which enables the cooperation with software users. - [K_K06] 2. Student is aware of an importance of his/her professional behaviour, observation of legal rules including ethical aspects of computing. The last include a respect of different opinions and cultures. - [K_K03]		
<b>Assessment methods of study outcomes</b>		
An open test takes place in the last week of the semester.		

<b>Course description</b>		
Introduction Legal and standard issues of IT systems Ergonomics, ecology Data security issues Computer engineer duties, responsibility and rights e-government social aspects of IT and Internet		
<b>Basic bibliography:</b> 1. Sara Baase, A Gift of Fire: Social, Legal, and Ethical Issues for Computing Technology, Prentice Hall, 2012 2. Bruce Schneier, Data and Goliath: The Hidden Battles to Collect Your Data and Control Your World, 2015		
<b>Additional bibliography:</b> 1. William Davidow, Overconnected: The Promise and Threat of the Internet, 2012		
<b>Result of average student's workload</b>		
Activity	Time (working hours)	
1. Participation in classes	15	
2. Preparation to announced discussions	15	
3. Consultations and test	10	
<b>Student's workload</b>		
Source of workload	hours	ECTS
Total workload	40	1
Contact hours	25	1
Practical activities	0	0