

(faculty stamp)

COURSE DESCRIPTION

Z1-PU7

WYDANIE N1

Strona 1 z 2

1. Course title: Social and Professional Challenges of Computer Science		2. Course code SaPCoCS		
3. Validity of course description: 2012/2013				
4. Level of studies: 1st cycle / 2nd cycle of higher education				
5. Mode of studies: intramural studies / extramural studies				
6. Field of study: MACROCOURSE		AEI		
7. Profile of studies:				
8. Programme:				
9. Semester: 7				
10. Faculty teaching the course: AEI				
11. Course instructor: Jacek Frączek				
12. Course classification:				
13. Course status: compulsory /elective				
14. Language of instruction: English				
15. Pre-requisite qualifications: none				
16. Course objectives:				
The aim of the course is to provide basic knowledge in the following areas:				
<ul style="list-style-type: none"> • Professional and Ethical Responsibility • Ethical Codes and Codes of Conduct • Computer Systems Risks and Responsibilities • Intellectual Property Rights: Legal Issues and Regulations, Patents • Fundamentals of Privacy 				
17. Description of learning outcomes:				
Nr	Learning outcomes description	Method of assessment	Teaching methods	Learning outcomes reference code
1.	Students know about professional and ethical responsibility of the employee	Written assessment	Lecture	
2.	Students know about the codes of ethics and codes of conduct	Written assessment	Lecture	
3.	Students know about the risks associated with the use of systems, and the responsibility of creating, managing and using IT systems	Written assessment	Lecture	
4.	Students know about the issues related to intellectual property rights	Written assessment	Lecture	
5.	Students know about the issues related to the protection of privacy and personal data	Written assessment	Lecture	
6.	Students are aware of the importance and understanding of the effects of non-technical aspects and engineering activities, including its impact on the environment, and consequently the responsibility for decisions.	Written assessment	Lecture	
7.				
8.				
18. Teaching modes and hours				
Lecture / BA /MA Seminar / Class / Project / Laboratory				
Lecture – 30h				

19. Syllabus description:

Lecture topics:

- Professional and Ethical Responsibility
- Ethical Codes and Codes of Conduct
- Computer Systems Risks and Responsibilities
- Intellectual Property Rights: Legal Issues and Regulations, Patents
- Fundamentals of Privacy

20. Examination: –**21. Primary sources:**

- Wikipedia portal: <http://en.wikipedia.org>
- ACM Code of Ethics and Professional Conduct: <http://www.acm.org/about/code-of-ethics>

22. Secondary sources:

- Deborah E. Bouchoux: Intellectual Property: The Law of Trademarks, Copyrights, Patents, and Trade Secrets, 2012
- Daniel J. Solove: Understanding Privacy, 2010

23. Total workload required to achieve learning outcomes

Lp.	Teaching mode :	Contact hours / Student workload hours
1	Lecture	30/0
2	Classes	/
3	Laboratory	/
4	Project	/
5	BA/ MA Seminar	/
6	Other	5/25
	Total number of hours	35/25

24. Total hours: 60**25. Number of ECTS credits: 2****26. Number of ECTS credits allocated for contact hours: 1****27. Number of ECTS credits allocated for in-practice hours (laboratory classes, projects): 0****26. Comments: –**

Approved:

.....
 (date, Instructor's signature)

.....
 (date, the Director of the Faculty Unit signature)