

1.1. Course description

NAME OF THE COURSE						
Code	PMIH71	Year of study				
Course teacher		Credits (ECTS)	2,5			
Associate teachers		Type of instruction (number of hours)	L	S	E	F
Status of the course		Percentage of application of e-learning				
COURSE DESCRIPTION						
Course objectives	Expanding areas of ethical and security aspects in analyzing new technologies in the world of information and communication technology. Increase recognition and respect for intellectual property. Introduction to personal information security in the development of systems where these rights may be compromised. Adoption of risk management elements.					
Course enrolment requirements and entry competences required for the course						
Learning outcomes expected at the level of the course (4 to 10 learning outcomes)	<ol style="list-style-type: none"> 1. Analyze ethical problems and situations 2. Critically evaluate problems, situations, processes and solutions in using large data sets in business environments 3. Evaluate computer models 4. Define potential risk areas in ICT development 					
Course content broken down in detail by weekly class schedule (syllabus)	<ol style="list-style-type: none"> 1. Cybernetic view of Human Nature (3) 2. Computing and Human Values (3) 3. Information Wealth and Poverty (2) 4. Digital Content Access Rights (2) 5. Privacy Policy, (2) 6. Monitoring Technology Issues 7. Machine decision-making issues (4) 8. Data and Quality of Life problems (2) 9. The Problem of Eternal Digital Records (2) 10. Security and Assessing Self Technologies (4) 11. Self-adaptive and Self-replicating Technologies (4) 					
Format of instruction	<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input type="checkbox"/> exercises <input type="checkbox"/> on line in entirety <input checked="" type="checkbox"/> partial e-learning <input type="checkbox"/> field work			<input type="checkbox"/> independent assignments <input type="checkbox"/> multimedia <input type="checkbox"/> laboratory <input type="checkbox"/> work with mentor <input type="checkbox"/> homework assignments		
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	2	Report		Homework assignments	
	Seminar essay	2	Essay			
	Tests		Practical training			

	Written exam		Project			
Grading and evaluating student work in class and at the final exam	Participation in activities (40%), Oral exam (60%)					
Required literature (available in the library and via other media)	Title		Number of copies in the library	Availability via other media		
	Bynum T. 2015 Computer and information ethics. In The Stanford encyclopedia of philosophy (ed. EN Zalta), Winter 2015. See http://plato.stanford.edu/archives/win2015/entries/ethics-computer/ . Floridi L. 2013 The ethics of information. Oxford, UK: Oxford University Press.		0			
Optional literature (at the time of submission of study programme proposal)						
Quality assurance methods that ensure the acquisition of exit competences	Conversations with students, anonymous student survey, exam performance, self- analysis.					
Other (as the proposer wishes to add)						