Zał. nr 4 do ZW 64/2012

FACULTYOF COMPUTER SCIENCE AND MANAGEMENT / DEPARTMENT…

SUBJECT CARD

Name in Polish Społeczne i prawne aspekty informatyki

Name in English Social and Law Aspects of Computer Science

Main field of study (if applicable): Computer Science

Specialization (if applicable): ……..

Level and form of studies: 1st/ ~~2nd~~* level, full-time /~~ part-time*~~

Kind of subject: ~~obligatory~~ /~~ optional~~ /~~ university-wide*~~

Subject code INZ000287W

Group of courses ~~YES~~ / NO*

	Lecture	Classes	Laboratory	Project	Seminar
Number of hours of organized classes in University (ZZU)	30				
Number of hours of total student workload (CNPS)	60				
Form of crediting	Examination / crediting with grade*	Examination / crediting with grade*	Examination / crediting with grade*	Examination / crediting with grade*	~~Examination~~ / crediting with grade*
For group of courses mark (X) final course					
Number of ECTS points	2				
including number of ECTS points for practical (P) classes					
including number of ECTS points for direct teacher-student contact (BK) classes	1,2				

*delete as applicable

PREREQUISITES RELATING TO KNOWLEDGE, SKILLS AND OTHER COMPETENCES

1. None

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SUBJECT OBJECTIVES

C1 Educating the abilities of solving and understanding problems associated with the profession of the computer specialist

C2 Acquiring competence in the scope of the assessment of the copyright connected with the about computer science profession. Educating the ability of the evaluation of the copyright of technical structures associated with components and the building blocks associated with the process of coming into existence and works about computer character or associated with the computer science.

C3 Acquiring the knowledge of both the ability in collecting and analysis of documents about standard character and practical competence in the extent of protection of the industrial property.

C4 Providing practical abilities in methods of the assessment of the effects of the breach of the law and violating ethics in the profession of the computer specialist.

C5 Acquiring the knowledge in the scope of computer ethics.

C6 Acquiring competence and shaping the attitude in the social scope including the ability of the harmonious group work and the reliable, honest and ethical practising a profession of the computer specialist.

SUBJECT EDUCATIONAL EFFECTS

relating to knowledge:

PEK_W01 Student has an acquaintance of the problems associated with the practising a profession of the computer specialist, is conscious of problems associated with the copyright and the protection law of the industrial property.

PEK_W02 Student has competence in analysis of patent specifications and preparing documentation associated with the registration of the invention.

PEK_W03 Student has an acquaintance knowledge in the copyright and applying it with reference to works about computer character.

PEK_W04 Student has a knowledge in the scope of the assessment of the connected occupational hazard from completion of undertakings about computer character.

PEK_W05 Student knows principles of protection of works about computer character individual and team.

PEK_W06 Student has an acquaintance of processes of the transfer operation of the property of works about computer character.

PEK_W07 Student is possessing the acquaintance of codes of ethics and a skill of applying them in practice.

relating to skills:

PEK_U01 Student is possessing skills of the evaluation of a situation and risks in the working life of the computer specialist.

PEK_U02 Student is possessing skills of noticing and appreciating the social context of the computer science.

PEK_U03 Student is possessing a skill of analysis of patent documentation and the registration of the invention and the work about computer character.

PEK_U04 Student is able to assess issues of law associated with the source materials associated with the completion of a project about computer character and associated with the computer science.

PEK_U05 Student is able to apply principles arising from the copyright in practice.

relating to social competences:

PEK_K01 Student has competence in the practising a profession ethical, in accordance with the law in force of the computer specialist.

PEK_K02 Student is able to notice public aspects of the completion of computer undertakings.

PEK_K03 He is possessing a skill of the independent and creative thinking with the respect for the law and of professional ethics.

PROGRAMME CONTENT

Form of classes - lecture		**Number of**
Lec 1	The specificity of the environment of the professional computer scientist. The ethics and the social meaning of the computer scientist occupation. Ethical codes and codes of practice.	2
Lec 2	The formation, the projection, the production and the exploitation of the software and hardware products in the social context. The interaction and the correlation of ethics and laws.	2
Lec 3	The intellectual property, definitions, legal settlements, examples.	2
Lec 4	The object and the person of author's law. Computer programmes and databases.	2
Lec 5	The authorship of the composition, dependent rights. Personal rights and property -	2

	in the context of compositions about the computer science character.	
Lec 6	The spread of compositions. The protection of compositions about the computer science character and related compositions. The protection of the privacy.	2
Lec 7	The delivery and the sale of copyrights to compositions about the computer science character. The exercise of compositions in frames of the relation of the work inframes of the activity didactic and scientific. Licensing. Passing of copyrights as result of the succession.	2
Lec 8	The criminal responsibility for the violation of copyrights. The computer crimes. Computer forensic.	2
Lec 9	The industrial right properties.	2
Lec 10	Useful examples. Trademarks. Patents. Notifying and the protection.	2
Lec 11	The industrial rights protection in Poland and regulations of the European Union. The intellectual property in the context of the inquiry society.	2
Lec 12	Examples of the use of the copyrights.	2
Lec 13	The copyright and teamworks. The reliability of the software and hardware products. The responsibility for defects.	2
Lec 14	The risk in-service of the computer scientist. The valuation of the risk. The minimization of the risk.	2
Lec 15	Final test.	2
	Total hours	30

Form of classes - class		**Number of hours**
Cl 1		
Cl 2		
Cl 3		
Cl 4		
..		
	Total hours	

Form of classes - laboratory		**Number of hours**
Lab 1		
Lab 2		
Lab 3		
Lab 4		
Lab 5		
…		
	Total hours	

Form of classes - project		**Number of hours**
Proj 1		
Proj 2		
Proj 3		
Proj 4		

…		
	Total hours	

Form of classes - seminar		**Number of hours**
Sem 1		
Sem 2		
Sem 3		
…		
	Total hours	

TEACHING TOOLS USED
N1. Lecture with using the multimedia slide projector. N2. Consultation. N3. Own work of the student. N4. Electronic using educational platforms.

EVALUATION OF SUBJECT EDUCATIONAL EFFECTS ACHIEVEMENT

Evaluation (F – forming (during semester), P – concluding (at semester end)	Educational effect number	Way of evaluating educational effect achievement
F1	PEK_U01÷PEK_U05 PEK_K01÷PEK_K03	an oral answers, written short tests
F2	PEK_W01÷PEK_W06 PEK_U01÷PEK_U05 PEK_K01÷PEK_K03	final test
C=F1+F2		

PRIMARY AND SECONDARY LITERATURE

PRIMARY LITERATURE:

[1] Cohen J. E.: Copyright in a global information economy. Aspen Publishers 2010.
[2] Okediji C. L. & Orourke: Copyright Law. Aspen Publishers 2010.
[3] Thies Ch.: Computer Law and Ethics. Mercury Learning & Information 2013.

SECONDARY LITERATURE:

[1] McJohn S. M.: Examples & Explanantions: Copyright. Aspen Publishers 2012.

SUBJECT SUPERVISOR (NAME AND SURNAME, E-MAIL ADDRESS)

Arkadiusz Liber, PhD
Arkadiusz . Liber / at / pwr . wroc . pl

MATRIX OF CORRELATION BETWEEN EDUCATIONAL EFFECTS FOR SUBJECT

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AND EDUCATIONAL EFFECTS FOR MAIN FIELD OF STUDY

……..

AND SPECIALIZATION ……..

Subject educational effect	Correlation between subject educational effect and educational effects defined for main field of study and specialization (if applicable)**	Subject objectives ***	Programme content***	Teaching tool number***
PEK_W01, PEK_W02	K1INF_W19, K1INF_K03	C1, C2,C6	Lec1,Lec2,Lec3,Lec4	N1,N2,N3,N4
PEK_W03, PEK_W04	K1INF_K03, K1INF_K05	C1,C2	Lec5,Lec6,Lec7, Lec8,Lec9	N1,N2
PEK_W05, PEK_W06, PEK_W07	K1INF_W19, K1INF_K03, K1INF_K05	C1,C3,C4, C5	Lec10,Lec11,Lec12,Lec13,Lec14,Lec15	N1,N2,N3,N4
PEK_U01, PEK_U02	K1INF_K01, K1INF_K01	C1,C6	Lec1,Lec2,Lec3, ,Lec5,Lec6,Lec7, Lec8,Lec9,Lec10,Lec11,Lec12,Lec13,Lec14	N1,N2,N3
PEK_U03, PEK_U04	K1INF_K03	C1,C3,C4, C5	Lec1,Lec4, ,Lec5,Lec6,Lec7, Lec8,Lec9,Lec10,Lec11,Lec12,Lec13,Lec14	N1,N2,N3,N4
PEK_U05	K1INF_W19, K1INF_K03, K1INF_K05	C1,C3,C4, C5	Lec1,Lec2,Lec3,Lec4,Lec7, Lec8,Lec9Lec10,Lec11,Lec12,Lec13,Lec14	N1,N2,N3,N4
PEK_K01	K1INF_W19, K1INF_K03, K1INF_K05		Lec1,Lec4,Lec7, Lec8,Lec9Lec10,Lec11,Lec12,Lec13,Lec14	N1,N2,N3,N4
PEK_K02, PEK_K02	K1INF_K03	C1,C2,C6	Lec1,Lec4,Lec7, Lec8,Lec9Lec10,Lec11,Lec12,Lec13,Lec14	N1,N2,N3,N4
PEK_W01, PEK_W02	K1INF_W19, K1INF_K03	C1, C2,C6	Lec1,Lec2,Lec3,Lec4	N1,N2,N3,N4
PEK_W03, PEK_W04	K1INF_K03, K1INF_K05	C1,C2	Lec5,Lec6,Lec7, Lec8,Lec9	N1,N2
PEK_W05,	K1INF_W19,	C1,C3,C4,	Lec10,Lec11,Lec12,Lec13,Lec14	N1,N2,N3,N4

PEK_W06, PEK_W07	K1INF_K03, K1INF_K05	C5		
PEK_U01, PEK_U02	K1INF_K01, K1INF_K01	C1,C6,C7	Wy1,Wy2,Wy3, ,Wy5,Wy6,Wy7, Wy8,Wy9,Wy10,Wy11,Wy12,Wy13,Wy14,Wy15	N1,N2,N3

** - enter symbols for main-field-of-study/specialization educational effects
*** - from table above