GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Software Licensing, PG_00054185		
Field of study	Informatics		
Date of commencement of studies	February 2027	Academic year of realisation of subject	2027/2028
Education level	second-cycle studies	Subject group	Obligatory subject group in the field of study Subject group related to scientific research in the field of study
Mode of study	Full-time studies	Mode of delivery	at the university
Year of study	1	Language of instruction	Polish
Semester of study	2	ECTS credits	2.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Computer Architecture -> Faculty of Electronics Telecommunications and Informatics -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Tomasz Boiński	
	Teachers	dr inż. Tomasz Boiński	

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	15.0	0.0	0.0	0.0	15.0	30

E-learning hours included: 0.0

Learning activity and number of study hours

Learning activity	Participation in didactic classes included in study plan	Participation in consultation hours	Self-study	SUM
Number of study hours	30	2.0	18.0	50

Subject objectives

The subject aims at informing students about legal background of using OS software and make them aware of the need to follow them.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K7_W04] knows and understands, to an increased extent, the principles, methods and techniques of programming and the principles of computer software development or programming devices or controllers using microprocessors or other elements or programmable devices specific to the field of study, and organization of work of systems using computers or such devices	Student knows and understands impact of software licenses on software development and ability to use certain compoents	[SW1] Assessment of factual knowledge
[K7_U71] is able to apply knowledge from humanistic, social, economic or legal sciences in order to solve problems	Student differentiate software licences and their impact on the software development	[SU1] Assessment of task fulfilment
[K7_U07] can apply advanced methods of process and function support, specific to the field of study	Student can correctly select open software components to realize computer processes	[SU2] Assessment of ability to analyse information
[K7_U09] can carry out a critical analysis of the functioning of existing technical solutions and assess these solutions, as well as apply experience related to the maintenance of advanced technical systems, devices and facilities typical for the field of studies, gained in the professional engineering environment	Student can critically analyze legal aspect of the software and can match software components correctly aligned in term of legal conditions	[SU3] Assessment of ability to use knowledge gained from the subject

Subject contents	Course content – lecture 1. Open Source a Free Software 2. Different kind of software licenses 3. Management of a distributed software development project 4. Rules of bundling software into different Linux distributions 5. Development cycle of Linux distributions 6. Positive and negative aspects of Closed and Open Source 7. Intellectual property and patent law 8. Models of software patents in different countries 9. Open Source based commercial applications and systems 10. Formats and protocols standardization process 11. Perspectives for Open Source 12. Final test
Prerequisites and co-requisites	

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Midterm colloquium	50.0%	50.0%
Presentation	50.0%	50.0%

Recommended reading	Basic literature	Free Software Foundation, http://www.fsf.org Open Source Initiative, http://www.opensource.org Eric S. Raymond, The Cathedral and the Bazaar David A. Wheelers Personal Home Page, http://www.dwheeler.com/ Karl Fogel, Producing Open Source Software: How to Run a Successful Free Software Project, http://www.producingoss.com/ Fedora Project, http://fedoraproject.org Polish Copyright Law, from 4th February 1994 with later changes Rzeczpospolita, http://www.rp.pl/artykul/64143,179350_Pobieranie_filmow_i_muzyki_to_nie_kradziez.html EPO, http://legal.european-patent-office.org/dg3/biblio/t030424eu1.htm The Debian GNU/Linux Project, http://www.debian.org/
	Supplementary literature	Wikipedia, http://en.wikipedia.org
	eResources addresses	

Example issues/ example questions/ tasks being completed	What are the differences between OSI and FSF? Should software be patentable? What are the differences between GPL and LGPL licenses?
Practical activites within the subject	Not applicable

Document generated electronically. Does not require a seal or signature.