

FACULTY OF ELECTRICAL
ENGINEERING**SUBJECT CARD**

Name in Polish: **Ochrona własności intelektualnej w działalności inżynierskiej**
 Name in English: **Protection of intellectual property in engineering activity**
 Main field of study (if applicable): **Control Engineering and Robotics**
 Specialization (if applicable):
 Level and form of studies: **1st level, full-time**
 Kind of subject: **optional / university-wide**
 Subject code: **PRR041207**
 Group of courses: **NO**

	Lecture	Classes	Laboratory	Project	Seminar
Number of hours of organized classes in University (ZZU):	15				
Number of hours of total student workload (CNPS):	30				
Form of crediting:	crediting with grade				
For group of courses mark (X) final course:					
Number of ECTS points:	1				
including number of ECTS points for practical (P) classes :					
including number of ECTS points for direct teacher-student contact (BK) classes:	0.70				

PREREQUISITES RELATING TO KNOWLEDGE, SKILLS AND OTHER COMPETENCES

1. Basic knowledge of legal concepts.
2. The ability to thinking independely, searching and analyzing information.

SUBJECT OBJECTIVES

- C1. Gaining knowledge of intellectual property protection in the field of industrial property and copyright.
 C2. Gaining knowledge about the protection of inventions, utility models and industrial designs.
 C3. Obtaining knowledge of copyright protection.
 C4. Awareness of the importance of protecting intellectual property in engineering activities.

SUBJECT EDUCATIONAL EFFECTS*relating to knowledge:*

- PEK_W01 Student is able to define the concept of industrial property rights, its types, scope of protection and limitations.
 PEK_W02 Student is able to characterize the concept of copyright, its types and scope of protection, the methods of copyright management (licenses).

*relating to skills:**relating to social competences:*

- PEK_K01 He is able to think creatively and he understands the importance of intellectual property protection in the contemporary world.

PROGRAMME CONTENT		
Form of classes - lecture		Number of hours:
Lec 1	The concept of intellectual property. Sources of industrial property law. Industrial property - its types and scope.	2
Lec 2	The concept of the invention and its features (terms of patentability). Types of inventions. Inventions excluded from protection.	2
Lec 3	Patents, utility models, industrial designs - the content, the scope of protection, duration, limitations. Principles of preparation of patent specification and the use of patent databases.	2
Lec 4	Subject of copyright law - the concept of copyright work, its categories and types. Exclusions from the copyright protection.	2
Lec 5	The copyright subject - the concept of the creator, co-creator and others copyright holders. Moral and economic copyrights- the content and infringement of copyright.	2
Lec 6	The limitations of economic copyrights - time duration and fair use. Management of economic copyrights (licenses).	2
Lec 7	Copyright protection of databases. Copyright in the Internet. Copyright infringement on the Internet.	2
Lec 8	Written test.	1
Total hours:		15

TEACHING TOOLS USED
N1. Traditional lecture.
N2. Multi-media presentation.
N3. Consultations.

EVALUATION OF SUBJECT EDUCATIONAL EFFECTS ACHIEVEMENT		
Evaluation <i>F - forming (during semester)</i> <i>P - concluding (at semester end)</i>	Educational effect number	Way of evaluating educational effect achievement
F1(w)	PEK_W01 PEK_W02 PEK_K01	Written test.
P(w)	P=F1	

PRIMARY AND SECONDARY LITERATURE
PRIMARY LITERATURE: <p>[1] Kotarba W., Ochrona własności intelektualnej”, Oficyna Wydawnicza Politechniki warszawskiej, Warszawa 2012</p> <p>[2] Sieńczyło-Chlabicz, Prawo własności intelektualnej, Wydawnictwo prawnicze LexisNexis, Warszawa 2013</p> <p>[3] Nowińska E., Promińska U. de Vall M., Prawo własności przemysłowej, Wydawnictwo prawnicze LexisNexis, Warszawa 2008</p> <p>[4] Grzywińska A., Okoń S., Marki, wynalazki, wzory użytkowe: ochrona własności przemysłowej, Wydawnictwo Helion, Gliwice 2010</p> <p>[5] Poradnik wynalazcy. Zasady sporządzania dokumentacji zgłoszeń wynalazków i wzorów użytkowych. Urząd Patentowy R.P. www.uprp.gov.pl</p> <p>[6] Ustawa z dn. 30.06.2000 r. Prawo własności przemysłowej. Dz. U. z 2001 r. nr 49, poz. 508 z późniejszymi zmianami</p> SECONDARY LITERATURE: <p>[1] Żakowska-Henzler H., Wynalazek biotechnologiczny. Przedmiot patentu., Wydawnictwo Naukowe Scholar, Warszawa 2006</p> <p>[2] de Vall M, Prawo patentowe, Wolters Kluwer, Warszawa 2008</p> <p>[3] Adamczak A., du Vall M., Ochrona własności intelektualnej, UOTT, Warszawa 2010.</p>

SUBJECT SUPERVISOR
Michał Lisowski, michal.lisowski@pwr.edu.pl

MATRIX OF CORRELATION BETWEEN EDUCATIONAL EFFECTS FOR SUBJECT
PRR041207 - Protection of intellectual property in engineering activity
AND EDUCATIONAL EFFECTS FOR MAIN FIELD OF STUDY **Control Engineering and Robotics**

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	K1AiR_W39	C.1 C.2	Lec1 Lec2 Lec3	N.1 N.2 N.3
PEK_W02	K1AiR_W39	C.1 C.3	Lec1 Lec4 Lec5 Lec6 Lec7	N.1 N.2 N.3
PEK_K01	K1AIR_K10	C.4	Lec1 Lec2 Lec3 Lec4 Lec5 Lec6 Lec7 Lec8	N.1 N.2 N.3