

FACULTY OF ELECTRICAL
ENGINEERING**SUBJECT CARD**

Name in Polish: **Ochrona własności intelektualnej**
 Name in English: **Protection of Intellectual Property**
 Main field of study (if applicable): **Electrical Engineering**
 Specialization (if applicable): **Renewable Energy Systems**
 Level and form of studies: **2nd level, full-time**
 Kind of subject: **optional / university-wide**
 Subject code: **PRZ001007**
 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. Has a basic knowledge about legislative issues.

SUBJECT OBJECTIVES

- C1. Getting the knowledge in the field of intellectual property protection.
 C2. Skills of determination of patent procedures, introduction of utility models, industrial, trade marks
 C3. Forming of attitudes of the respect for the law of the intellectual property

SUBJECT EDUCATIONAL EFFECTS*relating to knowledge:*

- PEK_W01 Has a basic knowledge about elements of patent protection, trademarks, utility models, industrial designs
 PEK_W02 Has a basic knowledge about copyright

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

- PEK_K01 He understands the need of protection of the copyright and following them.

PROGRAMME CONTENT

Form of classes - lecture		Number of hours:
Lec 1	The notion and meaning of the intellectual property in the activity of companies and the everyday life. Protection systems of the intellectual property and types of protective laws.	2
Lec 2	Industrial property law - kinds of the knowledge of PWP being protected, comprehending the invention, the patent and the patent ability, procedures of the patent protection (PL, EU, international), costs of the procedures patent, world trends in the patent protection.	2
Lec 3	Utility models, industrial designs definitions and procedures of the protection	2
Lec 4	Trademarks and service - definitions and procedures of the protection	2
Lec 5	The copyright and related rights: protection of scientific, literary, artistic works, computer programs and databases. The object and the subject of laws, duration of the protection	2
Lec 6	The access and ways of using information bases about the protected intellectual property - cells and examples of using patent information	2
Lec 7	The transfer of knowledge and agreements in trading with laws of the intellectual property	2
Lec 8	Test	1
Total hours:		15

TEACHING TOOLS USED

- N1. Lectures with multimedia presentation supplemented by traditional form
 N2. Individual work of students
 N3. Consultation

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	Test
P(w)	P=F1	

PRIMARY AND SECONDARY LITERATURE

PRIMARY LITERATURE:

- [1] Bently L., B. Sherman Intellectual property law. Oxford, New York , Oxford University Press, cop. 2009.
 [2] Lewis J.A. Intellectual property protection: promoting innovation in a global information economy, Washington: Center for Strategic and International Studies, 2008.
 [3] C. Junghans, A. Levy, Intellectual Property Management: A Guide for scientists, engineers, financiers and managers, Wiley-VCH 2006.

SECONDARY LITERATURE:

- [1] Internet portals dedicated to intellectual property: www.uprp.pl, www.epo.org, www.uspto.gov, www.wipo.org, OHIM etc

SUBJECT SUPERVISOR

Aldona Dereń, aldona.deren@pwr.edu.pl

MATRIX OF CORRELATION BETWEEN EDUCATIONAL EFFECTS FOR SUBJECT **PRZ001007 - Protection of Intellectual Property** AND EDUCATIONAL EFFECTS FOR MAIN FIELD OF STUDY **Electrical Engineering** AND SPECIALIZATION **Renewable Energy Systems**

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	K2ETK_W07	C.1 C.2	Lec1 Lec2 Lec3 Lec4	N.1 N.2 N.3
PEK_W02	K2ETK_W07	C.1 C.2	Lec5 Lec6 Lec7	N.1 N.2 N.3
PEK_K01	K2ETK_K03 K2ETK_K05	C.3	Lec1 Lec2 Lec3 Lec4 Lec5 Lec6 Lec7 Lec8	N.1 N.2 N.3