STUDY MODULE DESCRIPTION FORM

Name of the module/subject		Code
Power engineering law and energy management		**1010315421010315651**
Field of study: **Power Engineering**	Profile of study (general academic, practical): **(brak)**	Year /Semester: **1 / 2**
Elective path/specialty: **-**	Subject offered in: **Polish**	Course (compulsory, elective): **obligatory**
Cycle of study: **Second-cycle studies**	Form of study (full-time,part-time): **part-time**	
No. of hours: Lecture: **8** Classes: **-** Laboratory: **-** Project/seminars: **-**		No. of credits: **1**
Status of the course in the study program (Basic, major, other): **(brak)**	(university-wide, from another field): **(brak)**	
Education areas and fields of science and art: **technical sciences** **Technical sciences**		ECTS distribution (number and %): **1 100%** **1 100%**

Responsible for subject / lecturer:

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Prerequisites in terms of knowledge, skills and social competencies:

1	**Knowledge**	Basic knowledge of electricity, power systems, telecommunications and information technology, transmission and distribution of electricity, power markets and electric power management, the information technology in power systems and security of power supply.
2	**Skills**	Ability to assess the impact of the implementation of the processes analysed in the field of power into the society. Ability of effective self-education in the chosen field of study.
3	**Social competencies**	Is aware of the need to broaden his competences, presents willingness to work together within a team, aspires to improve the efficiency of process performance, focusing on sustainable development of processes applied in the energy field.

Assumptions and objectives of the course:

Learning the legal regulations and schemes in the field of energy supply and related services to customers. Understanding the strategy of development of energy generation, transmission and sales in the European Union. Presenting the basic regulations in force in the areas of the energy market and the development of renewable energy, implementation of energy efficiency and use of space and the environment for energy supply.

Study outcomes and reference to the educational results for a field of study

Knowledge:

1. Student is able to present legal and organizational structure forming the framework of the technical and economic processes implemented for the safe and efficient delivery of power to customers. - [K_W14+++, K_W15+]

2. Student is able to assess existing and planned processes in the energy sector in terms of their compliance with the strategic objectives of energy development focusing on sustainablity. - [K_W17++, K_W18+]

Skills:

1. Student can make use of the bibliography to track changes and legislation governing the activities of power supply companies. - [K_U01++]

2. Student is able to assess the impact of existing and proposed regulations on the activities of power supply companies - [K_U12++]

Social competencies:

1. Student is aware of the importance and effects of power supply industry influence on society and of necessity of joint action to be undertaken in the country and the continent scale to achieve optimal development of the energy sector. - [K_K01++]

Assessment methods of study outcomes

Lectures:

- evaluation of the knowledge and skills demonstrated in written tests concerning issues discussed,
- evaluation of the activity and quality of perception.

Classes:

- results of test favoring the utilization of the acquired knowledge to solve problems in the area of the subject.

Course description

EU strategy in the field of energy development and the resulting legislation for Member States. The organization of power supplies in Poland. Acts regulating the activity of power supply companies in Poland. Legal regulations concerning the development of the electricity market and cross-border exchanges. Regulations concerning the use of the space and the environment for power supply purposes. Legal regulations on energy efficiency. The regulation on the development of renewable energy sources.

Basic bibliography:

1. Prawo energetyczne. Komentarz Swora Mariusz, Muras Zdzisław. Wydawca: Wolters Kluwer Polska Sp. z o.o. Rok wydania: 2010. ISBN: 9788326405983.

2. Prawo energetyczne z aktami wykonawczymi. Roman Staszewski, Antoni Tajduś, Wydawnictwo AGH, 2009.

3. Jednolity rynek energii elektrycznej w Unii Europejskiej w kontekście bezpieczeństwa energetycznego Polski. Agnieszka Pach-Gurgul, Difin 2012, ISBN: 978-83-7641-717-2.

Additional bibliography:

1. Energetyka a społeczeństwo: aspekty socjologiczne. Zbigniew Łucki, Władysław Misiak. Wydawnictwo Naukowe PWN 2010.

2. Polityki Unii Europejskiej : polityki sektorów infrastrukturalnych : aspekty prawne. Jurkowska-Gomułka A. (red.) Warszawa 2010.

3. Bezpieczeństwo energetyczne Unii Europejskiej. Kaczmarski M. Warszawa 2010.

Result of average student's workload

Activity	Time (working hours)
1. Participation in lectures	8
2. Preparation for the exam	11
3. Participating in consultations on the lecture	2

Student's workload

Source of workload	hours	ECTS
Total workload	21	1
Contact hours	10	1
Practical activities	0	0