

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Economics		Code 1010312411010310262
Field of study Power Engineering	Profile of study (general academic, practical) general academic	Year /Semester 1 / 1
Elective path/specialty -	Subject offered in: Polish	Course (compulsory, elective) obligatory
Cycle of study: Second-cycle studies	Form of study (full-time, part-time) full-time	
No. of hours Lecture: 15 Classes: - Laboratory: - Project/seminars: -		No. of credits 1
Status of the course in the study program (Basic, major, other) other		(university-wide, from another field) university-wide
Education areas and fields of science and art technical sciences Technical sciences		ECTS distribution (number and %) 1 100% 1 100%
Responsible for subject / lecturer: dr inż. Justyna Michalak email: justyna.michalak@put.poznan.pl tel. 616652030 Wydział Elektryczny ul. Piotrowo 3A 60-965 Poznań		
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	Student has a knowledge in the scope of financial economy of power enterprises. Student has a knowledge in the scope of basics of entrepreneurship, about function of market and market economy, enterprise estate (costs and incomes and rules of financial settlements)
2	Skills	Student has an ability of calculation of simple examples concerning financial results of enterprise. Is able to collect data necessary to perform this analysis.
3	Social competencies	Student has a consciousness of readiness to work in a team and taking decision
Assumptions and objectives of the course: To acquaint with basic definitions in the scope of microeconomics and macroeconomics, To acquaint with basics of enterprise economy.. To acquaint with legal organization form of enterprise.		
Study outcomes and reference to the educational results for a field of study		
Knowledge:		
1. Has a knowledge in the scope of basics of microeconomics concern to market demand and supply, labor market, financial market - [K_W20 +K_W23+++K_W27 ++]		
2. Has a knowledge in the scope of basics of enterprise economy concern to management of enterprise economy and to law-organization form of enterprise - [K_W20++K_W24++ K_W27++]		
Skills:		
1. Is able to determine enterprise effectiveness on organization, process and work site levels - [K_U07+K_U08++K_U16+]		
2. Is able to collect data necessary to perform effectiveness analysis of power enterprises - [K_U01++ K_U03+ K_U20++]		
Social competencies:		
1. Has a consciousness of economy aspects in power enterprise management on market - [K_K02+K_K05++]		
Assessment methods of study outcomes		
Lecture evaluation of knowledge and competition on written exam permanent evaluation on every classes (rewarding for activity)		

Course description		
<p>Basic problems of microeconomics: market demand, market supply, labor market. financial market. Basic problems of macroeconomics: macroeconomic measures of economy, mechanisms of acting on economy, fiscal and monetary politics, macroeconomic problems, inflation, unemployment. Basic problems concern production economics in enterprise, working capital economics, economic of fixed assets management</p>		
<p>Basic bibliography:</p> <ol style="list-style-type: none"> 1. Praca zbiorowa pod redakcją Jana Duraja, Podstawy ekonomiki przedsiębiorstwa, Polskie Wydawnictwo Ekonomiczne, Warszawa, 2002. 2. Urbaniak P., Podstawy ekonomii, eMPI2 materiały i podręczniki Mariana Pietraszewskiego, Poznań 2010. 3. Janasz W, Podstawy ekonomii przemysłu, Wydawnictwo Naukowe PWN, Warszawa, 1997. 4. Paska J., Ekonomika w elektroenergetyce, Oficyna Wydawnicza Politechniki Warszawskiej, Warszawa, 2007. 5. Drury C., Rachunek kosztów Wydawnictwo Naukowe PWN, Warszawa, 1996. 6. Laudyn D., Rachunek ekonomiczny w elektroenergetyce, Oficyna Wydawnicza Politechniki Warszawskiej, Warszawa, 2007. 		
<p>Additional bibliography:</p> <ol style="list-style-type: none"> 1. Ustawa z dnia 10 kwietnia 1997 r. PRAWO ENERGETYCZNE z Rozporządzeniami Ministra Gospodarki w sprawie szczegółowych zasad kształtowania i kalkulacji taryf oraz zasad rozliczeń w obrocie energia elektryczną. 2. Sierpińska M., Jachna T., Ocena przedsiębiorstwa według standardów światowych, Wydawnictwo Naukowe PWN, Warszawa, 1997. 		
Result of average student's workload		
Activity	Time (working hours)	
1. participation in lectures	15	
2. participation in tutorials related to lectures	7	
3. preparation to exam	10	
Student's workload		
Source of workload	hours	ECTS
Total workload	32	1
Contact hours	22	1
Practical activities	0	0