		STUDY MODULE D		
	of the module/subject	ion in power engineering		ode 10315321010325647
Field of	study		Profile of study (general academic, practical)	Year /Semester
	er Engineering		(brak)	1/2
Elective	e path/specialty	-	Subject offered in: polish	Course (compulsory, elective) obligatory
Cycle o	f study:		Form of study (full-time,part-time)	
	Second-c	ycle studies	part-time	
No. of h	nours			No. of credits
Lectu	re: 8 Classes	s: - Laboratory: -	Project/seminars:	1
Status	-	program (Basic, major, other) (brak)	university-wide, from another field (university-wide, from another field	nak)
Educati	on areas and fields of sci	(ECTS distribution (number and %)	
techi	nical sciences			1 100%
	Technical scie	ences		1 100%
Resp	onsible for subj	ect / lecturer:		
ema tel.	f. dr hab. inż. Zbigniew ail: zbigniew.stein@pu 616652589 ktryczny			
	Piotrowo 3A, 60-965 P			
Prere	equisites in term	s of knowledge, skills an	d social competencies:	
1	Knowledge	Basic knowledge of electricity ge	eneration and the construction of f	acilities for the production.
2	Skills	Organizing the production of ele environmental protection.	ctricity and the use of facilities sub	pject to the requirements of
3	Social competencies	The sensitivity of the measures	to protect the environment.	
Assu	imptions and obj	ectives of the course:		
	standing the principles nmental protection.	of organizing the production of el	ectricity and the use of facilities su	ibject to the requirements of
	Study outco	mes and reference to the	educational results for a	field of study
Knov	vledge:			
			vironmentally friendly - [K_W14+,	K_W19+++]
		e and organize waste gas purifica	tion - [K_W14+, K_W19++]	
Skills		montal investigations to determine	the production limit pollution - [K	
	•	asurements of environmental poll		_000t, N_014tj
	al competencies:			
		res to protect of the environment -	[K_K02+]	
		Assessment metho	ds of study outcomes	

Lecture:

- continuous evaluation in the classroom (rewarding activity and perception),

- passing the test.

Course description

Laws and regulations on environmental protection. Automating the r registration. Analyzing the results of measurements of pollution and generation technologies that reduce pollution.		
Basic bibliography:		
1. Ustawy, rozporządzenia i normy.		
2. Kucowski J., Laudyn D., Przekwas M.: "Energetyka a ochrona śro	odowiska", WNT, Warszawa 199	4.
Additional bibliography:		
1. Janiczek R.: "Eksploatacja elektrowni parowych", WNT, Warszaw	a 1980.	
Result of average stud	lent's workload	
Activity		Time (working hours)
1. participation in class lectures		7
2. participate in the consultations on of the lecture	5	
3. prepare for the completion of the lecture	10	
4. involved in successful completion	1	
Student's wo	rkload	
Source of workload	hours	ECTS
Total workload	23	1
Contact hours	13	1
Practical activities	0	0