STUDY MODULE DESCRIPTION FORM

Name of the module/subject **Diploma seminar**		Code **1010314391010310081**
Field of study **Power Engineering**	Profile of study (general academic, practical) **(brak)**	Year /Semester **5 / 9**
Elective path/specialty **Electrical Power Engineering**	Subject offered in: **polish**	Course (compulsory, elective) **obligatory**
Cycle of study: **First-cycle studies**	Form of study (full-time,part-time) **part-time**	
No. of hours Lecture: **-** Classes: **-** Laboratory: **-** Project/seminars: **18**		No. of credits **12**
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**		ECTS distribution (number and %) **12 100%**

Responsible for subject / lecturer:

prof. dr hab. inż. Józef Lorenc
email: jozef.lorenc@put.poznan.pl
tel. 61 6652279
Wydział Elektryczny
ul. Piotrowo 3A 60-965 Poznań

Prerequisites in terms of knowledge, skills and social competencies:

1	**Knowledge**	He/she has knowledge in frame of metrology of measurements, development trends and knows principles of author rights.
2	**Skills**	He/she can use available literature in printed and electronic version
3	**Social competencies**	He/she has consciousness of consequenced of own work results.

Assumptions and objectives of the course:

Presentation of investigation results, Analysis and conclusions of problems analysed in diploma thesis.

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

Knowledge:

1. He/she knows detailed principles of application of author rights during preparation diploma thesis in frame of electric power engineering - [K_W20++ . K_W28++]

Skills:

1. He/she can prepare and present short presentation abort task in frame of electric power engineering - [K_U05++]
2. He/she can compare various Project solution in range of fundamental problems in frame of electric power engineering - [K_U12+++]

Social competencies:

1. He/she is ready to conform to principles of work in teem in frame of electric power engineering - [K_K01+]

Assessment methods of study outcomes

Assessment of prepared presentations of individual parts of diploma thesis in form of slides (results, Analysis of results, conclusions)

Course description

1.Presentation of investigation results and Analysis of chosen problem
2.Formulate logical conclusions, which are results of investigations and analysis

Basic bibliography:

1. Description of genesis, aim, thesis, and range of investigations and problems analysis
2. Polish-English dictionary
3. Specialist literature (books, conferences proceedings)
4. Lexicons, encyclopedias, technical guides

Additional bibliography:

1. Very well prepared diploma thesis

Result of average student's workload

Activity	Time (working hours)
1. Participation in seminar	18
2. Preparation of diploma	150
3. Laboratory and results analysis	90
4. Consulation with supervisor	30
5. Preparation of presentation	10
6. Preparation to diploma exam	30
7. Participation in diploma exam	1

Student's workload

Source of workload	hours	ECTS
Total workload	329	12
Contact hours	88	4
Practical activities	150	6