STUDY MODULE DESCRIPTION FORM

Name of the module/subject		Code
Diploma seminar		**1010312321010310081**

Field of study	Profile of study (general academic, practical)	Year /Semester
Electrical Engineering	**(brak)**	**1 / 2**
Elective path/specialty	Subject offered in:	Course (compulsory, elective)
Power Networks and Electric Power System	**Polish**	**obligatory**

Cycle of study:	Form of study (full-time,part-time)
Second-cycle studies	**full-time**

No. of hours					No. of credits
Lecture: **-**	Classes: **-**	Laboratory: **-**	Project/seminars:	**15**	**3**

Status of the course in the study program (Basic, major, other)	(university-wide, from another field)
(brak)	**(brak)**

Education areas and fields of science and art	ECTS distribution (number and %)
technical sciences	**3 100%**

Responsible for subject / lecturer:

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Prerequisites in terms of knowledge, skills and social competencies:

1	**Knowledge**	Student has the basic knowledge obtained in time of studies on Electrical Engineering field of studies
2	**Skills**	Student has the ability to indicate and formulate issue and problem in electrical engineering
3	**Social competencies**	Student knows the basic possibilities to acquire knowledge from literature sources

Assumptions and objectives of the course:

Knowledge on problems proposed in the MSc diploma thesis. Choice of the diploma thesis subject and definition of the specific tasks ("title page" preparation). Editorial demands of the thesis. How to carry-out the research work. Gathering of the technical literature in the field and recognition of the opportunities to carry-out laboratory experiments.

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

Knowledge:

1. Student recognizes the development trends in the field of his diploma thesis - [[K_W04++]]
2. Student knows the fundamentals of design the measuring systems and equipment in the scope of electric power engineering. - [[K_W15+]]

Skills:

1. Student is able to learn the information from technical magazines, books and brochures written in Polish and English - [[K_U01+, K_U05++,]]
2. Student can prepare and present a short presentation on target of his thesis - [[K_U04++]]
3. Student is able to asses and suggest solution of the problems and gather the knowledge obtained from different sources - [[K_U15++, K_U16+, K_U19]]

Social competencies:

1. Knows the need and meaning of knowledge transfer and its development - [[K_K02+]]

Assessment methods of study outcomes

Assessment of student?s activity in the scope of tasks connected with MSc thesis.

Assessment of prepared presentations and elements of his thesis ? oral and MM presentation

Course description

Presentation of the research results and chosen question analysis, forming the logical conclusions driven from the undertaken investigations and analyses. Construction of the list of publications mined during the diploma work preparation

Basic bibliography:

1. Vademecum autora, Poznan University of Technology publication - how to prepare the MSc thesis
2. Technical vocabulary Polish-English, English-Polish, other
3. Technical literature - books, magazines, conference proceedings, lexicones
4. Vademecum autora, Poznan University of Technology publication - how to prepare the MSc thesis
5. Technical vocabulary Polish-English, English-Polish, other
6. Technical literature - books, magazines, conference proceedings, lexicones

Additional bibliography:

1. Exemplary MSc thesis prepared previously
2. Exemplary MSc thesis prepared previously

Result of average student's workload

Activity	Time (working hours)
1. Participation in seminar	15
2. Consultations with supervisor	10
3. Review and study of technical literature dealing with the issue of MSc thesis	50
4. Preparation of laboratory stand, preliminary experiments, results analysis	50
5. Preparation of MM presentation in the scope of carried-out research work	15

Student's workload

Source of workload	hours	ECTS
Total workload	140	3
Contact hours	50	2
Practical activities	50	1