

FACULTY OF ELECTRICAL
ENGINEERING**SUBJECT CARD**

Name in Polish: **Praca dyplomowa magisterska**
 Name in English: **Master's thesis**
 Main field of study (if applicable): **Electrical Engineering**
 Specialization (if applicable): **Industrial Electrical Engineering**
 Level and form of studies: **2nd level, part-time**
 Kind of subject: **optional**
 Subject code: **ELR041199D**
 Group of courses: **NO**

| | Lecture | Classes | Laboratory | Project | Seminar |
|--|---------|---------|------------|----------------------|---------|
| Number of hours of organized classes in University (ZZU): | | | | 132 | |
| Number of hours of total student workload (CNPS): | | | | 567 | |
| Form of crediting: | | | | crediting with grade | |
| For group of courses mark (X) final course: | | | | | |
| Number of ECTS points: | | | | 21 | |
| including number of ECTS points for practical (P) classes : | | | | 21 | |
| including number of ECTS points for direct teacher-student contact (BK) classes: | | | | 14.70 | |

PREREQUISITES RELATING TO KNOWLEDGE, SKILLS AND OTHER COMPETENCES**SUBJECT OBJECTIVES****SUBJECT EDUCATIONAL EFFECTS***relating to knowledge:**relating to skills:*

PEK_U01 xx

PEK_U02 xx

relating to social competences:

PEK_K01 xx

PROGRAMME CONTENT

| Form of classes - project | | Number of hours: |
|---------------------------|----|------------------|
| Proj 1 | xx | 132 |
| Total hours: | | 132 |

TEACHING TOOLS USED**EVALUATION OF SUBJECT EDUCATIONAL EFFECTS ACHIEVEMENT**

| Evaluation <i>F – forming (during semester) P – concluding (at semester end)</i> | Educational effect number | Way of evaluating educational effect achievement |
|---|---------------------------|--|
|---|---------------------------|--|

PRIMARY AND SECONDARY LITERATURE**PRIMARY LITERATURE:**

Literature recommended by MSc thesis supervisor.

SECONDARY LITERATURE:

MSc related literature collected by student.

SUBJECT SUPERVISOR

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MATRIX OF CORRELATION BETWEEN EDUCATIONAL EFFECTS FOR SUBJECT
ELR041199D - Master's thesis
AND EDUCATIONAL EFFECTS FOR MAIN FIELD OF STUDY **Electrical Engineering**
AND SPECIALIZATION **Industrial Electrical Engineering**

| Subject educational effect | Correlation between subject educational effect and educational effects defined for main field of study and specialization (if applicable) | Subject objectives | Programme content | Teaching tool number |
|----------------------------|---|--------------------|-------------------|----------------------|
| PEK_U01 | S2ETP_U11 | | Proj1 | |
| PEK_U02 | S2ETP_U11 | | Proj1 | |
| PEK_K01 | K2ETK_K04 K2ETK_K06 | | Proj1 | |