

FACULTY OF ELECTRICAL  
ENGINEERING**SUBJECT CARD**

Name in Polish: **Inżynierska praca dyplomowa**  
 Name in English: **Engineering Thesis**  
 Main field of study (if applicable): **Electrical Engineering**  
 Specialization (if applicable):  
 Level and form of studies: **1st level, part-time**  
 Kind of subject: **optional**  
 Subject code: **ELR051099D**  
 Group of courses: **NO**

|  | Lecture | Classes | Laboratory | Project              | Seminar |
|--|---------|---------|------------|----------------------|---------|
| Number of hours of organized classes in University (ZZU):                        |         |         |            | 90                   |         |
| Number of hours of total student workload (CNPS):                                |         |         |            | 450                  |         |
| Form of crediting:   |         |         |            | crediting with grade |         |
| For group of courses mark (X) final course:                                      |         |         |            |                      |         |
| Number of ECTS points:   |         |         |            | 15                   |         |
| including number of ECTS points for practical (P) classes :                      |         |         |            | 15                   |         |
| including number of ECTS points for direct teacher-student contact (BK) classes: |         |         |            | 10.50                |         |

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

PEU\_U01      xx

PEU\_U02      xx

*relating to social competences:*

PEU\_K01      xx

**PROGRAMME CONTENT**

| Form of classes - project |    | Number of hours: |
|---------------------------|----|------------------|
| Proj 1                    | XX | 90               |
| Total hours:              |    | <b>90</b>        |

**TEACHING TOOLS USED****EVALUATION OF SUBJECT LEARNING OUTCOMES ACHIEVEMENT**

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

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| <b>PRIMARY AND SECONDARY LITERATURE</b>   |
| <b>PRIMARY LITERATURE:</b><br>Literature recommended for the student by his B.Sc. supervisor.                             |
| <b>SECONDARY LITERATURE:</b><br>Literature gathered by the student during the literature survey for the performed thesis. |

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| <b>SUBJECT SUPERVISOR</b> |
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