

FACULTY OF ELECTRICAL
ENGINEERING**SUBJECT CARD**

Name in Polish: **Inżynierska praca dyplomowa**
 Name in English: **Engineering Thesis**
 Main field of study (if applicable): **Industrial Control Engineering**
 Specialization (if applicable):
 Level and form of studies: **1st level, full-time**
 Kind of subject: **optional**
 Subject code: **APR012059D**
 Group of courses: **NO**

	Lecture	Classes	Laboratory	Project	Seminar
Number of hours of organized classes in University (ZZU):				135	
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**TEACHING TOOLS USED****EVALUATION OF SUBJECT LEARNING OUTCOMES ACHIEVEMENT**

Evaluation <i>F - forming (during semester)</i> <i>P - concluding (at semester end)</i>	Educational effect number	Way of evaluating educational effect achievement
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PRIMARY AND SECONDARY LITERATURE**PRIMARY LITERATURE:**

Literature recommended for the student by his B.Sc. supervisor.

SECONDARY LITERATURE:

Literature gathered by the student during the literature survey for the performed thesis.

SUBJECT SUPERVISOR

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