

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**

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

**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

,