

FACULTY ELECTRONICS						
SUBJECT CARD						
Name of subject in Polish:	Praca dyplomowa					
Name of subject in English:	Final Project					
Main field of study (if applicable):	Electronic and Computer Engineering					
Specialization (if applicable):					
Profile:	academic					
Level and form of studies:	1 st level/ full-time					
Kind of subject:	obligatory					
Subject code:	ECEA17100					
Group of courses:	NO					
	Lecture	Classes	Laboratory	Project	Seminar	
Number of hours of organized classes in University (ZZU)						0
Number of hours of total student workload (CNPS)						360
Form of crediting						
For group of courses mark (X) final course						
Number of ECTS points						12
including number of ECTS points for practical (P) classes						10
including number of ECTS points corresponding to classes that require direct participation of lecturers and other academics (BU)						3

*delete as applicable

PREREQUISITES RELATING TO KNOWLEDGE, SKILLS AND OTHER COMPETENCES
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SUBJECT OBJECTIVES

C1: Demonstrate the knowledge and skills acquired during studies

C2: Preparation for the final exam.

C3: Development of creative thinking and taking action. Acquisition of competence appropriate to determine the priorities for the implementation of selected task.

SUBJECT EDUCATIONAL EFFECTS

relating to knowledge:

relating to skills:

Thesis should demonstrate the student has a majority of the following skills:

PEU_U01: Can obtain information from literature, databases and other sources. Can integrate them, make interpretation and critically evaluate.

PEU_U02: Able to plan and carry out experiments, including measurements and computer simulations. Able to interpret the results and draw conclusions.

PEU_U03: Able to formulate and solve problems of analytical methods, simulations and experimental.

PEU_U04: Can formulate and test hypothesis related to the research and engineering problems.

PEU_U05: Able to integrate knowledge from different fields and disciplines. Able to apply a system approach, taking into account the non-technical aspects – such as economic.

PEU_U06: Able to assess the usefulness and the usability of new developments (techniques and technologies) in the discipline represented.

PEU_U07: Able to analyze and evaluate the functioning existing technical solutions – in the scope of engineering disciplines represented. Can make enhancement/improvement of existing technologies.

PEU_U08: Able to interpret the obtained results, draw appropriate conclusions and formulate recommendations

PEU_U09: Can compose a thesis in accordance with the formal requirements.

PEU_U10: Can, using a conceptually new methods – to solve complex engineering tasks specific to the engineering disciplines represented, including unusual tasks.

PEU_U11: Can – according to preset specifications, taking into account the non-technical aspects – design and implement complex device, object, system, or process-related engineering discipline represented using appropriate methods, techniques and tools, if necessary – adapt for this purpose existing or developing new tools.

PEU_U12: Able to think and act in a creative and enterprising ways.

relating to social competences:

PEU_K01 To think and act in a creative way. Able to set priorities.

TEACHING TOOLS USED

N1 Individual work

N2 Consultation

EVALUATION OF SUBJECT LARNING OUTCOMES ACHIEVEMENT

Evaluation (F – forming (during semester), P – concluding (at semester end))	Learning outcomes code	Way of evaluating learning outcomes achievement
F1	PEU_U01 – PEU_U12	Rating thesis by the supervisor
F2	PEU_U01 – PEU_U12	Rating thesis by the reviewer
PRIMARY AND SECONDARY LITERATURE		
<u>PRIMARY LITERATURE:</u> [1] Adjusted individually to the subject		
SUBJECT SUPERVISOR (NAME AND SURNAME, E-MAIL ADDRESS)		
Prof. dr hab. inż. Krzysztof Abramski (krzysztof.abramski@pwr.wroc.pw)		