

FACULTY OF ELECTRICAL
ENGINEERING**SUBJECT CARD**

Name in Polish: **Filozofia**
 Name in English: **Philosophy**
 Main field of study (if applicable): **Control Engineering and Robotics**
 Specialization (if applicable):
 Level and form of studies: **1st level, full-time**
 Kind of subject: **optional / university-wide**
 Subject code: **FLH052011**
 Group of courses: **NO**

	Lecture	Classes	Laboratory	Project	Seminar
Number of hours of organized classes in University (ZZU):	15				
Number of hours of total student workload (CNPS):	30				
Form of crediting:	crediting with grade				
For group of courses mark (X) final course:					
Number of ECTS points:	1				
including number of ECTS points for practical (P) classes :					
including number of ECTS points for direct teacher-student contact (BK) classes:	0.70				

PREREQUISITES RELATING TO KNOWLEDGE, SKILLS AND OTHER COMPETENCES

1. Humanistic knowledge at the level of secondary education.

SUBJECT OBJECTIVES

- C1. To acquaint students with specificity of philosophical reflection with particular emphasis on methods of reasoning.
 C2. Systematize and deepen the knowledge of the basic methods of inference that regulate and organize our knowledge.
 C3. Performance considerations of engineer's activity and to present the issue of social responsibility in science and technology.

SUBJECT EDUCATIONAL EFFECTS*relating to knowledge:*

- PEK_W01 The student gains knowledge of the basic methods of inference (deduction, induction and abduction).
 PEK_W02 The student has knowledge that is essential to understanding and interpreting social and philosophical considerations of engineer's activity.

*relating to skills:**relating to social competences:*

- PEK_K01 The student is aware of the importance of understanding non-technical aspects and of engineer's activity, its consequences and responsibility for undertaken decisions.

PROGRAMME CONTENT

Form of classes - lecture		Number of hours:
Lec 1	The main issues and trends of philosophy	1
Lec 2	The similarities and differences between philosophy and religion	1
Lec 3	The similarities and differences between philosophy and science	1
Lec 4	The basic assumptions of epistemology	1
Lec 5	The basic assumptions of ontology	1
Lec 6	The basic assumptions of ethics	1
Lec 7	The overview of contemporary philosophical thought	2
Lec 8	The basic principles of social philosophy	2
Lec 9	The basic principles of the philosophy of science and technology	2
Lec 10	The problem of social responsibility of science and technology	2
Lec 11	The social and philosophical considerations of engineer's activity.	1
Total hours:		15

TEACHING TOOLS USED

- N1. Multimedia presentation.
N2. Lecture.
N3. Interactive lecture

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
F1(w)	PEK_W01 PEK_W02 PEK_K01	Passing test, active participation in lectures
P(w)	P=F1	

PRIMARY AND SECONDARY LITERATURE

PRIMARY LITERATURE:

- [1] S. Blackburn, Oksfordzki słownik filozoficzny, Warszawa 2004;
- [2] T. Buksiński, Publiczne sfery i religie, Poznań 2011,
- [3] A. Chalmers, Czym jest to, co zwiemy nauką, Wrocław 1997;
- [4] R. M. Chisholm, Teoria poznania, 1994;
- [5] Ch. Frankfort- Nachmiast, D. Nachmiast, Metody badawcze w naukach społecznych, Poznań 2001;
- [6] A. Grobler, Metodologia nauk, Kraków 2004;
- [7] M. Heidegger, Budować mieszkać myśleć, Warszawa 1977;
- [8] M. Heller, Filozofia przyrody, Kraków 2005;
- [9] T. Kuhn, Dwa bieguny, Warszawa 1985;
- [10] B. Latour, Polityka natury, Warszawa 2009;
- [11] E. Martens, H. Schnädelbach, Filozofia. Podstawowe pytania, Warszawa 1995;
- [12] K.R. Popper, Wiedza obiektywna, Warszawa 1992;
- [13] J. Woleński, Epistemologia, Warszawa 2005;
- [14] M. Tempczyk, Ontologia świata przyrody, Kraków 2005.

SECONDARY LITERATURE:

- [1] A. Anzenbacher, Wprowadzenie do filozofii, Kraków 2000;
- [2] R. Goodin, P. Pettit, Przewodnik po współczesnej filozofii politycznej;
- [3] B. Depré, 50 teorii filozofii, które powinieneś znać, Warszawa 2008.

SUBJECT SUPERVISOR

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MATRIX OF CORRELATION BETWEEN EDUCATIONAL EFFECTS FOR SUBJECT FLH052011 - Philosophy AND EDUCATIONAL EFFECTS FOR MAIN FIELD OF STUDY Control Engineering and Robotics

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_W01	K1AiR_W37	C.1 C.2 C.3	Lec1 Lec2 Lec3 Lec4 Lec5 Lec6 Lec7 Lec8 Lec9 Lec10 Lec11	N.1 N.2
PEK_W02	K1AiR_W37	C.1 C.2 C.3	Lec1 Lec2 Lec3 Lec4 Lec5 Lec6 Lec7 Lec8 Lec9 Lec10 Lec11	N.1 N.2
PEK_K01	K1AiR_K02	C.1 C.2	Lec8 Lec10 Lec11	N.1 N.2 N.3