DOCTORAL SCHOOL OF WROCŁAW UNIVERSITY OF SCIENCE AND TECHNOLOGY

SUPERVISOR/TEAM/ DECLARING/CONDUCTING COURSE: Prof. Krzysztof Tchoń
DEPARTMENT Cybernetics and Robotics

COURSE CARD

Course name in Polish: Seminarium podstaw cybernetyki i robotyki
Course name in English: Seminar of basis of cybernetics and robotics
Course language Polish / ~~English*~~
Specialized courses for PhD students receiving education in discipline*: Automation, electronics and electrotechnics
3) seminar in discipline or interdisciplinary

Subject code: AEQ100160S

* delete as applicable

	Lecture	Foreign language course	Seminar	Mixed forms
Number of hours of organized classes in university (ZZU)			15	
Grading			Oral presentation	

PREREQUISITES RELATING TO KNOWLEDGE, SKILLS AND OTHER COMPETENCES

1. Advanced interest in cybernetics and robotics

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COURSE OBJECTIVES
C1 Knowledge acquisition in the scientific discipline of the PhD
C2 Praticing skill of disseminating research results, initiating scientific debates, and participating in scientific discourse
C3 Presentation of own resuts

PROGRAM CONTENTS

Form of classes – lecture (Lec)	Number of hours
Lec1	
Lec2	
Lec3	
….	
Total hours:	

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Form of classes – foreign language course (Lng)		Number of hours
Lng1		
Lng2		
Lng3		
..		
	Total hours:	

Form of classes – seminar (Sem)		Number of hours
Sem1	Overviews prepared by seminar attendees of the state of the art and the problem situation related to the subject of their PhD, and individual presentations of their own results with focus on their original contributions, subject to discussion within the seminar group	10
Sem2	Listening to lectures given by the members of the Department of Cybernetics and Robotics as well as by invited guests	5
	Total hours:	15

Form of classes – mixed forms (mix)		Number of hours
Mix1		
Mix2		
Mix3		
…		
	Total hours	

TEACHING TOOLS USED
N1. Multimedia presentation
N2. Problem discussion
N3. Individual work

ACHIEVED SUBJECT LEARNING OUTCOMES		
Type of learning outcome	Code of learning outcome	Assessment of learning outcome
Knowledge	P8S_WG	Presentation, discussion
Skills	P8S_UW	Presentation, discussion

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PRIMARY AND SECONDARY LITERATURE

<u>**PRIMARY LITERATURE:**</u>

[1] Current publications related to the subject of PhD of participants

<u>**SECONDARY LITERATURE:**</u>

[1] Springer Handbook of Robotics, B. Siciliano, O. Khatib (red.), Springer, 2008, 2016
[2] Springer Handbook of Automation, Sh. Y. Nof (red.), Springer, 2009
[3] Kodeks etyki pracownika naukowego, PAN, Warszawa, 2017
[4] Ch. A. Mack „How to write a good scientific paper?", SPIE, Bellingham, 2018

SUBJECT SUPERVISOR (NAME AND SURNAME, E-MAIL ADDRESS)

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