DOCTORAL SCHOOL OF WROCLAW UNIVERSITY OF SCIENCE AND TECHNOLOGY

SUPERVISOR/TEM/DECLARING/CONDUCTING COURSE: dr inż. arch. Tomasz Głowacki
DEPARTMENT: K-5, W-1

COURSE CARD

Course name in Polish:
Architektura progresywna ostatniego ćwierćwiecza.
Course name in English:
The Progressive Architecture Last Quarter of a Century .

Course language - *English*

University-wide general course type:
1) basic course (**other**)
Type of course - optional
Interactive classes (lecture+ seminar)

Subject code: AUQ100144W

	Lecture	Laboratory	Seminar	Different forms
Number of hours of organized classes in University (ZZU)	15	-	15	
Form of crediting	Exam	~~Exam~~	Oral presentation	~~Exam inspections, evaluation classes~~

PREREQUISITES RELATING TO KNOWLEDGE, SKILLS AND OTHER COMPETENCES

1. Basic knowledge of the history of architecture.
2. Basic knowledge of the theory of architecture.
3. The ability of multimedia presentation and discussion.

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COURSE OBJECTIVES

C1. Acquaint doctoral students with distinctive objects of the latest architecture.
C2. Developing skills in architectural analysis, in drawing conclusions and in comprehensive thinking in shaping the theory of architecture.
C3. Ability to formulate theses and their defense.

PROGRAM CONTENTS

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Form of classes – lecture (Lec)		Number of hours
Lec 1	Purpose and program of the seminar. Principles of selection of architectural example and its presentation.	1
Lec 2	Architecture of artificial topography	2
Lec 3	Architecture of continuity of space - folding, the theory of " the fold"	2
Lec 4	Architecture of absence - translocation, camouflage, illusions	2
Lec 5	Super transparent architecture	2
Lec 6	Ethereal and virtual architecture	2
Lec 7	Interactive architecture and architecture from living matter	2
Lec 8	Writing a short essay (2-4 A4 pages)	2
	Total hours	**15**

Forma zajęć – seminarium (Sem)		Liczba godzin
Sem 1	Architecture of artificial topography	2
Sem 2	Architecture of continuity of space - folding, the theory of " the fold"	2
Sem 3	Architecture of absence - translocation, camouflage, illusions	2
Sem 4	Super transparent architecture	2
Sem 5	Ethereal and virtual architecture	2
Sem 6	Interactive architecture	2
Sem 7	Architecture from living matter	2
Sem 8	Discussion summarizing the qualities and beauty of the progressive architecture last quarter of a century	1
	Total hours	**15**

TEACHING TOOLS USED

N1. lecture: informative lecture with elements of the problem lecture (notebook, laptop).

N2. lecture and seminar: multimedia presentation. (projector)

N3. seminar: multimedia presentation, consultations and didactic discussion as part of consultations

ACHIEVED SUBJECT LEARNING OUTCOMES

Type of learning outcome	Code of learning outcome	Assessment of learning outcome
Knowledge	**PEK_W01 P8U_WS**	exam
Knowledge	**PEK_W02 P8S_WG**	exam
Skills	**PEK_U01 P8U_U**	presentation / final essay
Skills	**PEK_U01 P8S_UK**	presentation / participation in the discussion
Social competence	**PEK_K01 P8S_KK**	participation in the discussion / attendance

PRIMARY AND SECONDARY LITERATURE

PRIMARY LITERATURE:

[1] Bell M., Kim J., *Engineered Transparency – The Technical, Visual, and Spatial Effects of Glass*, New York 2009

[2] Betsky A., *Landscraper. Building with the Land*, London 2002

[3] Cross S. (coordination), *The Metapolis Dictionary of Advanced Architecture. City, Technology and Society in the Information Age*, Barcelona 2003

[4] Gray D., *European Union Prize for Contemporary Architecture: Mies van der Rohe Award*, ACTAR Barcelona, New York , 2003, 2005, 2007, 209, 2011

[5] Gray D., *Constracting Europe: 25 Years of Architecture*, Barcelona 2013

[6] Jencks Ch., *The Architecture of the Jumping Universe. A Polemic: How Complexity Science is Changing Architecture and Culture*, Chichester 1997

[7] Hebel D, Heisel, F., Wisniewska M, *Building from Waste: Recovered Materials in Architecture and Construction*, Birkhäuser 2014

[8] Jodidio P., *Architecture Now! (1-9)*, TASCHEN, Köln 2002-2014

[9] Moussavi F., Kubo M.,*The Function of Ornament*, Barcelona 2006

[10] Kaltenbach F. (editor); *Translucent Materials. Glass, Plastic, Metals*; Munich 2004

[11] Knaack U., Klein T., Bilow M.; *Imagine 01.Facades*; Rotterdam 2008

[12] Prestinenza Puglisi L., *New Dirrections in Contemporary Architecture*, Chichester 2008

[13] Ruby I., Ruby A.: *Groundscapes*, Barcelona 2006

[14] Schittich, Staib, Balkow, Schuler, Sobek; *Glass Constraction Manual*, Munich 2007

[15] Soriano D. (coordination), *Verb Natures*, Architecture Boogazine, Barcelona 2006

[16] Wines J., *Zielona Architektura*; Taschen/ TMC Art, Köln 2000, polskie wyd. 2008

[17] Wisłocka Izabella, *Dom i miasto jutra*, Arkady, Warszawa 1971

SECONDARY LITERATURE:

[1] Białostocki Jan, *Teoretycy, pisarze i artyści o sztuce 1500-1600*, Warszawa 1985

[2] Buadrillard Jean, *Symulakry i symulacja*, Wyd. Sic!, Warszawa 2005

[3] Budak A. (redakcja), *Co to jest architektura? Antologia tekstów*, Kraków 2002

[4] Budak A. (redakcja), *Co to jest architektura? Antologia tekstów Vol. 2*, Kraków 2008

[5] Calvino I., *Wykłady amerykańskie*, Gdańsk, Warszawa 1996

[6] Le Corbusier, *The Modulor - a harmonious measure to the human scale*, London 1979

[7] Eco U., *Historia piękna*, Poznań 2012

[8] Ghyka C. M., *Złota liczba. Rytuały i rytmy pitagorejskie w rozwoju cywilizacji zachodniej*, Kraków 2001

[9] Gray D., *European Union Prize for Contemporary Architecture: Mies van der Rohe Award*, ACTAR Barcelona, New York , 2003, 2005, 2007, 209, 2011

[10] Gray D., *Constracting Europe: 25 Years of Architecture*, Barcelona 2013

[11] Harari Yuval Noah, *Homo deus: krótka historia jutra*, Wyd. Literackie, Kraków 2018

[12] Harari Yuval Noah, *21 lekcji na XXI wiek*, Wyd. Literackie, Kraków 2018

[13] Jencks Ch., Kropf K., *Teorie i Manifesty Architektury Współczesnej*, Warszawa 2013

[14] Jodidio P., *Architecture Now! (1-9)*, TASCHEN, Köln 2002-2014

[15] Kuspit D., *Koniec sztuki*, Gdańsk 2006

[16] Tatarkiewicz W., *Dzieje sześciu pojęć*, Warszawa 2012, wyd. I 1975

[17] Thompson L. Richard, *Maja. Świat jako rzeczywistość wirtualna*. Patra, Wrocław 2004

[18] Witruwiusz, *O architekturze ksiąg dziesięć*, Warszawa 1999

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

   PhD Eng. architect Tomasz Głowacki, glowacki@paglowacki.pl