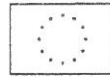


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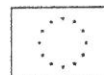
Politechnika Śląska
Wydział Architektury
DZIEKANAT
(faculty stamp)
44-100 Gliwice, ul. Akademicka 7
Tel. 237 12 10, 237 27 28, 237 24 91

COURSE DESCRIPTION

1. Course title: HEALTH CARE OBJECTS DESIGN		2. Course code: RAR-5-SSII-III - HCOD		
3. Validity of course description: 2018/2019				
4. Level of studies: MSc programme				
5. Mode of studies: Full-time studies				
6. Field of study: Architecture				
7. Profile of studies: General academic profile				
8. Programme: -				
9. Semester: 3				
10. Faculty teaching the course: Faculty of Architecture, Department of Design and Qualitative Research in Architecture				
11. Course instructor: Michał Tomanek PhD DSc Eng. Arch.				
12. Course classification: optional				
13. Course status: elective				
14. Language of instruction: English				
15. Pre-requisite qualifications: None				
16. Course objectives: The main purpose is to acquire relevant, appropriate knowledge of designing health care objects, methodology of preparing process plan and medical technology based on medical procedures and general and particular rules of designing. To obtain knowledge of health care objects functions, structure, installations, forms To get knowledge of health care objects building processes				
17. Description of learning outcomes:				
Nr	Learning outcomes description	Method of assessment	Teaching methods	Learning outcomes reference code
1	Knowledge of theory and advanced principles of architectural and urban design.	Colloquium	Lecture	K2A-W01
2	Knowledge of construction law as well as technical and construction regulations.	Colloquium	Lecture	K2A-W03
3	Knowledge of history and theory of architecture, urban planning theory, fine arts, technical sciences and arts.	Colloquium	Lecture	K2A-W04
4	Knowledge necessary to understand social, legal and other extra-technical factors of an engineering	Colloquium	Lecture	K2A-W08



	activity and to consider them in an engineering practice.			
5	Knowledge of design economics and organization of procedures connected with an investment process.	Colloquium	Lecture	K2A-W11
18. Teaching modes and hours Lecture - 30				
19. Syllabus description: Lectures: <ol style="list-style-type: none"> 1. Explanation of main terms 2. History of medicine and health care object architecture 3. Medical procedures 4. Medical technology 5. Creating main functional groups of health care objects 6. Connections between main functional groups and particular functions of health care objects 7. Health care objects designing rules and principles 8. Health care objects legislation 				
20. Examination: No				
21. Primary sources: <ul style="list-style-type: none"> • Juraszyński J. – „Projektowanie obiektów służby zdrowia”. Arkady 1973 • Monk T. – Hospital Builders. Wiley Academy • Brzeziński T. – „Historia Medycyny” • Podczaska-Wyszyńska W. - "Projektowanie zakładów leczniczych dla dzieci i młodzieży", Arkady Warszawa 1977 • "Internistyczna intensywna terapia i opieka pielęgniarska" pod redakcją Teresy Widomskiej - Czekajskiej, Państwowy Zakład Wydawnictw Lekarskich, Warszawa 1991 • "Blok operacyjny - organizacja i funkcjonowanie" Materiały konferencji naukowo - szkoleniowej, Warszawa, 5-6 czerwca 2003 				
22. Secondary sources: <ul style="list-style-type: none"> • Neufert E. - "Podręcznik projektowania architektoniczno-budowlanego". Arkady 1980 r. • Sadowski I. - Akustyka w urbanistyce, architekturze i budownictwie, Arkady, Warszawa 1971 r. . • Twarowski M.- Słońce w architekturze, Arkady, Warszawa 1970 r • Rozporządzenie w sprawie warunków technicznych jakim powinny odpowiadać budynki i ich usytuowanie. • Jaśkiewicz J. - Układy modułowe w kompozycji architektonicznej, Wyd. Politechniki Warszawskiej, Warszawa 1981 • Kleyff Z. - Koordynacja modułowa w budownictwie. Arkady, Warszawa 1958 • Krause M. - Ergonomia - praktyczna wiedza o pracującym człowieku i jego środowisku. Śląska Organizacja Techniczna, Katowice 1992 				



23. Total workload required to achieve learning outcomes

Lp.	Teaching mode :	Contact hours / Student workload hours
1	Lecture	30/30
2	Classes	0/0
3	Laboratory	0/0
4	Project	0/0
5	BA/ MA Seminar	0/0
6	Other	0/0
	Total number of hours	30/30

24. Total hours: 60

25. Number of ECTS credits: 2

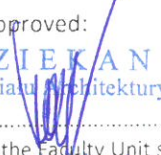
26. Number of ECTS credits allocated for contact hours: 1

27. Number of ECTS credits allocated for in-practice hours (laboratory classes, projects): 0

26. Comments:



 (date, Instructor's signature)

Approved:
DZIEKAN
 Wydział Architektury


 (date, the Director of the Faculty Unit signature)
 dr hab. inż. arch. Klaudiusz Fross