

COMPLEX DESIGN -I

2025/26. 1. SEMESTER

DATAS			
sCOURSE NAME	COMPLEX DESIGN I		KOMPLEX TERVEZÉS I
COURSE CODE(S)	YAXKT1FMNF		
DEPARTMENT	Óbuda University, Ybl Miklós Faculty of Architecture, Institute of Architecture		
PROGRAMME, TRAINING	Architect MSc		full time
COURSE INSTRUCTOR (Instructor managing the course)	Alnatour Lama Basem	natour.lama@ybl.uni-obuda.hu	Personal consultation email appointment by appointment. During the online training period on Zoom.
	Debreczeni Péter	debreczeni.peter@ybl.uni-obuda.hu	Personal consultation email appointment by appointment. During the online training period on Zoom.
PRE-REQUIREMENT	-		
HOURS OF LECTURES (WEEKLY)	2 hours		
HOURS OF CLASSROOM TRAINING/ LABORATORY TRAINING (WEEKLY)	4 hours		
FIELD WORK AND TRAINING (WEEKLY)	0 hours		
ASSIGNMENT	Lectures during the semester with immediate evaluation. At the end of the semester, submit the assignment (upload to the online interface) and present a presentation. A grade is proposed by the consultant and has given by the lead instructor.		
CREDITS	8 credits (ECTS)		
AIM OF THE COURSE, BRIEF DESCRIPTION	The aim of the course is to deepen the complex knowledge about architecture, through design as a creative process. An important element of the semester is the analysing of problem understanding, task management, choice of research methodology and application. Developing a confident architect's attitude to the relationship between the place's time and vision in the given task. The activity of the students in a dense urban environment and the planning task are only a tool to acquire and enrich proficiency and knowledge. The concrete work will take place in several locations in Budapest connected for the inner part. The preparation of a scientific student dissertation from the semester plan is strongly recommended, even if not mandatory!		
RECOMMENDED LITERATURE	Neufert. In addition, resources recommended by consultants for specific task choices.		
REQUIRED TECHNICAL APPLIANCES/ SOFTWARE	In case of online teaching: Contact: Neptune system, E-learning and e-mail. (as someone on facebook.) Curriculum: usually found in the E-learning system Keeping lessons: On links indicated in the e-learning system, e.g. In zoom system		

WEEK	LECTURES	Outcome	FORM OF TRAINING	PROGRAM OF TRAINING on Wednesdays 10:45-17:00 at C-1 /C-2 Rooms
1. 09/ Sep	Introduction: What is Design Thinking?	Framing design as problem-solving + storytelling.	Starting	Introduction of the first task

2. 16/ Sep	Context Matters	Site, climate, culture, history. How context shapes design.	Studio	Semester assignment consultation
3. 23/ Sep	The User & Human Experience	Empathy mapping, psychology, daily rituals, accessibility.	Studio	Semester assignment consultation
4. 30/ Sep	Concept Development	From intuition - metaphor - spatial idea.	First presentation	1. Presentation 1: 200 scale model, 1:50 scale drawings and views, evaluations Semester 20 points
5. 07/ Oct	Form, Space & Order	Gestalt, hierarchy, rhythm, proportion.	Studio	Introduction of the second task
6. 14/ Oct	Typologies & Precedents	Learning from past buildings, adapting models.	Studio	Semester assignment consultation
7. 21/ Oct	Materiality & Atmosphere	Translating ideas into physical structures. Standards. Technical knowledge.	Studio	Semester assignment consultation
8. 28/ Oct	Materiality & Atmosphere 02	Translating ideas into physical structures. Standards. Technical knowledge.	Second presentation	Presentation Semester assignment first sketch design presentation 1: 200 scale 2-5 important views. model(s) max. 20 points.
9. 04/ Nov	Sustainability & Adaptation	Passive strategies, resilience, future-proofing.	Studio	Semester assignment consultation
10. 11/ Nov	Integration	Structure, MEP, and design synergy.	Studio	Semester assignment consultation
18/ Nov				Rector Holiday
11. 25/ Nov	From Vision to Reality	Scale, detail, drawings, models.	Third presentation	Presentation Semester assignment presentation.: Final installation and its all plans. 1: 100 scale, 2-5 important view, max. 30 points
12. 02/ Dec	Public/ Private Gradients	mapping transitions in a chosen precedent.	Studio	Semester assignment consultation
13. 09/ Dec			Final Presentation	3. Presentation Semester assignment presentation.: Final installation and its all plans. 1: 100 scale, 2-5 important view, 30 points
		12/December	final give in deadline (upload not later than 23:59)	
			signature replacement exam (replacement submission) this is subject to a fee and prior application in the first three week of the exam period	

REQUIREMENTS FOR THE COMPLETION OF THE SEMESTER		
MID-SEMESTER TASKS AND TESTS		
Requirement	Description	Value (point, %, grade)
PARTICIPATION AT LESSONS	The practice lessons can be missed up to three times (see § 46 ETVSZ) Important: Presence only counts with presentation of the material to consult.	-
IN CASE OF ABSENCE FROM LESSONS AND EXAMINATIONS	Absence is considered to be justified with a medical certificate presented.	-
Short description of the TASKS	An important part of the task is getting to know / understanding. Research and synthesis. Have to understand the place and the function. Enrichment of preview stock / reference base, and at a given point in space and time MAKING DECISION: every action we take has / will have weight. The goal is to develop the concept and think about it together with the consultant And the task is to convert it into architecture / design. ...And presentation.. The work can be started in a team of 2 people and it is recommended to start, so TEAMWORK. The tasks: The first little task is to design a little building, make a physical (work) modell and correct drawing, floorplans, sections and elevations, with views in 1:50 scale, with a little toilets at least. The main semester project is a public building desing to a concrete plot given by us.	small task: maximum 20 points the main task:30+30+20 points altogether: 100 points

SEMESTER CLOSING REQUIREMENTS					
CONDITIONS FOR OBTAINING A SIGNATURE	SEMESTER ASSIGNMENT FINAL FORM: First little task a/3 booklet printed on paper Study part A/3 booklet in digital format concatenated PDF save. Expected size is 25-30 pages, approximately 50-70% figure / image material included. Plan work piece 100x200 cm portrait format edited, PDF save. Printed and glued to a hard board. Min-max. file size: 20 MB - 200 Megabytes, try to achieve 300dpi resolution before converting pdf. Plans and studies must be uploaded to a specific cloud-based repository by the deadline. Submission is considered a successful upload available by the consultant. CONDITIONS FOR OBTAINING A SIGNATURE: Submission of the Semester assignment (after consultation throughout the semester!) • Completion of SEMESTER ASSIGNMENT with at least sufficient (2) results. • Participation in exercises according to the above requirements. • The first (little) task and study booklet is completed. If any of the above is not met, the semester will be denied. HOW THE QUALIFICATION IS ESTABLISHED: Five-digit grade based on half-year performance. A to obtain a signature examination on one of the first 10 days of the examination period, on the date of the examination to be announced in Neptun. This may be used to correct a page of a plan that has been submitted in full and on time, or if the delay is due to an administrative obstacle accepted by the instructor, e.g. a problem with uploading. This exam is subject to a fee.				
	SEMESTER GRADE	up to 49 points 1 - FAIL	50-59 points 2 - PASS	60-69 points 3 - SATISFACTORY	70-79 points 4 - GOOD 80-100 points 5 - EXCELLENT