

Akashi College		Year	2024		Course Title	Architectural Design Studio IVB
Course Information						
Course Code	6429		Course Category	Specialized / Compulsory		
Class Format	Seminar		Credits	Academic Credit: 4		
Department	Architecture		Student Grade	4th		
Term	Second Semester		Classes per Week	4		
Textbook and/or Teaching Materials						
Instructor	MOTOZUKA Tomoki,YEGANE GHEZELLOO,					
Course Objectives						
(1)To design a town hall, rationally organize the flow lines of various people, zoning of different functional spaces, and acquire skills to structure a complex architectural space. (2)To design a collective housing building, with private, semi-private, semi-public, and public spaces, where the residents can know each other and have a sense of belonging to the area. (3)To design considering the zoning, the site and neighboring area, and scenery. (4) To develop the ability to express a proposal content for architectural design in clear Japanese, and respond to questions and other opinions. (5)To make the various architectural drawings using CAD software.						
Rubric						
	Ideal Level		Standard Level		Unacceptable Level	
Achievement 1	The students can well design functionally complicated buildings such as an accommodation.		The students can design functionally complicated buildings such as an accommodation.		The students can not design functionally complicated buildings such as an accommodation.	
Achievement 2	The students can well design an apartment complex with a stepwise spatial structure.		The students can well design an apartment complex with a stepwise spatial structure.		The students can well design an apartment complex with a stepwise spatial structure.	
Achievement 3	The students can well design considering, the site and neighboring area, and scenery.		The students can design considering, the site and neighboring area, and scenery.		The students can not design considering, the site and neighboring area, and scenery.	
Achievement 4	The students can well explain and present their design ideas.		The students can explain and present their design ideas.		The students can not explain and present their design ideas.	
Achievement 5	The students can well produce architectural drawings using CAD software.		The students can produce architectural drawings using CAD software.		The students can not produce architectural drawings using CAD software.	
Assigned Department Objectives						
Teaching Method						
Outline	To learn about the social impact and development process of architecture and space. The instructors will support the process of learning that narrows down the direction of design that each student deems desirable based on various information. Kazuyuki Matsumori works for Akio Kamiya Architectural Laboratory and has been engaged in architectural design since 2004.					
Style	At each stage of the design, show precisely how to think to create good architecture.					
Notice	From daily life, students are expected to heighten their interest in various topics in the field of architecture. To proactively experience site and visit architectural buildings. Learn methods and attitudes effective in architectural design, as well as develop an independent opinion. Students who miss 1/3 or more of classes will not be eligible for evaluation.					
Characteristics of Class / Division in Learning						
<input checked="" type="checkbox"/> Active Learning		<input checked="" type="checkbox"/> Aided by ICT		<input checked="" type="checkbox"/> Applicable to Remote Class		<input type="checkbox"/> Instructor Professionally Experienced
Course Plan						
			Theme	Goals		
2nd Semester	3rd Quarter	1st	Guidance 1st Assignment: Design accommodation (1)	To understand assignment. Gather information about the site and the related building code laws. Design drafts, gather all the information necessary to design an accommodation.		
		2nd	1st Assignment: Design accommodation (2)	Under the orientation of the professor the students should develop several design study drawings (sketches). Handle the design drafts.		
		3rd	1st Assignment:Design accommodation (3)	Design process using CAD I: Architectural design composition and position in the site.		
		4th	1st Assignment:Design accommodation (4)	Design process using CAD II: clarify the designed space, construction of floor plan and section drawings		
		5th	1st Assignment:Design accommodation (5)	Design process using CAD III: Site plan, floor plan, a cross-sectional, elevation, etc., verify the consistency between each drawing.		
		6th	1st Assignment:Design accommodation (6) Final Presentation	Design process using CAD IV: Facade and landscape design. Enrich the drawing representation by using CG 3D views.		
		7th	Lecture on housing complex	Design presentation: Each student should explain their design to the class and critically participate. Perform correction of the pointed out parts.		

		8th	2nd Assignment: Design housing complex (1)	To understand assignment. Gather information about the site and the related building code laws. Design drafts, gather all the information necessary to design a housing complex.
	4th Quarter	9th	2nd Assignment: Design housing complex (2)	To determine the approximate size of the housing complex, carry out the shade regulation test. Under the orientation of the professor the students should develop several design study drawings (sketches). Handle the design drafts.
		10th	2nd Assignment: Design housing complex (3)	Design process using CAD I: Architectural design composition and position in the site.
		11th	2nd Assignment: Design housing complex (4)	Design process using CAD II: clarify the designed space, construction of floor plan and section drawings
		12th	2nd Assignment: Design housing complex (5)	Design process using CAD III: Site plan, floor plan, a cross-sectional, elevation, etc., verify the consistency between each drawing.
		13th	2nd Assignment: Design housing complex (6)	Design process using CAD IV: clarify the designed space, construction of floor plan and section drawings.
		14th	2nd Assignment: Design housing complex (7)	Design process using CAD V: Facade and landscape design. Enrich the drawing representation by using CG 3D views.
		15th	2nd Assignment: Design housing complex (8) Final Presentation	Design presentation: Each student should explain their design to the class and critically participate. Perform correction of the pointed out parts.
		16th	No End-term Exam	

Evaluation Method and Weight (%)

	Drawings	Presentation	Drafts	Behavior	Report	Other	Total
Subtotal	70	10	10	0	10	0	100
Basic Proficiency	0	0	0	0	0	0	0
Specialized Proficiency	70	10	10	0	10	0	100
Cross Area Proficiency	0	0	0	0	0	0	0