

Akashi College		Year	2022	Course Title	Architectural Design Studio IVB
Course Information					
Course Code	4424		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	MIZUSHIMA Akane,KAMIYA Akio,MOTOZUKA Tomoki				
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 a governmental building.		The students can design functionally complicated buildings such as a governmental building.		The students can not design functionally complicated buildings such as a governmental building.
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. Akio Kamiya is the founder of Akio Kamiya Architectural Laboratory and has been engaged in architectural design for 32 years.				
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 attendance is required, and only a maximum of 5 absences is excused.				
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 collective housing building (1) Lecture on town planning and community housing	To understand assignment. Gather information about the site and the related building code laws. Design drafts, gather all the information necessary to design a community housing	
		2nd	1st Assignment: Design collective housing building (2) Visit to the site	T 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.	
		3rd	CAD practice: Sumiyoshi row house	Exucution of architectural drawing using CAD.	
		4th	1st Assignment: Design collective housing building (3)	Design process using CAD II: Architectural design composition and position in the site.	
		5th	1st Assignment: Design collective housing building (4)	Design process using CAD III: clarify the designed space, construction of floor plan and section drawings	
		6th	1st Assignment: Design collective housing building (5)	Design process using CAD IV: Site plan, floor plan, a cross-sectional, elevation, etc., verify the consistency between each drawing.	
		7th	1st Assignment: Design collective housing building (6)	Design process using CAD VI: Facade and landscape design. Enrich the drawing representation by using CG 3D views.	
		8th	No Mid-term Exam		

4th Quarter	9th	2nd Assignment: Design town hall building (1)	Design presentation: Each student should explain their design to the class and critically participate. Perform correction of the pointed out parts.
	10th	1st Assignment: Design collective housing building (8) final presentation	To understand assignment. Gather information about the site and the related building code laws. Design drafts, gather all the information necessary to design a government office building
	11th	2nd Assignment: Design town hall building (3)	Field trip
	12th	2nd Assignment: Design town hall building (4)	Design drafts presentation. Develop the design process by using CAD.
	13th	2nd Assignment: Design town hall building (5)	Design process using CAD III: clarify the designed space, construction of floor plan and section drawings
	14th	2nd Assignment: Design town hall building (6)	Design process using CAD VI: Facade and landscape design. Enrich the drawing representation by using CG 3D views.
	15th	2nd Assignment: Design town hall building (7) 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	Portfolio	Other	Total
Subtotal	70	10	20	0	0	0	100
Basic Proficiency	0	0	0	0	0	0	0
Specialized Proficiency	70	10	20	0	0	0	100
Cross Area Proficiency	0	0	0	0	0	0	0