

Akashi College		Year	2022	Course Title	Architectural Design Studio I B
Course Information					
Course Code	4119		Course Category	Specialized / Compulsory	
Class Format	Seminar		Credits	Academic Credit: 2	
Department	Architecture		Student Grade	1st	
Term	Second Semester		Classes per Week	2	
Textbook and/or Teaching Materials	コンパクト建築設計資料集成（日本建築学会、丸善株式会社）建築のしくみ（安藤直見他、丸善株式会社）建築設計製図（松本明、学芸出版）				
Instructor	HIGASHINO Adriana P.,KAKUNO Yoshinori				
Course Objectives					
(1) To became able to imagine and explain architectural forms and the structure of space. (2) To understand the meaning of concept or design purpose in architectural design, and to explain architectural forms. (3) To be able to develop ideas freely, untied to preconceptions or prejudice. (4)To understand the characteristics of drafting tools and how and use them. (5) To be able to draw architectural drawings by hand using different types of lines (about 3 types). (6)To understand measurement units and scale and reflect it in the drawing. (7) To understand the meaning of text information and the dimensions in an architectural drawing and be able to use it. (8) To understand the principles of the layout of a drawing, and to be able to well balanced arrange diagrams, pictures, and text information of a drawing. (9)To produce a three-dimensional representation of a building by using orthographic projection, parallel projection drawing, and one-point perspective views. (10)To be able to draw architectural drawings beautifully and with precision. (11)To be able to use architectural drawings information to execute three-dimensional models (architectural model).					
Rubric					
	Ideal Level		Standard Level		Unacceptable Level
(1)architectural space	The student can perfectly imagine and explain architectural forms and the structure of space.		The student can imagine and explain architectural forms and the structure of space.		The student can not imagine and explain architectural forms and the structure of space.
(2)concept	The student well understands the meaning of the concept in architectural design, and can well explain architectural forms.		The student understands the meaning of the concept in architectural design, and can explain architectural forms.		The student doesn't understand the meaning of the concept in architectural design, and can not explain architectural forms.
(3)free ideas	The student well develops ideas freely.		The student develops ideas freely.		The student doesn't develop ideas freely.
(4)drafting tools	The student well understands the characteristics of drafting tools, and can well use the tools.		The student understands the characteristics of drafting tools, and can well use the tools.		The student doesn't understand the characteristics of drafting tools, and can well use the tools.
(5) hand draw line	The student can well draw architectural drawings by hand using different types of lines.		The student can draw architectural drawings by hand using different types of lines.		The student can not draw architectural drawings by hand using different types of lines.
(6) scale and text	The student well understands measurement units and scale and can reflect it in his/her drawings.		The student understands measurement units and scale and can reflect it in his/her drawings.		The student doesn't understand measurement units and scale.
(7) layout	The student well understands the principles of the layout, and can well arrange diagrams, pictures, and text information in a drawing.		The student understands the principles of the layout, and can well arrange diagrams, pictures, and text information in a drawing.		The student doesn't understand the principles of the layout.
(8) 3D	The student can well produce a three-dimensional representation of a building.		The student can produce a three-dimensional representation of a building.		The student can not produce a three-dimensional representation of a building.
(9) 2D	The student can produce architectural drawings beautifully and with precision.		The student can produce architectural drawings.		The student can not produce architectural drawings.
(10) models	The student can well make three-dimensional models.		The student can make three-dimensional models.		The student can not make three-dimensional models.
Assigned Department Objectives					
Teaching Method					
Outline	In Architectural Design Studio I the students acquire the skills necessary for architectural design. This course aims to train the students to think freely, to learn the basic knowledge of design, and to design architecture according to the specified condition. The students will understand the drafting rules for architecture, and how to draw lines by hand, the concept of scale and measurement units how to use text information. The student will be able to express his design ideas through drawing.				
Style	Learn to draft and to design through the execution of assignments. The student will be able to express his design ideas through drawing. Two instructors and technical staff carry the classes.				
Notice	Submit a pre-assignment (summer vacation homework). This course requires 90 hours of self-study time. The students are required to secure sufficient time for the production of each assignment and respect the submission deadline. Students attendance is required, and only a maximum of 4 absences is excused.				
Characteristics of Class / Division in Learning					
<input checked="" type="checkbox"/> Active Learning		<input type="checkbox"/> Aided by ICT		<input checked="" type="checkbox"/> Applicable to Remote Class	
				<input type="checkbox"/> Instructor Professionally Experienced	
Course Plan					

2nd Semester r	3rd Quarter		Theme	Goals			
		1st	Explanation of course schedule Assignment 1: "A House for The Alien from Baltan " Submission Summer Vacation Assignment	To became able to imagine and explain architectural forms and the structure of space. To understand the meaning of concept or design purpose in architectural design, and to explain architectural forms.The student well develops ideas freely.			
		2nd	Assignment 2: "1 point perspective "	To produce a three-dimensional representation of a building by using orthographic projection, parallel projection drawing, and one-point perspective views.			
		3rd	Assignment 1: "A House for The Alien from Baltan " Development of ideas and sketches.	To became able to imagine and explain architectural forms and the structure of space. To understand the meaning of concept or design purpose in architectural design, and to explain architectural forms.The student well develops ideas freely.			
		4th	Assignment 1: "A House for The Alien from Baltan " Presentation of sketches and discussion in groups. (Submission Assignment 2)	To became able to imagine and explain architectural forms and the structure of space. To understand the meaning of concept or design purpose in architectural design, and to explain architectural forms.The student well develops ideas freely.			
		5th	Assignment 1: "A House for The Alien from Baltan " (Submission study models)	To be able to use architectural drawings information to execute three-dimensional models (architectural model).			
		6th	Assignment 1: "A House for The Alien from Baltan " Development of ideas and sketches.	To be able to draw architectural drawings by hand using different types of lines (about 3 types). To understand measurement units and scale and reflect it in the drawing.To understand the meaning of text information and the dimensions in an architectural drawing and be able to use it.To understand the principles of the layout of a drawing, and to be able to well balanced arrange diagrams, pictures, and text information of a drawing.			
		7th	Assignment 1: "A House for The Alien from Baltan " Development of ideas and sketches.	To be able to draw architectural drawings by hand using different types of lines (about 3 types). To understand measurement units and scale and reflect it in the drawing.To understand the meaning of text information and the dimensions in an architectural drawing and be able to use it.To understand the principles of the layout of a drawing, and to be able to well balanced arrange diagrams, pictures, and text information of a drawing.			
	8th	Presentation of the "A House for The Alien from Baltan " Assignment drawings.	To became able to imagine and explain architectural forms and the structure of space.				
	4th Quarter	9th	Assignment 3: " ???? House in Karuizawa" Design Competition Explanation of Assignment schedule	To became able to imagine and explain architectural forms and the structure of space.			
		10th	Pencil colloring for architecture drawings.	To be able to use architectural drawings information to execute three-dimensional models (architectural model).			
		11th	Assignment 3: " ???? House in Karuizawa" Design Competition Development of ideas and sketches.	To became able to imagine and explain architectural forms and the structure of space. To understand the meaning of concept or design purpose in architectural design, and to explain architectural forms.The student well develops ideas freely.			
		12th	Assignment 3: " ???? House in Karuizawa" Design Competition Presentation of sketches and discussion in groups.	To became able to imagine and explain architectural forms and the structure of space. To understand the meaning of concept or design purpose in architectural design, and to explain architectural forms.The student well develops ideas freely.			
		13th	Assignment 3: " ???? House in Karuizawa" Design Competition Presentation of sketches and discussion in groups.	To be able to draw architectural drawings by hand using different types of lines (about 3 types). To understand measurement units and scale and reflect it in the drawing.To understand the meaning of text information and the dimensions in an architectural drawing and be able to use it.To understand the principles of the layout of a drawing, and to be able to well balanced arrange diagrams, pictures, and text information of a drawing.			
		14th	Presentation of the " ???? House in Karuizawa" Design Competition	To became able to imagine and explain architectural forms and the structure of space.			
		15th	Presentation of the " ???? House in Karuizawa" Design Competition	To became able to imagine and explain architectural forms and the structure of space.			
16th		No End-term Exam					
Evaluation Method and Weight (%)							
	Drawings	Model	Presentation	Behavior	Portfolio	Other	Total
Subtotal	70	20	10	0	0	0	100

Basic Proficiency	70	20	10	0	0	0	100
Specialized Proficiency	0	0	0	0	0	0	0
Cross Area Proficiency	0	0	0	0	0	0	0