

Akashi College		Year	2023	Course Title	Architectural Design Studio I A
Course Information					
Course Code	5131		Course Category	Specialized / Compulsory	
Class Format	Seminar		Credits	Academic Credit: 2	
Department	Architecture		Student Grade	1st	
Term	First 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） 『増補改訂版 レイアウト、基本の「き」』 グラフィック社				
Instructor	HIGASHINO Adriana P.,				
Course Objectives					
The objective of this course is for the students to understand architectural drawings and model making. (1) To understand the characteristics of drafting tools and how and use them. (2) To be able to draw architectural drawings by hand using different types of lines (about 3 types). (3) 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. (4) 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. (5) To produce a three-dimensional representation of a building by using orthographic projection, parallel projection drawing, and one-point perspective views. (6) To be able to draw architectural drawings beautifully and with precision. (7) To be able to use architectural drawings information to execute three-dimensional models (architectural model). (8) To acquire the knowledge necessary for photographing buildings (figure composition, exposure, focus).					
Rubric					
	Ideal Level		Standard Level		Unacceptable Level
(1) 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.
(2) 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.
(3) 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.
(4) 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.
(5) 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.
(6) 2D	The student can produce architectural drawings beautifully and with precision.		The student can produce architectural drawings.		The student can not produce architectural drawings.
(7) models	The student can well make three-dimensional models.		The student can make three-dimensional models.		The student can not make three-dimensional models.
(8) photography	The student well understands figure composition, exposure, focus and can well photograph buildings and models.		The student understands figure composition, exposure, focus and can well photograph buildings and models.		The student doesn't understand figure composition, exposure, focus and can not photograph buildings and models.
Assigned Department Objectives					
Teaching Method					
Outline	In Architectural Design Studio I the students aquire the skills necessary for producing architectural drawings.				
Style	Learn how to draft through the execution of drawings, replication of masterpiece architecture drawings. The students will understand the drafting rules for architectural: 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. Two instructors and technical staff carry the classes.				
Notice	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 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	
1st Semester	1st Quarter	1st	Explanation of course schedule, drafting tools Assignment 1: "Drawing Sumiyoshi Row House " Explanation of the Photography Assignment	To understand the characteristics of drafting tools, and how to use them.	
		2nd	Assignment 2: "Nihonbashi House by Ando Tadao: Floor plans."	To produce clean pencil finished drawings, and draw lines by hand. To make drawings using orthographic projection. To understand the principles of layout, text information and different architectural drawings.	

		3rd	Assignment 3: "Nihonbashi House by Ando Tadao: Elevation and sections."	To produce clean pencil finished drawings, and draw lines by hand. To make drawings using orthographic projection. To understand the principles of layout, text information and different architectural drawings.
		4th	Field trip: visit Nihonbashi House	To produce clean pencil finished drawings, and draw lines by hand. To make drawings using orthographic projection. To understand the principles of layout, text information and different architectural drawings.
		5th	Assignment 4: "Nihonbashi House cardboard model."	To be able to use architectural drawing information to execute three-dimensional models.
		6th	Assignment 4 "Maekawa Kunio House " Explanation of Assignment 6: " Model of Maison Savoie by Le Corbusier, " materials, and a brief lecture about Lecorbusier and Maison Savoie.	To produce clean ink finished drawings, and draw lines by hand. To make drawings using orthographic projection. To understand the principles of layout, text information and different architectural drawings.
		7th	Assignment 4 "Maekawa Kunio House "	To be able to use architectural drawing information to execute three-dimensional models
		8th	Photography Assignment Presentation	To be able to photograph buildings (figure composition, exposure, focus).
	2nd Quarter	9th	Assignment 5: " Sumiyoshi Rowhouse by Ando Tadao: Axonometric drawing."	To produce a three-dimensional representation of a building by using parallel projection drawing
		10th	Assignment 4: " Model of Maison Savoie by Lecorbusier " 1st Floor	To be able to use architectural drawing information to execute three-dimensional models.
		11th	Assignment 4: " Model of Maison Savoie by Lecorbusier " 2nd Floor	To be able to use architectural drawing information to execute three-dimensional models.
		12th	Assignment 4: " Model of Maison Savoie by Lecorbusier " 2nd Floor	To be able to use architectural drawing information to execute three-dimensional models.
		13th	Assignment 4: " Model of Maison Savoie by Lecorbusier " 3rd Floor	To be able to use architectural drawing information to execute three-dimensional models.
		14th	Assignment 4: " Model of Maison Savoie by Lecorbusier " 3rd Floor	To be able to use architectural drawing information to execute three-dimensional models.
		15th	Assignment 4: " Sumiyoshi Rowhouse by Ando Tadao: Axonometric drawing."	To produce a three-dimensional representation of a building by using parallel projection drawing
		16th	No End-term Exam	

Evaluation Method and Weight (%)

	Examination	Drawings	Model	Presentation	Total
Subtotal	0	55	40	5	100
Basic Proficiency	0	55	40	5	100
Specialized Proficiency	0	0	0	0	0