Akashi College	Year	2024	Course Title	Architectural Design Studio ⅡA

Course Information

Course Code	6230	Course Category	Specialized / Compulsory
Class Format	Seminar	Credits	Academic Credit: 2
Department	Architecture	Student Grade	2nd
Term	First Semester	Classes per Week	2
Textbook and/or Teaching Materials			
Instructor	OTSUKA Takehiko,NAKAGAWA Hajime,KAJIWARA Nobuyuki		

Course Objectives

(1)To understand the meaning of architectural drawings, and be able to draw architectural drawings by hand using different types of lines (about 3 types).
(2) To understand measurement units and scale and reflect it in the drawing.
(3)To be able to produce sketches of flow lines and zoning for a building according to the given specifications.
(4) To be able to produce a site plan, floor plan, elevation, cross-section, etc. for a building according to the given specifications.

Rubric

	Excellent	Good	Insufficient
Achievement 1	The student can well use the correct line type, and well understands the meaning of the drawing.	The student can use the correct line type, and understands the meaning of the drawing.	The student can not use the correct line type, and doesn't understand the meaning of the drawing.
Achievement 2	The student can accurately draw the dimensions and understands scales.	The student can draw the dimensions and understands scales.	The student can not draw the dimensions or understand scales.
Achievement 3	The student can accurately produce lines of flow, zoning sketches.	The student can produce lines of flow, zoning sketches.	The student can not produce lines of flow, zoning sketches.
Achievement 4	The student can accurately draw various architectural drawings.	The student can draw various architectural drawings.	The student can not draw various architectural drawings.

Assigned Department Objectives

Teaching Method

Outline	Design a small scale building. Learning objective: to understand the necessary operations to work with scale and space composition. Fundamentals design method, how to draw architectural drawings, graphic expression methods. Architectural planning: to understand zoning, and flow plan. Architecture structure: to understand rigid frames.
Style	Studio style. The students will have their sketches checked and accessorized, and receive advice from the instructors.
Notice	The students, while developing original ideas, should develop self-learning methods and attitudes of architectural design, and raise their interest in architecture through the visit to buildings and read books related to architecture. 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. Deduction of grades for submissions after the deadline. Students attendance is required, and only a maximum of 4 absences is excused. Students who miss 1/4 or more of classes will not be eligible for evaluation.

Characteristics of Class / Division in Learning

☐ Active Learning	☐ Aided by ICT	☐ Applicable to Remote Class	☐ Instructor Professionally Experienced

Course Plan

			Theme	Goals
1st Semester	1st Quarter	1st	Orientation	To understand course content and schedule, before the next week's field trip.
		2nd	Design site fieldwork. Site survey to determine the construction site. Assignment: field survey report.	To use the fieldwork to imagine where and what to design.
		3rd	Presentation and review of the field survey report: to present the chosen design site and explain the reasons for the choice.	To listen to other students' presentations, design point, and how they read and interpreted the site. To use this information to improve the design.
		4th	Design sketches: necessary rooms and their arrangement, flow plan, relation to the site/outside.	To produce sketches that considerate the relationship between flow lines, zoning and external space.
		5th	Individual tutoring based on the submitted sketches.	To understand how to improve the design and sketches.
		6th	Drawings 1: draft the drawing layout.	To think of how to arrange the drawings to make it easy for the viewer to understand.
		7th	Drawings 2:Tutoring on drawing order and design details	To be creative when expressing architectural ideas.
		8th	Drawings 3: Layout, plan, section, sketch, design intent	To be able to express in the drawings the imaginated architectural space.
	2nd Quarter	9th	Complete and submit drawings.	To complete the drawings on time.
		10th	To review the first design task and explanation of the next design task.	To understand task content and schedule
		11th	Second design assignment explanation (Design Competition).	To design and complete the necessary drawings in time.

		12th	About layout and presentation techniques.	I can convey the charm of my work. To understand what a design competition is, and to express the design points.
		13th	Collection of materials (group work). Design concept, site selection, examination of the approach.Reporting and sharing with the group.	To understand the importance of research and research design reference materials.
		14th	Design sketches	Through trial and error process create several types of three-dimensional space configurations.
		15th	Execute Drawings: Sketches presentations and tutoring. Draft the drawing layout.	To be able to express in the drawings the imaginated architectural space.
		16th	No End-term Exam	

Evaluation Method and Weight (%)

	Drawings	Presentation	Participation	Behavior	Portfolio	Other	Total
Subtotal	70	20	10	0	0	0	100
Basic Proficiency	0	20	10	0	0	0	30
Specialized Proficiency	70	0	0	0	0	0	70
Cross Area Proficiency	0	0	0	0	0	0	0