

Akashi College		Year	2022		Course Title	Architectural Planning I	
Course Information							
Course Code		4317		Course Category		Specialized / Compulsory	
Class Format		Lecture		Credits		School Credit: 1	
Department		Architecture		Student Grade		3rd	
Term		First Semester		Classes per Week		2	
Textbook and/or Teaching Materials		岡田光正他『新訂 建築計画1』鹿島出版会参考:『コンパクト建築設計資料集成』丸善					
Instructor		MIZUSHIMA Akane					
Course Objectives							
1) To understand that the geographical environment, structure/function, building technology create the architectural space. 2)To understand measurements and unit dimensions, the human body dimensions, and built environment dimensions. 3) To understand the preservation and sustainable utilization of historic buildings.							
Rubric							
		Excellent		Standard Level		Unacceptable Level	
Achievement 1		Can well explain how the geographical environment, structure/function, building technology created the architectural space.		Can explain how the geographical environment, structure/function, building technology created the architectural space.		Can not explain how the geographical environment, structure/function, building technology created the architectural space.	
Achievement 2		Can well understand measurements units, the human body dimensions, and built environment dimensions.		Can understand measurements units, the human body dimensions, and built environment dimensions.		Can not understand measurements units, the human body dimensions, and built environment dimensions.	
Achievement 3		Can well explain the preservation and sustainable utilization of historic buildings using examples.		Can explain the preservation and sustainable utilization of historic buildings using examples.		Can not explain the preservation and sustainable utilization of historic buildings using examples.	
Assigned Department Objectives							
Teaching Method							
Outline		The objective of the course is to give the students a broader view of the architectural space and basic knowledge about architectural planning. To understand that climate, history, culture, the various elements of the land have shaped architecture.					
Style		Slide lectures, the discussion in class about designated topics and assignments.					
Notice		To have an interest in the surrounding built environment, and observe the relationship between human behavior and space. To research the assignments topics and express your opinion. (up to 5 absences will be 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		
1st Semester r	1st Quarter	1st	Orientation		To understand the goals of this course and the evaluation method.		
		2nd	Morphology of space (1): geographical environment and architectural form		To understand the characteristic of architecture shaped by climate, history, and culture.		
		3rd	Morphology of space (2): structure/function and architectural form		To understand the characteristic of architecture shaped by structure and function		
		4th	Morphology of space (3): building technology and architectural form		To understand the characteristic of architecture created by advances in building techniques and mass production.		
		5th	Planning of dimensions and scale (1): Human body dimensions, and action dimensions		To understand the dimensions of your body and use it to measure the dimensions of the built environment.		
		6th	Planning of dimensions and scale (2): built environment dimensions		To measure and draw the built environment.		
		7th	Planning of dimensions and scale (3): personal space dimensions		To be able to explain what is personal space.		
		8th	Mid term Exam				
	2nd Quarter	9th	The dimensions of a unit space: dimension system		To be able to explain the dimensions system of a unit space		
		10th	Space performance (1): convenience, comfort , and safety		To be able to explain convenience, comfort, and safety in architectural space.		
		11th	Space performance (2): Durability, and economic aspects		To be able to explain durability and economic aspects in architectural space.		
		12th	Space performance (3): sustainability and energy saving		To be able to explain sustainability and energy saving in architectural space.		
		13th	Field trip 1		To understand the difference between Japanese style house and Western-style house, the characteristics of Suzuya style house and the characteristics of the colonial style house.		

		14th	Field trip 2	To understand the difference between Japanese style house and Western-style house, the characteristics of Suzuya style house and the characteristics of the colonial style house.
		15th	Preservation and utilization of buildings	To be able to explain and give examples of re-utilization and preservation of buildings.
		16th	End term exams	

Evaluation Method and Weight (%)				
	Examination	Assignments	Participation	Total
Subtotal	70	25	5	100
Basic Proficiency	0	0	0	0
Specialized Proficiency	70	25	5	100
Cross Area Proficiency	0	0	0	0