

Akashi College		Year	2022	Course Title	Building Code
Course Information					
Course Code	4519		Course Category	Specialized / Compulsory	
Class Format	Lecture		Credits	School Credit: 1	
Department	Architecture		Student Grade	5th	
Term	Second Semester		Classes per Week	2	
Textbook and/or Teaching Materials					
Instructor	UTSUMI Tetsuya				
Course Objectives					
1) Can explain the Building Standards Act's system and legal terminology. 2) Can explain the individual provisions. 3) Can explain the group provisions. 4) Can explain construction-related procedures, such as confirmation applications. 5) Can explain the relevant laws and regulations (e.g. the Act on Architects and Building Engineers, the Construction Business Act, the Fire Service Act, and the Act on Regulation of Residential Land Development).					
Rubric					
	Ideal Level		Standard Level		Unacceptable Level
Achievement 1	Can explain the Building Standards Act's system and legal terminology in concrete terms.		Can explain the Building Standards Act's system and legal terminology.		Cannot explain the Building Standards Act's system and legal terminology.
Achievement 2	Can explain the individual provisions in concrete terms.		Can explain the individual provisions.		Cannot explain the individual provisions.
Achievement 3	Can explain the group provisions in concrete terms.		Can explain the group provisions.		Cannot explain the group provisions.
	Can explain in detail construction-related procedures, such as confirmation applications.		Can explain construction-related procedures, such as confirmation applications.		Cannot explain construction-related procedures, such as confirmation applications.
	Can explain in detail the relevant laws and regulations (e.g. the Act on Architects and Building Engineers, the Construction Business Act, the Fire Service Act, and the Act on Regulation of Residential Land Development).		Can explain the relevant laws and regulations (e.g. the Act on Architects and Building Engineers, the Construction Business Act, the Fire Service Act, and the Act on Regulation of Residential Land Development).		Cannot explain the relevant laws and regulations (e.g. the Act on Architects and Building Engineers, the Construction Business Act, the Fire Service Act, and the Act on Regulation of Residential Land Development).
Assigned Department Objectives					
Teaching Method					
Outline	The aim of this course is to acquire the knowledge on basic construction-related laws and regulations which an architectural engineer is required to have for designing buildings, conducting construction supervision, and so on. There are many different types of construction-related laws and regulations, and they are expressed in an abstract way in order to fit many cases. Furthermore, because they are technical laws, it is difficult for the general public to read and comprehend them. Therefore, this class will explain how to read the legal terminology and the basics of term definitions, etc., followed by basic matters such as how to calculate the building area, height, floors, and individual and group provisions. Utsumi has been engaged in building administration and construction instruction as a superintendent for local governments for many years.				
Style	Students will acquire knowledge on basic construction-related laws and regulations which an architectural engineer is required to have for designing buildings and conducting construction supervision, and so on. Students will understand the importance of social responsibility in complying with construction-related laws and regulations as an architectural engineer. They will acquire the basic ability to solve specific construction- and city-related issues by using construction-related laws and regulations.				
Notice	Students should always prepare textbooks (Kihon Kenchiku Kankei Horeishu [Collection of Basic Construction-Related Laws] and Keichiku Hoki Yo Kyozaï [Educational Materials for Construction Laws and Regulations]). Students who miss 1/3 or more of classes will not be eligible for a passing grade.				
Characteristics of Class / Division in Learning					
<input type="checkbox"/> Active Learning		<input type="checkbox"/> Aided by ICT		<input type="checkbox"/> Applicable to Remote Class	<input type="checkbox"/> Instructor Professionally Experienced
Course Plan					
			Theme	Goals	
2nd Semester	3rd Quarter	1st	Basics for learning construction laws and regulations (1)	Can explain how to read legal terminology and term definitions, etc.	
		2nd	Basics for learning construction laws and regulations (2)	Can explain how to calculate areas, heights, and floors, etc.	
		3rd	Individual provisions (Building Standards Act) (1)	Can explain general structures and equipment.	
		4th	Individual provisions (Building Standards Act) (2)	Can explain structural strength.	
		5th	Individual provisions (Building Standards Act) (3)	Can explain regarding ensuring safety by structural calculations.	
		6th	Individual provisions (Building Standards Act) (4)	Can explain regarding fire prevention and evacuation of buildings.	
		7th	Individual provisions (Building Standards Act) (5)	Can explain regarding fire prevention and evacuation of buildings.	
		8th	Midterm exam		

	4th Quarter	9th	Group provisions (City Planning Act and Building Standards Act) (1)	Can explain an outline of city planning and use districts.
		10th	Group provisions (City Planning Act and Building Standards Act) (2)	Can explain roads, sites, buildings, and building coverage ratios.
		11th	Group provisions (City Planning Act and Building Standards Act) (3)	Can explain floor-area ratio, setback of exterior walls, and height limitations.
		12th	Group provisions (City Planning Act and Building Standards Act) (4)	Can explain setback regulations, and height limitations due to shadows.
		13th	Construction-related procedures	Can explain procedure types, construction confirmation, building permits, etc.
		14th	The Act on Architects and Building Engineers and the Construction Business Act	Can explain construction work types and methods, and construction industry types, etc.
		15th	The Fire Service Act and the Act on Regulation of Residential Land Development	Can explain an outline of the Fire Service Act, firefighting equipment, etc., and work, etc. related to residential land development.
		16th	Final exam	

Evaluation Method and Weight (%)		
	Examination	Total
Subtotal	100	100
Basic Proficiency	0	0
Specialized Proficiency	100	100
Cross Area Proficiency	0	0