



HANYANG UNIVERSITY

Hanyang ERICA Summer School

Office of International Affairs, Hanyang University ERICA
 55 Hanyangdaihak-ro, Sangnok, Ansan, Gyeonggi-do, 15588, Korea
 Tel. +82-31-400-4917 | hess@hanyang.ac.kr

2024 Course Syllabus

Course Information	Course Title(Eng)	Theory and Methodology of Architectural Design	Course Category	<i>Elective Non-Major(General)</i>
	Course Title(Kor)	건축설계이론및방법론		
	Credit-Lecture-Lab	3 credits-4.5 hrs-0 hrs	Course Restrictions	N/A
	College/School	International Summer School(ERICA)	College/School Responsible	Foreign Exchange Program(Y0000341)
	Meeting Times	9:00am-12:00pm 1:00pm-2:30pm 10times	Electronic Attendance	Y/N

Instructor Info	Department	Architecture	Name	Kang Jun Lee
	Contacts	+82) 31 400 5139	E-mail	leekangjun@hanyang.ac.kr
	Homepage	www.g-a-lab.com		
Course Type	Teaching Method	Lecture, Seminar		

Course Description	<p>The original forms of architectural elements remain unchanged over time, but the way of assembling them has been developed and recreated. The architectural diversity that came after the collapse of the internationalist style, combined with regional characteristics, philosophical trends, and advanced technology, formed what we call modern architecture. Especially, the invention of computers and the Internet brought great changes, ranging from the diversification of architectural design methods, in a narrow sense, to a shift of the attitude and the way of thinking in the architectural world.</p> <p>By understanding this change with architects and their works, this course will examine the theoretical and historical background of contemporary architecture that we see and touch every day and try to discuss how future architecture might look like.</p>
Course Objectives	The goal of this lecture is to understand the history of post-modern architecture and study architectural discourse since the 1960s through lectures and seminars.
Notice for Students	There is no textbook for this course.

Textbook	No.	Title	Author	Publisher	ISBN	Price(KRW)



Evaluation	Evaluation Criteria	Percentage(%)	Evaluation Criteria	Percentage(%)
	Attendance	30	Quiz	
	Assignments		Mid-term Exam	
	Discussion	10	Final Exam	50
	Team Project		Participation	10
	Other			Percentage(%)
	Total 100 %			

Daily Lecture Plan and Assignments	Day	Title	Activity
	1	Classic and Modern	Greek, Roman, Romanesque, Byzantine, Gothic, Renaissance, Baroque, Rococo, Neo-Classicism, and Modern Architecture, Le Corbusier, Mies van der Roch, Expressionism, CIAM, Team X
	2	Brutalism	Romanticism, Brutalism, High-tech Architecture, Peter and Alison Smithson, Renzo Piano, Richard Rogers, Norman Foster
	3	Structuralism	Dutch Structuralism, Aldo van 도차, Herman Hertzberger, Moshe Safdie, Paul Rudolf, Japan Metabolism, Arata Isozaki, Kenzo Tange, Kisho Kurokawa
	4	Post-modernism	Duck and Decorated Shed, Philip Johnson, Robert Venturi Micheal Graves, The New York Five, James Sterling, Mario Botta
	5	Deconstructivism	Package, Roland Bart, Iconicity and Instrumentality, Deconstructivist Architecture, Rem Koolhaas, Zaha Hadid, Peter Eisenman, Bernard Tschmi, Coop Himmelb(I)au, Frank Gehry, Daniel Libeskind
	6	Diagram	Francis Bacon: The Logic of Sensation, Diagram Diaries, Diagram as Generative Device, Peter Eisenmann, Taxonomy, Biomimetics
	7	Digital Architecture	Algorithmic and Parametric Design, Digital Fabrication, BIM(Building Information Modeling), Artificial Intelligence
	8	Tectonic	Antonio Gaudi, Fan Vault, Diamond Vault, Frei Otto, Santiago Calatrava



	9	Materials	Kengo Kuma, Sigeru ban, Eladio Dieste, Rogelio Salmons, Gramazio+Kohle, ICD(Institute of Computation Design)
	10	Contemporary Architects	Thomas Heatherwick, Biak Ingels, Sou Fujimoto, etc.