

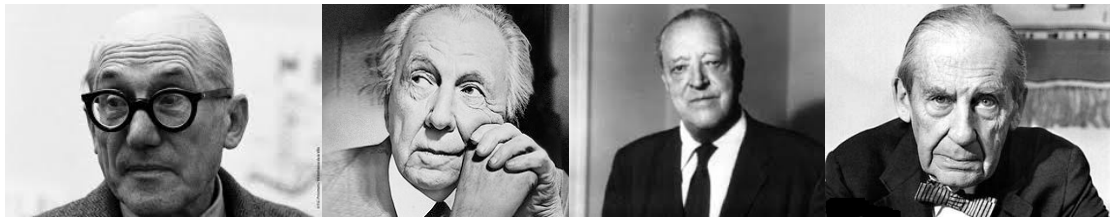
SCHOOL OF ARCHITECTURE, BUILDING & DESIGN

Centre for Modern Architecture Studies in Southeast Asia (MASSA)

Bachelor of Science (Honours) (Architecture)

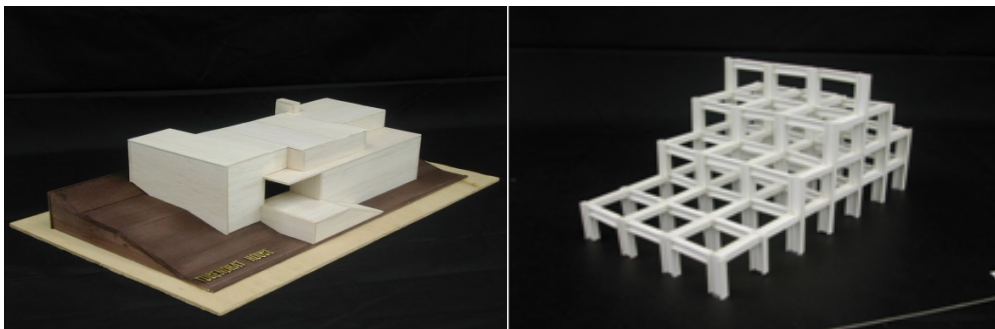
Module: ARCHITECTURAL DESIGN STUDIO 2 (ARC 60205/ ARC 1126)

Project 1: Famous People, Familiar Faces – Diagrammatic Abstraction



From left to right: Le Corbusier, Frank Lloyd Wright, Mies van der Rohe, Walter Gropius.

“The design process can be thought of as a series of transformations going from uncertainty towards information. The successive stages of the process are usually registered by some kind of graphic model. In the final stage of the design process, designers use highly formalized graphic languages as a tool to register the information that would facilitate the communication process.” Juan Pablo Bonta



Project 1	Group	LO 1, 2	20%	A3 Drawings and Models	Verbal Presentation
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OBJECTIVES

To investigate and to explore how spaces are created from the making of architectural elements: architectonics - solid, planes, lines and frames. Upon completion of the project student should be able to achieve a level of understanding on the works assigned and will be able to apply the idea and concept to their project later.

The idea of using pure and diagrammatic models to express the architectural idea would also be in cooperated into this assignment.

1. Ability to identify master architects and their works
2. Understanding basic architectural compositions of solids, planes, lines and frames.
3. Ability to ‘diagram’ and analyse architectural work of selected architect

SUBMISSION REQUIREMENT

1. In group of 6, you are to select one of the following Master Architects & their masterpieces;

No.	Master Architects	Masterpieces
1	Adolf Loos	Steiner House
2	Alvar Aalto	Villa Mairea
3	Alvaro Siza	Casa Alcino Cardoso
4	Enric Miralles	Casa Garau Agusti
5	Hassan Fathy	Fathy House
6	Frank Gehry	Gehry Residence
7	Frank Lloyd Wright	Fallingwater
8	Geoffrey Bawa	Bawa House
9	Gerit Rietveld	Shroder House
10	Glenn Murcutt	Magney House
11	Harry Siedler	Rose Siedler House
12	Jorn Utzon	Utzon House
13	Ken Yeang	Roof Roof House
14	Le Corbusier	Curutchet House
15	Mario Botta	Casa Rotonda
16	Mies van der Rohe	Villa Tugendhat
17	Philip Johnson	Johnson House
18	Robert Venturi	Vanna Venturi House
19	Shigeru Ban	Furniture House
20	Tadao Ando	Koshino House
21	Toyo Ito	U- House
22	Walter Gropius	Gropius House

** You are required to prepare 10-minute presentation (PowerPoint) on the selected master architect and respective work. (*Studio activity: 1st September 2016, Thursday*)

2. You are to produce a complete set of **architectural drawings (scale of 1:100)** of the selected masterpiece on A3 size paper. *Note: All drawings have to be hand drawn.*
- **site plan & floor plans**
 - **sections & elevations**
 - **axonometric & perspective**
3. You are then required to investigate and formulate your findings into a set of **10 analysis diagrams (on A3 size paper) and 10 diagrammatic models (8 x 8 x 8 cm)**. The models should be precise and informative to express the analysis of the ideas hidden in the project assigned. The analysis is based on, but not limited to the following:
- organization of form
 - organization of space
 - circulation and paths-space relationship
 - spatial hierarchies
 - context
 - elements

You are to use no more than three colours and the models should be well crafted and beautifully made to be mounted on **MDF board**

MARKING CRITERIA

Marks shall be distributed as follows:

Marking Criteria	Marks %	Acquired TGC	FAIL	POOR	SATISFACTORY	GOOD	EXCELLENT
Research and presenting selected architects biography and their works	20	2.1,2.2, 2.3,8.1					
Clear and complete background study	10						
Identify key architectural concept/style	10						
Analysis and Modelling of selected key building	60	2.1,2.2, 3.1,3.2, 3.3					
Clarity of analysis	10						
Use of appropriate drawings	10						
Originality of model	20						
Originality of the analysis	20						
Visuals and verbal presentation	20	8.1					
Quality and workmanship of drawings and model	10						
Verbal presentation	10						

TIMELINE + SCHEDULE

Name: _____

Student ID: _____

Master Architect + Building _____

WEEK	SESSION	TOPIC	Submission	Comments	Tutor
1	1 (30.8.2016)	Subject Introduction and Project 1 Introduction to unit outline and Project 1 - Form group of 5 - Master Architect & building selection			
	2 (1.9.2016)	10 minute Presentation (PowerPoint): Master Architect + Masterpiece	Studio Activity		
2	1 (6.9.2016)	Lecture 1: Precedents in Architecture Architectural Plans, Sections, Elevations Analysis (A3 Drawings on tracing/butter paper) Abstraction- 8 x 8 x 8 cm models – mixed media			
	2 (8.9.2016)	Developed A3 Drawings on tracing/butter paper Abstraction- 8 x 8 x 8 cm models – mixed media	Interim Submission All A3 drawings		
3	1 (13.9.2016)	Preparation for final models & drawings. Submission checklist: - site plan - floor plans - sections - elevations - axonometric - perspective - 10 analysis diagrams (nts) - 10 diagrammatic models: 8x8x8 cm - compilation of sketches (models & diagrams)			
	2 (15.9.2016)	Project 1: Pin up + Presentation	Submission Project 1 (20%)		

REFERENCES

1. Ching, F. 1993. *Architecture, form, space & order* (2nd ed.). New York: Van Nostrand Reinhold.
2. Clark, R. & Pause, M. 2012. *Precedents in architecture analytic diagrams, formative ideas, and partis* (4th ed.). Hoboken, N.J.: John.
3. Davies, C. 2006. *Key Houses of the Twentieth Century : Plans, Sections & Elevations*, W.W. Norton & Company.
4. Unwin, S. 2014. *Twenty-Five Buildings Every Architect Should Understand*. Routledge.

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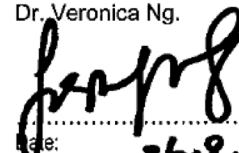
Mohd Adib Ramli



Date: 26/8/16
Programme Director

Approved by:

Associate Professor
Dr. Veronica Ng.



Date: 26.8.2016
Deputy Dean

Remarks:

1. The Scheme of Work is to be distributed to the students in the first week of the semester.
2. Any changes to the Scheme of Work shall be communicated (in writing) to the Programme Director and the approved revised version must be communicated to the students