



**SCHOOL OF ARCHITECTURE, BUILDING & DESIGN**

Centre for Modern Architecture Studies in Southeast Asia (MASSA)

**Bachelor of Science (Honours) in Architecture**

Module : ARCHITECTURAL DESIGN STUDIO 2 (ARC 60205)

Project 3 : Weekend Getaway @ National Botanical Garden, Shah Alam



Farnsworth House in Plano, Illinois.

Project 3	Individual	LO 1,2,3,4,5,8	50%	Drawings + models	Pin up / verbal presentation
-----------	------------	-------------------	-----	-------------------	------------------------------

**Introduction**

On your own, you are to **further develop your project 2** into a Weekend Getaway at National Botanical Garden. A Weekend Getaway denotes 'A place where one escapes for relaxation, recreation and vacation for a short period of time.' This Weekend Getaway must function as habitable architectural spaces to enable the activity associated with living, dining, showering, cooking, storage and such within the built up space of **150 m<sup>2</sup>**. The relationship between your **design and the context** is also important in making the Weekend Getaway unique to its landscape and activity.

**Objectives of Project**

The objectives of this project are:

- To introduce the notions of **concepts, program and process** in architectural design
- To introduce students' to the understanding of **user specific** design requirements
- To introduce the notions of **space, form and function** in architectural design
- To introduce awareness of **site specific design** and the process of **site analysis**

## Learning Outcomes of this Project

1. interpret and analyse simple site context
2. interpret and analyse client's character and needs in relation to the design of a small building
3. design a simple building type that meets user requirements and respect site context that balances both internal (architectural spaces/layout/circulation) and external (aesthetics and forms) design values

## Tasks - Methodology

As a group you had visited the site and finished the site investigation & 'nature scanning' to initiate the preliminary conceptual approach of the **Pavilion**. You are expected to complete a site visit to record important information pertaining to your project. A completed site analysis should be available in your design studio at all time for references during the design process. Now it is important for your work to reflect your understanding of how architecture is created by applying the basic design principles and spatial organization skills. Your work must also illustrate an understanding of how a building is conceptualized and transformed into reality.

Project 3 extends the understanding of design concept and process. It introduces the notion of architectural space making through the design of a user specific architectural scheme. This project explores the relationship between **architectural tectonics, function and space in architecture**.

## Submission Requirement

### Final Design Scheme

The final submission for this project includes

1. Five (5) A5 Sketches
2. Sketches + Work in progress models
3. Diagrammatic explanation of the composition of **Space and Form** (which explains how the design is responding to the character and context),
4. Site Analysis of the physical context (site plan, site section, site elevation – Scale of 1:500)
5. Models - scale of 1:100 and 1:500. The models should be made of **white board and/or balsa wood**, beautifully presented on A3 **MDF board**.
6. A full set of Architectural drawings (**floor plans, sections, elevations, axon, perspectives and sectional detail**) beautifully hand drawn onto **(3) A1 size tracing/cartridge paper**. You are always encouraged to explore your own presentation technique however the size for the drawing must be in the **scale of 1:100 (sectional detail - scale of 1:50) hand drawn**.

## Timeline and Schedule

Name: \_\_\_\_\_

Student ID: \_\_\_\_\_

WEEK	SESSION	TOPIC	SUBMISSION	COMMENTS	TUTOR
8	1 (18.10.2016)	<b>Project 3 Introduction: Weekend Getaway</b> <b>Project 3</b> Tutorials – 10 Conceptual models + sketches			
	2 (20.10.2016)	Tutorials – Conceptual development			
9	1 (25.10.2016)	<b>Lecture 5: Architectural Space Planning</b> Tutorials - Spatial Configuration + Floor Plans			
	2 (27.10.2016)	Tutorials – Floor Plans + models			
<b>MID-SEMESTER BREAK &amp; ACTIVITY WEEK 31.10.2016 – 6.11.2016 (non-contact week)</b>					
10	1 (8.11.2016)	<b>Lecture 6: Architectural Tectonics</b> Tutorials – Plans, sections, elevations + models			
	2 (10.11.2016)	Studio - Pin-up crit all drawings			
11	1 (15.11.2016)	<b>Lecture 7: Materials and Texture in Space Making</b> Tutorials – Plans, sections, elevations + models			
	2 (17.11.2016)	Interim Submission - all drawings + sketch models	<b>Interim Submission</b>		
12	1 (22.11.2016)	Tutorials – Plans, sections, elevations + models + sectional detail			
	2 (24.11.2016)	Tutorials – Models + Drawings			
13	1 (29.11.2016)	Tutorials – Final Models + Drawings			
	2 (1.12.2016)	Tutorials – Presentation Boards			
14	1 (5.12.2016)	<b>Submission - Pin up drawings.</b>	<b>Project 3 (50%)</b>		
	2 (6.12.2016)	<b>Final Review (Date TBC)</b>			

## Marking criteria

Marks shall be distributed as follows:

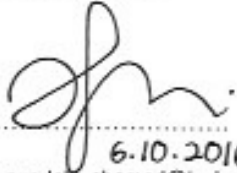
Marking Criteria	Marks %	Acquired TGC	FAIL	POOR	SATISFACTORY	GOOD	EXCELLENT
<b>CONCEPTUAL DEVELOPMENT AND TRANSLATION INTO DESIGN</b>	<b>30</b>	<b>2.1,2.2,2.3</b>					
Does the design work demonstrate a clear idea?	10						
Is the translation & development of ideas into design evident through concept, study models and/or sketches?	20						
<b>APPROPRIATENESS OF FORM AND SPACE</b>	<b>50</b>	<b>2.1,2.2,3.1,3.2,</b>					
Does the design work demonstrate a relationship/engagement with its site context?	10						
Does the design meet the functional requirement required by the project brief?	10						
Does the scheme shows understanding/relationship of private and public spaces?	10						
Does the design demonstrate consideration and understanding of anthropometry, proportion and scale?	10						
Does the internal space explore and express light/shadow?	10						
<b>COMMUNICATION OF DESIGN THROUGH VISUAL AND VERBAL PRESENTATION</b>	<b>20</b>	<b>8.1</b>					
Does the final model demonstrate clear design and design idea and it is well-crafted?	10						
Do the drawings demonstrate the design and design idea and are they well-drawn?	10						

## Recommended Readings

1. D.K. Ching, F. 1993. Architecture: Form Space and Order (2nd ed.). Van Nostrand Reinhold.
2. Porter, Tom, 2000 Architectural Supermodel: Physical design simulation / Tom Porter and John Neale.
3. Professional Model Making: a handbook of techniques and materials for architects and designers.
4. Rasmussen, Steen Eiler, 1958, Experiencing Architecture, MIT press.

**Prepared by:**

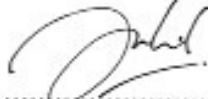
Nurul Alia Ahamad



Date: 6.10.2016  
Email: nurulalia.ahamad@taylors.edu.my  
Office No.: 0356295399  
Office Location: Academic Suite C5

**Checked by:**

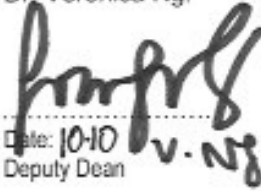
Mohd Adib Ramli



Date: 10/10/16  
Programme Director

**Approved by:**

Associate Professor  
Dr. Veronica Ng.



Date: 10/10  
Deputy Dean

**Remarks:**

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