



TAYLOR'S UNIVERSITY

Wisdom • Integrity • Excellence

SCHOOL OF ARCHITECTURE, BUILDING & DESIGN

Centre For Modern Architecture Studies in Southeast Asia

Bachelor of Science (Honours) (Architecture)

DESIGN COMMUNICATION [ARC 1713]

Prerequisite: None

Project: 1

On-site sketching & Tonal Values

Submission date: 14 April 2016

Introduction



Cinque Terra, by Greg Oaxsen. www.urbansketchers.com

A first-hand conscious experience is important in the understanding and articulation of space. This assessment introduced students to visualization and expression of space through on-site sketching activity on campus. Students are required to develop their skills in creating depth and tone in a sketch, and thus refining and enhancing the ability to produce an architectural sketch that is legible.

Objectives & Learning Outcomes of This Project

The objectives of this project are as follows:

- To understand the notion of space in architecture.
- To develop skills in visualizing of space through observation and perception of a given site
- To develop skills in sketching as a mode of communication.
- To understand the notion detailing's in architecture and objects.
- To develop skills in communicating the above in various tonal and depth values.
- To develop various techniques of hatching through different medium.

Tasks - Methodology

You are required to engage with the site by experiencing it through a spatial sequence of your choice. While moving in sequence, you are required to record your observation and perception of the spaces and the human habitation of these spaces through free-hand sketches. This sequence must include both exterior and interior spaces.

You are required to capture/emphasize the following aspects of the built environment within the site to demonstrate your understanding of space:

- Solids and voids: Form, Skin, Structure
- Opening/Aperture; openness/enclosure; inside/outside; light/shadow
- Rhythm in architecture
- Details
- Textural effects/Materials
- Landscape/Setting
- Scale and proportion (Relation to human and other surrounding built environment)

You are encouraged to use pencil as the medium of presentation and using a range of hatching types include stippling, cross-hatching, one-directional (hatching) and scribbling.

Assessment criteria

Clarity in comprehension of space and spatial ideas

- Depth and complexity of visualization of space through observation and perception
- Correct proportion

Skills in sketching

- Sketching technique: sketch structure and toning
- Quality of sketches: line, tones and composition
- Legibility/Clarity of visualization and depiction of space

Marking criteria

Marks shall be distributed according to the assessment criteria mentioned above.

Submission Requirement

- **Each sketch must be drawn in an A4 LANDSCAPE size sketch paper**
- **Select the best 4 sketches**
- **Make it presentable**
- **Pasted on an A1 black board with your name, group and student ID**

*** *You need to submit your sketchbook*

Suggested References

1. Laseau, Paul 2001. 'Chapter 2: Drawing', in *Graphic Thinking for Architects and Designers*, 3rd Edition, John Wiley & Sons, Inc, New York pp. 17-33.
2. Woods, Jim 2002. *Draw and Sketch Buildings*, Page One Publishing Ltd., Singapore
3. Lin, Mike W 1993. *Drawing and Designing with Confidence: A Step-by-Step Guide*, Wiley