

Updates on Assessments can be found in:

<https://miatedjosaputro.com/2021/04/07/as-2021-assessments/>

1 ASSESSMENTS BRIEF

MODULE: ARCHITECTURAL STRUCTURE, NINGBO UNIVERSITY

MODULE FACILITATOR: DR. MIA A. TEDJOSAPUTO

7 April 2021

This document contains overall description and relevant information of the assessments. There are two assessments in total, and it is advised for you to have a read of the individual assessment briefs (in two separate documents). Please note that the assessments are uniquely designed to fit to this challenging time of COVID-19 where face-to-face learning is unlikely, in particular the third learning outcome.

The learning outcomes (LOs) was communicated in Week 1, as follow. The design of assessments is hinged from the communicated LOs.

LO	Learning Outcome	Assessment Criteria	Way to accessed	Related to skills and PS- see <i>Figure 2</i>
1	Be able to practice tectonic thinking by illustrating ability to design with a range of materials and consider their suitability with regards to sustainability, performance, production, application, and context.	Works that illustrate tectonic thinking as part of ideation process. It also includes critical thinking on suitability of certain structural systems (or hybrid).	Assessment 2	S1, S2 and S4
2	Have improved understanding of integrated design approach in relation to the currently available methods of construction.	Works that posit understanding of relevant structural system and make references to historical advancements.	Assessment 2	S1, S5, S3
3	Have exercised construction skills including collaboration with other stakeholders.	Shown evidence of engagements with construction practice/theories.	Assessment 1	S4, S5
4	Have exercised the importance of good communication through architectural drawings and models.	Works that shows sufficient understanding of technical drawings.	Assessment 1	S1

Figure 1. LOs and how they are assessed

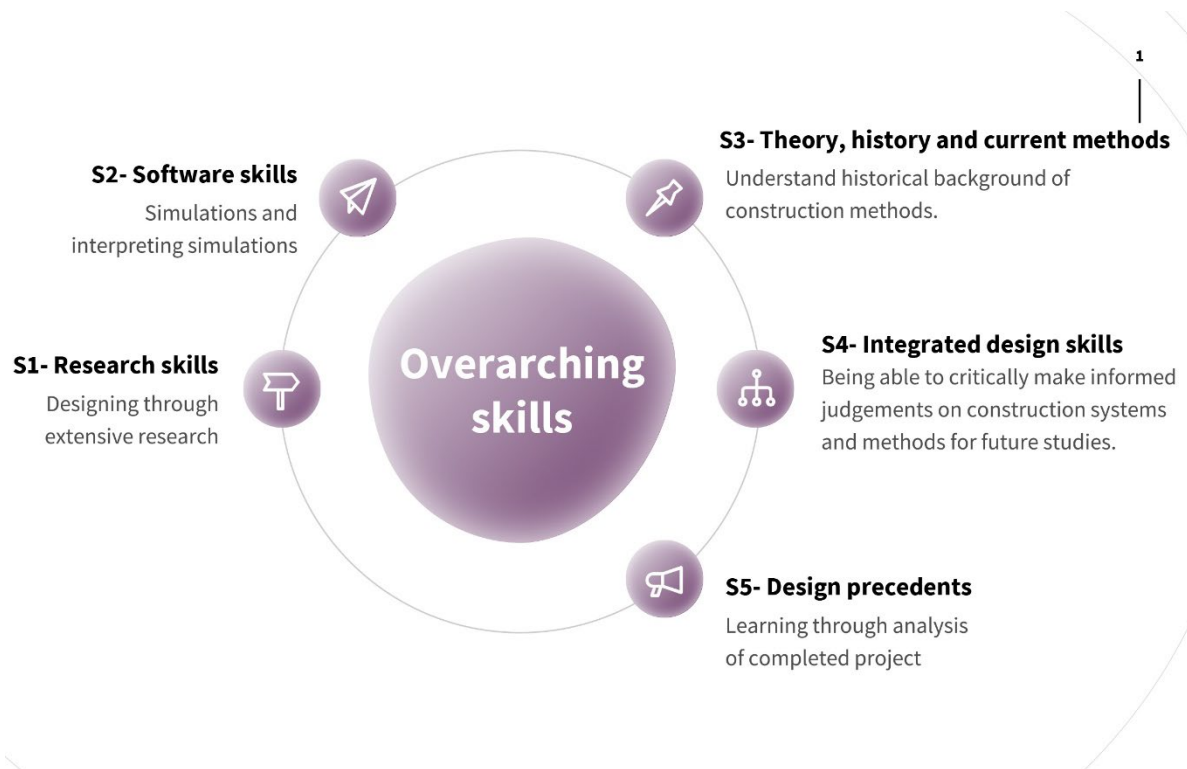


Figure 2. Overarching skills, communicated in Week 1

Assessments	Method of submission	Description	Method of assessment	Type	% of total grade	Deadline
Assessment 1	Project submission	Individual work. Constructing technical drawings.	Module facilitator assessment	Summative	30	<u>Week 10:</u> May 8th 2021
Assessment 2	Essay	Individual work	Module facilitator assessment	Summative	50	<u>Week 14:</u> June 2nd 2021
Forum Post	Weekly post counts	Post and peer discussions	Module facilitator assessment	Formative	20	Every Sunday 11:45pm

Figure 3. Assessment method

OUTLINE OF TASKS:

Rationale of the assessment tasks:

As you are engaged in week-to-week learning, you are building knowledge on how different structural systems work in conjunction with others. In **Assessment 1**, students are asked to produce technical drawings to illustrate tectonic understanding. As we get to know more of the art of construction, this exercise aims to provide practice on the importance of clear and well labelled technical drawings for other stakeholders such as contractor, quantity surveyor, clients, etc.

In **Assessment 2**, students are asked to provide reports illustrating an integrated design approach using one part of their studio project. The studio project provides relevant context for the assignment, subject to students' chosen scope.

In **Forum Post**, attendance is counted through weekly task engagements and DingTalk presence.