

ARCHITECTURAL STRUCTURE

GROUP PRESENTATION (WEEK 3-6) BRIEF

February 28th 2022

ASSESSMENT TYPE:

Formative assessment

AIM OF THE TASK:

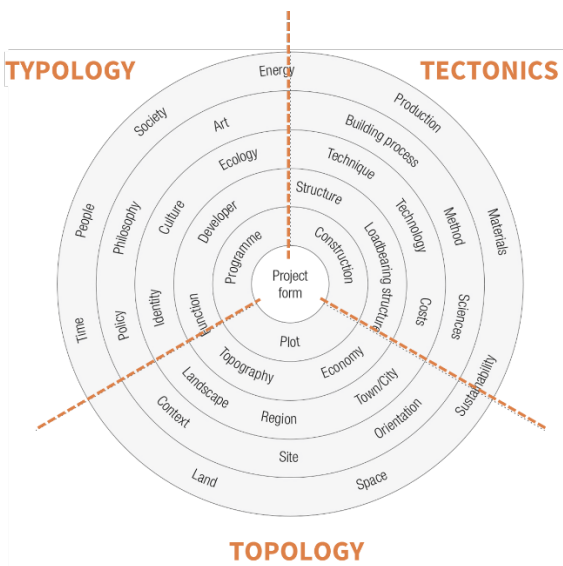
A better understanding of specific construction technique related to specific material (timber, steel, concrete, or masonry) through analysis of case studies or design precedent.

WHAT TO DO:

1. Each one of you, to present minimum three case studies related to the designated material. Choose minimum three buildings which utilise your designated material (timber/steel, etc) as main structural system. At least one scaled prototype is suggested.
2. To present during seminar time, allocated time is 30 minutes presentation.
3. There will be questions and answers question at the end, classmates to prepare one question minimum per group.

AN EXAMPLE OF PRESENTATION OUTLINE:

1. **Introduction:** material, strength and weaknesses, common use, etc
2. **Typology** of the three case studies: function of buildings in relation to the main structure's material
3. **Topology** of the case studies
4. **Tectonics** of the case studies
5. **Compare and contrast** of the use of the main structural system
6. Typical **joints**
7. **Conclusion and takeaways**



FLIPPED CLASS APPROACH: PRESENTATION

	DATE	DESIGN PRECEDENTS PRESENTATION TOPIC	PRESENTER 1	PRESENTER 2
Week 3	March 7th	Timber structure	Tiffany	Charles
Week 4	March 14th	Steel structure	Inas	Lina
Week 5	March 21st	Concrete structure	Starleen	Ilham
Week 6	March 28th	Masonry structure	Israel	Hala