Aalto University

January

8.1 Case study: **Historical references**

Pre-assignment + Course Introduction +

10.1 Case Study: **Small / Medium Panel Systems**
+ tutoring in groups

15.1 Case Study: **Hybrid Systems**
+ tutoring in groups

17.1 **Presentations Analysis 1**

22.1 Case Study: **Volume Element Systems**
Guest: **Matti Mikkola** (Finnish Woodworking Industies)
+ tutoring in groups

24.1 Case Study: **Large Panel**
+ tutoring in groups

29.1 **Presentations Analysis 2**

31.1 Guest: **Industrial fabrication (Mauri Konttila)**
+ tutoring in teams

February

5.2 Guest: **Fire safety (Esko Mikkola) +**
**Acoustics (Mikko Kylliäinen**+ tutoring in teams

7.2 Guest **: Industrial facade elements (Toni Österlund)**
+ mid-review + tutoring in groups

12.2 **Guest : TBC**
+ tutoring in teams

14.2 Tutoring + working in groups

16.2 Final submission in MyCourses at 12:00

26.2 **Final presentation + evaluation**

Assignment 1

Case Study:
. Mjøstårnet
. Moholt Towers
. Hesletre
. Puukuokka housing
. Pudasjärven Hirsihovi
. Life Cycle Tower

Assignment 2

Building systems:
. Stud Frame Elements
. Solid Panel Elements
. Post-Beam + Slab
. Volume Units
. Log Solutions
. Hybrid Solutions

Final Assignment

Building Type Application:
Group 1: Stud Frame Elements
Group 2: Solid Panel Elements
Group 3: Post-Beam + Slab
Group 4: Volume Units
Group 5: Log Solutions
Group 6: Hybrid Solutions