

Subject: TIMBER STRUCTURES	Acad. Year	Semester	Year
Teachers: ÁRVA Péter and VETŐ Dániel	2011/12.	II.	3 rd .

TOPICS SCHEDULE

Acad. Week Calend. Week	Date	LECTURES Friday 12 ¹⁵ -14 K354/b	Date	PRACTICALS Friday 10 ¹⁵ -12 K354/b
1. 6.	10.02.	Introduction: timber in architecture. Material prop.	10.02.	Repetition of statics.
2. 7.	17.02.	Bolted connections.	17.02.	Traditional roof. Carpenter connections (lecture).
3. 8.	24.02.	Connections with steel plates and glued connections.	24.02.	Traditional roof and connections. Bolted connections.
4. 9.	02.03.	Practice for Test 1.	02.03.	Connections with rings and plates.
5. 10.	09.03.	Columns in compression or tension.	09.03.	TEST 1. (deadline for Homework 1.)
6. 11.	16.03.	<i>National Holiday</i>	16.03.	<i>National Holiday</i>
7. 12.	23.03.	Bending.	23.03.	Central compression and tension.
8. 13.	30.03.	Bending.	30.03.	Bending, Fire protection.
9. 14.	06.04.	Columns in eccentric compression or tension.	06.04.	Practice for Test 2.
10. 15.	13.04.	Deflections and vibration.	13.04.	TEST 2. (deadline for Homework 2.)
11. 16.	20.04.	<i>Design week</i>	20.04.	<i>Design week</i>
12. 17.	27.04.	Roof arches, frames.	27.04.	Eccentric compression and tension.
13. 18.	04.05.	Practice for Test 3.	04.05.	Deflections. Creep of timber.
14. 19.	11.05.	Design rules.	11.05.	TEST 3. (deadline for Homework 3.)

Requirements:

3 tests	-	3x120p, the two better ones are counted, 60p average from the two better ones is the minimum
3 homeworks	-	optional, 3x5p (if submitted until the deadline), the points are <u>not</u> able to improve the points of the tests
TOTAL Semester		240p, 120p is the minimum
Exam written part-		120p
Exam oral part-		120p
TOTAL Exam		240p, 100p is the minimum
TOTAL Mark		480p, 240p is the minimum (1:0-239; 2:240-289; 3:290-339; 4:340-389; 5:390-480)

Budapest, 27th January, 2012.

ÁRVA, Péter

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