

Strength of Materials
BMEEOTMAS41
2018-19. 1st semester, BSc

week	Wed 12-14 K 376	topic
1.	03 Sept (Mon)	01. Repetition: Basic Equations and Virtual Work Theorems (extra class)
1.	05 Sept	02. The Stationary Theorem of Potential Energy
2.	12 Sept	03. The Minimum Theorem of Complementary Potential Energy
3.	19 Sept	04. Examples: Energy theorems (Preparation for Test 1)
4.	26 Sept	05. Test 1.: Energy Theorems
5.	03 Oct	06. Deflection Diagrams of Bernoulli-Navier Beams
6.	10 Oct	07. Energy Theorems for Beams under Static Loads
7.	17 Oct	08. Energy Theorems for Kinematic Loads
7.	19 Oct (Fri)	09. Deformations of frames: Preparation for Test 2 (extra class)
8.	24 Oct	10. Test 2.: Energy Theorems for Beams
9.	31 Oct	11. Basics of Stability Analysis
10.	07 Nov	12. Buckling of Elastic Bars under Compression
11.		-----
12.	21 Nov	13. Problem Solving for Basic Stability Analysis
13.	28 Nov	14. Test 3.: Stability Analysis
14.		-----

There will be no class on the last week; instead, repetition of the previous studies will be held on the first week on 03 Sept, Monday, 16.15 – 19.00 (three hours) in K.mf.78. Consultation for preparation to Test 2 will be held on 19 Oct Friday, 16.15 – 18.00 in K.mf.78.

Budapest, 16 Aug 2018.

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