

SUCOS 2013/2015 1E7 REHABILITATION AND MAINTENANCE OF BUILDINGS

Date	Lectures: 8.30-10.00 2C08	Lectures: 10.30-12.00 2C08	Design Applications:14.00-16.00 TP	Practice (individual work) 16.00-18.00
10.iun	Catastrophic events and structural integrity 1 (FMM)	Catastrophic events and structural integrity 2 (FMM)	The use of steel in consolidation (FMM)	
11.iun	Catastrophic events and structural integrity 1 (FMM)	Catastrophic events and structural integrity 2 (FMM)	Steelworks in structural restoration (FMM)	
12.iun	Structural restoration of bridges 1 (FMM)	Structural restoration of bridges 2 (FMM)	Case studies in Naples (FMM)	
13.iun	Earthquake protection of historical buildings 1 (FMM)	Earthquake protection of historical buildings 2 (FMM)	Earthquake damage examination (FMM)	
Weekend				
16.iun	Reliability of structures during their life-cycle (DF)	Errors in the design of structures and modern reconstruction (AD)	Assignment 1 (AD)	17:00-19:00 Open Lecture* - Safety, Risk and Sustainability of Structural Systems under Multi-Hazards (DF)
17.iun	Inspection, maintenance, monitoring and optimum management of structures (DF)	Integration of Reliability, Risk, Resilience, and Sustainability in Optimum Life-Cycle Management of Structures under Seismic Actions (DF)	Assignment 1 (AD)	
18.iun	Mechanical properties of cast iron, mild iron and steel at historical structures (AD)	Overview of codes for design and actions on structures (AD)	Assignment 1 (AD)	
19.iun	Strengthening of structures using Fiber Reinforcement Techniques 1 (VS)	Strengthening of structures using Fiber Reinforcement Techniques 2 (VS)	Assignment 1 (AD)	
20.iun			Tutorial (VS)	
21.iun			Tutorial (VS)	
			TP Deadline	
	EXAMINATION			

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