

Computer room III.41 (lectures & practices)

Hours	Monday, April 3 rd	Tuesday, April 4 th	Wednesday, April 5 th	Thursday, April 6 th	Friday, April 7 th
8:00 – 9:45	Description of FRAMA Project & Course Motivation and Objectives (lecture)	Seismic Design and Detailing of the Structure (lecture/practice)	<i>Excursion</i>	Testing of Structure using Physical Models & Mathematical Modelling Techniques and Methodology of Structure Construction Material (Masonry Wall and Reinforced Concrete Frame Structure) in ATENA 3D Eng (lecture/practice)	Simplified (Engineering) Methodologies for Structure Assessment (lecture/practice)
9:45 – 10:00	<i>Coffee break</i>	<i>Coffee break</i>		<i>Coffee break</i>	<i>Coffee break</i>
10:00 – 11:45	Structure Background and Description & Structure Response under Seismic Action (lecture)	Seismic Design and Detailing of the Structure (lecture/practice)		Testing of Structure using Physical Models & Mathematical Modelling Techniques and Methodology of Structure Construction Material (Masonry Wall and Reinforced Concrete Frame Structure) in ATENA 3D Eng (lecture/practice)	Simplified (Engineering) Methodologies for Structure Assessment (lecture/practice)
11:45 – 14:00	<i>Joint lunch break</i>	<i>Lunch break</i>	<i>Joint lunch break</i>	<i>Lunch break</i>	<i>Lunch break</i>
14:00 – 15:45	Testing of Structure using Physical Models & Mathematical Modelling Techniques and Methodology of Structure Construction Material (Concrete, Steel Reinforcement, Masonry Units and Mortar Joints) in ATENA 3D Eng (lecture/practice)	Testing of Structure using Physical Models & Mathematical Modelling Techniques and Methodology of Structure Construction Material (Concrete, Steel Reinforcement, Masonry Units and Mortar Joints) in ATENA 3D Eng (lecture/practice)	Testing of Structure using Physical Models & Mathematical Modelling Techniques and Methodology of Structure Construction Material (Masonry Wall and Reinforced Concrete Frame Structure) in ATENA 3D Eng (lecture/practice)	Structure Seismic Behaviour Simulation under Static and Cyclic Action & Mathematical Modelling Techniques and Methodology of Structure Construction Material (Masonry Wall and Reinforced Concrete Frame Structure) in ATENA 3D Eng (lecture/practice)	Group Project Assignment Definition and Discussion
15:45 – 16:00	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>	
16:00 – 17:45	Testing of Structure using Physical Models & Mathematical Modelling Techniques and Methodology of Structure Construction Material (Concrete, Steel Reinforcement, Masonry Units and Mortar Joints) in ATENA 3D Eng (lecture/practice)	Testing of Structure using Physical Models & Mathematical Modelling Techniques and Methodology of Structure Construction Material (Concrete, Steel Reinforcement, Masonry Units and Mortar Joints) in ATENA 3D Eng (lecture/practice)	Testing of Structure using Physical Models & Mathematical Modelling Techniques and Methodology of Structure Construction Material (Masonry Wall and Reinforced Concrete Frame Structure) in ATENA 3D Eng (lecture/practice)	Data Analysis and Assessment & Mathematical Modelling Techniques and Methodology of Structure Construction Material (Masonry Wall and Reinforced Concrete Frame Structure) in ATENA 3D Eng (lecture/practice)	<i>Joint dinner at 17:00</i>