

Courses for Erasmus+ Students
Department of Civil Engineering AUTH

Last update : 20-02-2024

64 = No of courses		Σ ECTS = 251													Course Instructor		
No	Code	Course	Semester	ECTS	Compulsory	Instruction				Examination				Books/Notes/Other	Name	email	Office location
					Elective	Lectures	Independent study	Project	Other	Written Exam	Oral exam	Project	Other				
1	TE0200	Technical Drawing	1 (Fall)	6	Compulsory	X		X		X		X		Ernst Neufert (2003)	S Bagiouk	smpagiou@civil.auth.gr	R104, 1st Floor, Hydraulics Build
2	TE0100	Construction Materials I	1 (Fall)	6	Compulsory		X	X		X		X		Electronic material (papers, lectures presentations, proposed references)	M Stefanidou	stefan@civil.auth.gr	Ground floor, Main Building of School of Engineering (Building A')
3	TE0400	Construction Materials II	2 (Spring)	6	Compulsory		X	X		X		X		Electronic material (papers, lectures presentations, proposed references)	E Anastasiou	elan@civil.auth.gr	Ground floor, Main Building of School of Engineering (Building A')
4	TE2900	Special topics in construction materials	8 (Spring)	3	Elective		X	X				X			M Stefanidou	stefan@civil.auth.gr	Ground floor, Main Building of School of Engineering (Building A')
5	TE3700	Behavior and properties of reinforced concrete	9 (Fall)	4	Elective		X	X		X	X	X		Electronic material (papers, lectures presentations, proposed references)	E Anastasiou	elan@civil.auth.gr	Ground floor, Main Building of School of Engineering (Building A')
6	TE4100	Restoration of concrete and masonry buildings	9 (Fall)	4	Elective		X	X				X		Electronic material (papers, lectures presentations, proposed references)	E Anastasiou, V Pachta	elan@civil.auth.gr	Ground floor, Main Building of School of Engineering (Building A')
7	TE4200	Timber structures	9 (Fall)	4	Elective				X			X		Electronic material (papers, lectures presentations, proposed references)	E Anastasiou, Ch Giarma, M Stefanidou	elan@civil.auth.gr , chgiarma@civil.auth.gr , stefan@civil.auth.gr	Ground floor, Main Building of School of Engineering (Building A')
8	TE1200	Special Topics in Building Construction	8 (Spring)	3	Elective		X	X				X		Notes & proposed bibliography	K Tsilakoudaki	katgt@civil.auth.gr	Ground floor, Main Building of School of Engineering (Building A')
9	TE3500	Fire Protection of Building Structures	8 (Spring)	3	Elective		X					X	Individual meetings for assigned projects (work progress monthly basis)	Electronic material (papers, lectures presentations, proposed references)	K-N Kontoleon	kontoleon@civil.auth.gr	Ground floor, Main Building of School of Engineering (Building A')
10	TE4300	Elastoplastic analysis of structures	9 (Fall)	4	Elective		X	X		X		X		Books/Notes/Other	E Papamichos	epapamic@civil.auth.gr	
11	TE4400	Strength of Materials and Structural Elements I	2 (Spring)	6	Compulsory		X			X			Weekly exercises	Book	E Papamichos	epapamic@civil.auth.gr	4th floor, Main Building of School of Engineering (Building A')
12	TE4500	Strength of Materials and Structural Elements II	3 (Fall)	6	Compulsory		X			X			Weekly exercises	Book	K Katakalos	kkatakal@civil.auth.gr	Basement, Main Building of School of Engineering (Building A')
13	TE2600	Concrete bridges	9 (Fall)	4	Elective										V Papanikolaou	billy@civil.auth.gr	Reinforced concrete Bldg
14	TE2300	Prestressed Concrete	8 (Spring)	4	Elective (Compulsory for Structures)		X					X		Notes	C. Karayannis V. Papanikolaou Gr Manoukas	karayan@civil.auth.gr , billy@civil.auth.gr , grman@civil.auth.gr	Reinforced concrete Bldg
15	TE1100	Metal Structures I	6 (Spring)	5	Compulsory		X	X		X		X		Books/Notes/Other	E Efthymiou	vefth@civil.auth.gr	Insitute of Metal Structures, 4th floor, Main Building of School of Engineering (Bldg. A')
16	TE1500	Metal Structures II	7 (Fall)	5	Compulsory		X	X		X		X		Books/Notes/Other	E Efthymiou	vefth@civil.auth.gr	Insitute of Metal Structures, 4th floor, Main Building of School of Engineering (Bldg. A')
17	TE2200	Composite buildings and bridges	8 (Spring)	3	Elective		X	X		X		X		Books/Notes/Other	Th Nikolaidis	thnik@civil.auth.gr	Insitute of Metal Structures, 4th floor, Main Building of School of Engineering (Bldg. A')
18	TE5100	Structural Aluminium	9 (Fall)	4	Elective		X	X		X		X		Books/Notes/Other	E Efthymiou	vefth@civil.auth.gr	Insitute of Metal Structures, 4th floor, Main Building of School of Engineering (Bldg. A')

19	TE3100	Seismic analysis and other specifics of Metal Structures Design	9 (Fall)	5	Compulsory		X	X		X	X		Books/Notes/Other	E Koltsakis	mkolts@civil.auth.gr	Institute of Metal Structures, 4th floor, Main Building of School of Engineering (Bldg. A')
20	TE2000	Numerical methods in structural analysis I	7 (Fall)	3	Elective (Compulsory for Structures)									G Stefanou	gstefanou@civil.auth.gr	5th Floor, Main Building of School of Engineering (Building A')
21	TE0800	Structural analysis II	5 (Fall)	5	Compulsory		X				X		Books/Notes/Other	T Makarios	makariostr@civil.auth.gr	5th Floor, Main Building of School of Engineering (Building A')
22	TE1300	Theory of Disks and Plates	7 (Fall)	3	Elective (Compulsory for Structures)		X				X		Books/Notes/Other	T Makarios	makariostr@civil.auth.gr	5th Floor, Main Building of School of Engineering (Building A')
23	TE2100	Theory of Shells	8 (Spring)	3	Elective		X				X		Books/Notes/Other	T Makarios	makariostr@civil.auth.gr	5th Floor, Main Building of School of Engineering (Building A')
24	TE1800	Dynamics of Structures I	6 (Spring)	5	Compulsory		X	X		X	X		Book/Notes	A Athanatopoulou	minak@civil.auth.gr	5th Floor, Main Building of School of Engineering (Building A')
25	TE2400	Dynamics of Structures II	8 (Spring)	4	Elective (Compulsory for Structures)		X	X		X	X		Book/Notes	A Athanatopoulou	minak@civil.auth.gr	5th Floor, Main Building of School of Engineering (Building A')
26	TY002	Natural Hazards : Analysis and Management of Risk	9 (Fall)	4	Elective		X	X		X				D Pitilakis	dpitilakis@civil.auth.gr	3th Floor, Main Building of School of Engineering (Building A')
27	TT0300	Engineering Geology I	3 (Fall)	6	Compulsory		X			X		Weekly exercises	Notes/Ppt	E Mpakasis	bacasis@auth.gr	Main Enginrg Building- annex building, 2nd Floor
28	TT0500	Soil Mechanics I	5 (Fall)	5	Compulsory		X	X		X	X	Weekly exercises	Electronic material (book chapters, notes, lectures presentations)	Th Tika	tika@civil.auth.gr	Civil Engineering Wing, Basement
29	TT0900	Photogrammetry-Geoinformation Systems	8 (Spring)	3	Elective		X	X	X		X		Notes	M Lazaridou	lazamari@civil.auth.gr	Surveyors' Building, 2nd floor
30	TT1100	Foundations- Retaining walls & Geotechnical Structures	8 (Spring)	5	Compulsory	X		X		X	X		Book/Notes/ppt	Ch Anagnostopoulos, D Pitilakis	anag@civil.auth.gr dpitilakis@civil.auth.gr	Polytechnic Wing B (building 10b), Basement, Lab of Soil Mechanics, Foundations and Geotechnical Earthquake Engineering
31	TT1700	Deep Excavations and Earth Retaining Structures	9 (Fall)	5	Elective (Compulsory for Geotechnics)	X		X		X	X		Notes/ppt	Ch Anagnostopoulos, D Pitilakis	anag@civil.auth.gr dpitilakis@civil.auth.gr	
32	TT2100	Geomatics	9 (Fall)	4	Elective	X	X				X		Notes/ppt	P Savvaidis, K Lakakis	lakakis@civil.auth.gr	Surveyors' Building, 2nd floor
33	TT2500	Engineering Seismology and Earthquake Engineering	9 (Fall)	3	Elective		X			X				D Raptakis	raptakis@civil.auth.gr	
34	TT3500	Photointerpretation-Remote Sensing	9 (Fall)	4	Elective		X	X	X		X		Notes	M Lazaridou	lazamari@civil.auth.gr	
35	TT3600	Special issues of Photogrammetry	9 (Fall)	4	Elective		X	X	X		X		Notes	M Lazaridou	lazamari@civil.auth.gr	
36	TT3700	Geotechnical Earthquake Engineering	8 (Spring)	3	Elective	X		X		X		Weekly exercises	Notes/ppt	A Anastasiadis, D Pitilakis	anas@civil.auth.gr dpitilakis@civil.auth.gr	Polytechnic Wing B (building 10b), Basement, Lab of Soil Mechanics, Foundations and Geotechnical Earthquake Engineering
37	TT3900	Landslides, Earth Cuts and Fills	9 (Fall)	4	Elective	X		X		X	X		Electronic material (book chapters, notes, lectures presentations)	Ch Anagnostopoulos, Th Tika	anag@civil.auth.gr tika@civil.auth.gr	
38	TY003	Design and construction of dams	9 (Fall)	4	Elective		X	X			X	Weekly exercises	Electronic material (book chapters, notes, lectures presentations)	P Prinos, Th Tika	prinos@civil.auth.gr tika@civil.auth.gr	R207, 2nd Floor, Hydraulics Build
39	TΣ0300	Construction Equipment	7 (Fall)	3	Elective (Compulsory for Transportation)			X			X		Book/Notes Ppts	KI Petroutsatou	kpetrout@civil.auth.gr	3rd Floor (next to the stairs), Main Building of School of Engineering (Building A')
40	TΣ0600	Traffic control	8 (Spring)	3	Elective									G Georgiadis	ggeorgiadis@civil.auth.gr	6th Floor, Main Building of School of Engineering (Building A')
41	TΣ1200	Railway infrastructure	8 (Spring)	4	Elective (Compulsory for Transportation)		X			X	X		Book (in English)	Ch Pyrgidis	pyrgidis@civil.auth.gr	
42	TΣ1500	Management of Construction Sites	9 (Fall)	5	Elective		X	X			X		Books/Notes/Other	I Xenidis	ioxen@civil.auth.gr	3rd Floor, Main Building of School of Engineering (Building A')
43	TΣ1800	Transportation Economics	9 (Fall)	4	Elective			X		X	X		Book/Notes	D Nalmpantis, G Palantzas, I Politis	dnalba@civil.auth.gr palantzas@civil.auth.gr pol@civil.auth.gr	6th Floor, Main Building of School of Engineering (Building A')
44	TΣ1900	Public Transportation	9 (Fall)	5	Elective (Compulsory for Transportation)	X		X		X	X		Book/Notes/Ppt/Audio	G Georgiadis	ggeorgiadis@civil.auth.gr	6th Floor, Main Building of School of Engineering (Building A')
45	TΣ2100	Transportation Systems	8 (Spring)	4	Elective (Compulsory for Transportation)			X		X	X		Book/Notes	D Nalmpantis, G Palantzas	dnalba@civil.auth.gr palantzas@civil.auth.gr	6th Floor, Main Building of School of Engineering (Building A')
46	TΣ2200	Construction Management	7 (Fall)	5	Compulsory			X			X		Book/Notes Ppts	G Aretoulis KI Petroutsatou	garet@civil.auth.gr kpetrout@civil.auth.gr	3rd floor, Main Building of School of Engineering (Building A')
47	TΣ3400	Management of Construction Companies	8 (Spring)	3	Elective			X			X		Book/Notes Ppts	KI Petroutsatou, D Nalmpantis	kpetrout@civil.auth.gr dnalba@civil.auth.gr	3rd Floor, Main Building of School of Engineering (Building A') 6th Floor, Main Building of School of Engineering (Building A')

48	ΤΣ3900	Regional Development II	9 (Fall)	4	Elective			X			X		Book/Notes	D Nalmpantis, G Palantzas	dnalba@civil.auth.gr palantzas@civil.auth.gr	6th Floor, Main Building of School of Engineering (Building A')
49	ΤΣ4100	Road Safety	9 (Fall)	4	Elective		X	X			X		Notes/Book	F Kehagia, D Nalmpantis	fkehagia@civil.auth.gr dnalba@civil.auth.gr	1st Floor, Main Building of School of Engineering (Building A') 6th Floor, Main Building of School of Engineering
50	ΤΣ4300	Project Management	8 (Spring)	5	Compulsory		X	X			X		Books/Notes/Other	I Xenidis	ioxen@civil.auth.gr	3rd Floor, Main Building of School of Engineering (Building A')
51	ΤΣ4400	Management Information Systems for Engineering Projects	8 (Spring)	3	Elective	X (conditional on number of students)		X			X		Notes/Ppt	I Xenidis	ioxen@civil.auth.gr	3rd Floor, Main Building of School of Engineering (Building A')
52	TY0600	Engineering Hydrology	7 (Fall)	3	Elective (Compulsory for Hydraulics)	X (conditional on number of students)		X		X	X		Book/Notes	Z Mallios, N Theodosiou	zmallios@civil.auth.gr	R206, 2nd Floor, Hydraulics Building
53	TY1100	Hydraulics of Groundwater Flows	8 (Spring)	3	Elective	X (conditional on number of students)	X	X		X	X		Ppt presentations	N Theodosiou	niktheod@civil.auth.gr	R102, 1st Floor, Hydraulics Building
54	TY1700	Water Resources Management	9 (Fall)	5	Elective (Compulsory for Hydraulics)		X			X	X			E Kolokytha, I Mylopoulos, N. Theodosiou, Z Mallios	lpcol@civil.auth.gr niktheod@civil.auth.gr	R202, 2nd Floor & R102, 1st Floor, Hydraulics Building
55	TY2000	Design and Construction of Ports	8 (Spring)	4	Elective (Compulsory for Hydraulics)		X	X	Exercises		X	Exercises submitted at end of semester	Electronic material (proposed references)	E Loukogeorgaki	eloukog@civil.auth.gr	R218, 2nd Floor, Hydraulics Building
56	TY2500	Hydraulics of open channels and Rivers	8 (Spring)	3	Elective				Exercises			Weekly exercises	Book/Notes/Ppt	M Valyrakis	mvalyra@civil.auth.gr	R215, 2nd Floor, Hydraulics Building
57	TY2700	Coastal Oceanography	9 (Fall)	4	Elective		X	X			X		Electronic material (proposed references)	Th Karambas, I Krestenitis	karambas@civil.auth.gr ynkrest@civil.auth.gr	R210 & R213, 2nd Floor, Hydraulics Building
58	TY4200	Solid waste management	9 (Fall)	4	Elective		X			X				A Kungolos, M Samolada	kungolos@civil.auth.gr	R205, 2nd Floor, Hydraulics Building
59	TY4400	Environmental and Energy Policy in European Union	8 (Spring)	3	Elective		X	X			X			E Kolokytha, I Mylopoulos, A Kungolos	lpcol@civil.auth.gr mylop@auth.gr kungolos@civil.auth.gr	202, 212 & 205, 2nd Floor, Hydraulics Building
60	TY4500	Marine Structures	9 (Fall)	4	Elective		X	X			X		Electronic material (proposed references)	E Loukogeorgaki	eloukog@civil.auth.gr	R218, 2nd Floor, Hydraulics Building
61	TY4700	Environmental Impact Assessment	7 (Fall)	3	Elective (Compulsory for Hydraulics)		X			X			Notes	N Theodosiou, Th Karambas, Z Mallios, A Kungolos	niktheod@civil.auth.gr	R102, 1st Floor, Hydraulics Building
62	TY5000	Coastal Protection Works and Coasts	8 (Spring)	3	Elective		X	X			X		Electronic material (proposed references)	Th Karambas	karambas@civil.auth.gr	R210, 2nd Floor, Hydraulics Building
63	TY5100	Water and Wastewater Treatment Engineering	9 (Fall)	4	Elective		X	X		X	X		Book	A Zafeirakou, A Kungolos	azafir@civil.auth.gr	R208, 2nd Floor, Hydraulics Building
64	TY2300	Environmental Engineering	6	5	Compulsory		X			X	X		Book, electronic material	A Kungolos, A Zafirakou	kungolos@civil.auth.gr	R205, 2nd Floor, Hydraulics Building