

Courses for Erasmus+ Students
Department of Civil Engineering AUTH

Last update : 2019-03-14

Important Notice:

For courses not listed below please contact the course instructors

57 = No of courses		ΣECTS = 231															
No	Code	Course	Semester	ECTS	Compulsory	Instruction				Examination				Books/Notes/Other	Course Instructor		
					Elective	Lectures	Independent study	Project	Other	Written Exam	Oral exam	Project	Other		Name	email	Office location
1	TE0200	Technical Drawing	1	6	Compulsory	X		X		X		X		Ernst Neufert (2003)	S. Bagiouk	smpagiou@civil.auth.gr	R104, 1st Floor, Hydraulics Build
2	TE0400	Construction Materials II	2	6	Compulsory		X	X		X		X		Electronic material (papers, lectures presentations, proposed references)	El. Anastasiou	elan@civil.auth.gr	Ground floor, Main Building of School of Engineering (Building A')
3	TE1100	Metal Structures I	6	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')
4	TE1200	Special Topics in Building Construction	8	3	Elective		X	X				X		Notes & proposed bibliography	K. Tsikaloudaki	katgt@civil.auth.gr	Ground floor, Main Building of School of Engineering (Building A')
5	TE1500	Metal Structures II	7	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')
6	TE1700	Energy-Saving Design in Buildings	9	4	Elective			X				X	Individual meetings for assigned projects (work progress monthly basis)	Electronic material (lecture presentations, regulations, proposed references)	Th. Theodosiou	tgt@civil.auth.gr	Ground floor, Main Building of School of Engineering (Building A')
7	TE1800	Dynamics of Structures I	6	5	Compulsory		X	X		X	X			Book/Notes	A. Athanatopoulou	minak@civil.auth.gr	5th Floor, Main Building of School of Engineering (Building A')
8	TE2000	Numerical methods in structural analysis I	7	3	Elective (Compulsory for Structural engineering)										Y. Stefanou	gstefanou@civil.auth.gr	5th Floor, Main Building of School of Engineering (Building A')
9	TE2200	Composite buildings and bridges	8	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')
10	TE2300	Prestressed Concrete	8	4	Elective (Compulsory for Structural engineering)		X			X					V. Papanikolaou	billy@civil.auth.gr	Reinforced concrete Bldg
11	TE2400	Dynamics of Structures II	8	4	Elective (Compulsory for Structural engineering)		X	X		X	X			Book/Notes	A. Athanatopoulou	minak@civil.auth.gr	5th Floor, Main Building of School of Engineering (Building A')
12	TE2600	Concrete bridges	9	4	Elective										V. Papanikolaou	billy@civil.auth.gr	Reinforced concrete Bldg
13	TE3100	Seismic analysis and other specifics of Metal Structures Design	9	3	Compulsory		X	X		X		X		Books/Notes/Other	E. Koltsakis	mkolts@civil.auth.gr	Insitute of Metal Structures, 4th floor, Main Building of School of Engineering (Bldg. A')
14	TE3200	Advanced Topics in Concrete Structures	9	4	Elective										V. Papanikolaou	billy@civil.auth.gr	Reinforced concrete Bldg
15	TE3500	Fire Protection of Building Structures	8	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')
16	TE3700	Behavior and properties of reinforced concrete	9	4	Elective		X	X		X	X			Electronic material (papers, lectures presentations, proposed references)	El. Anastasiou	elan@civil.auth.gr	Ground floor, Main Building of School of Engineering (Building A')
17	TE4300	Elastoplastic analysis of structures	9	4	Elective					X		X		Books/Notes/Other	E. Papamichos	epapamic@civil.auth.gr	Basement, Main Building of School of Engineering (Building A')
18	TE4200	Timber constructions	9	4	Elective			X				X		Electronic material (papers, lectures presentations, proposed references)	El. Anastasiou Ch. Giarma	elan@civil.auth.gr chgirma@civil.auth.gr	Ground floor / 4th floor, Main Building of School of Engineering (Building A')
19	TE4400	Strength of Materials and Structural Elements I	2	6	Compulsory		X			X			Weekly exercises	Book	E. Papamichos	epapamic@civil.auth.gr	Basement, Main Building of School of Engineering (Building A')
20	TE4500	Strength of Materials and Structural Elements II	3	6	Compulsory		X			X			Weekly exercises	Book	K. Katakalos	kkatakal@civil.auth.gr	Basement, Main Building of School of Engineering (Building A')
21	TE5100	Structural Aluminium	8	3	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')
22	TF0300	Engineering Geology I	3	6	Compulsory		X			X			Weekly exercises	Notes/Ppt	A. Dimadi, G. Dimadis	adimad@civil.auth.gr	Main Enging Building- annex building, 2nd Floor
23	TF0500	Soil Mechanics I	5	5	Compulsory		X	X		X		X	Weekly exercises	Book/Notes	Th. Tika	tika@civil.auth.gr	Civil Engineering Wing, Basement
24	TF0900	Photogrammetry-Geoinformation Systems	8	3	Elective		X	X	X			X		Notes	M. Lazaridou	lazamari@civil.auth.gr	Surveyors' Building, 2nd floor
25	TF1100	Foundations- Retaining walls & Geotechnical Structures	8	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
26	TF1700	Deep Excavations and Earth Retaining Structures	9	5	Elective (Compulsory for Geotechnical Engineering)	X		X			X	X		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
27	TF3500	Photointerpretation-Remote Sensing	9	4	Elective		X	X	X			X		Notes	Ch. Georgiadis, M Lazaridou	lazamari@civil.auth.gr	Surveyors' Building, 2nd floor

28	TF3600	Special issues of Photogrammetry	9	4	Elective		X	X	X			X		Notes	Ch. Georgiadis, M Lazaridou	lazamari@civil.auth.gr	Surveyors' Building, 2nd floor
29	TF3700	Geotechnical Earthquake Engineering	8	3	Elective	X		X	Weekly exercises			X		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
30	TF3900	Landslides, Earth Cuts and Fills	9	4	Elective	X		X				X	X	Notes/ppt	Ch. Anagnostopoulos, Th. Tika	anag@civil.auth.gr tika@civil.auth.gr	Polytechnic Wing B (building 10b), Basement, Lab of Soil Mechanics, Foundations and Geotechnical Earthquake Engineering
31	TY003	Design and construction of dams	9	4	Elective		X	X							P. Prinos, Ch. Anagnostopoulos	prinos@civil.auth.gr anag@civil.auth.gr	R207, 2nd Floor, Hydraulics Build
32	TF0300	Construction Equipment	7	3	Elective (Compulsory in Transportation Infrastructure and Regional Planning)				X				X	Book/Notes Ppts	Kl. Petroutsatou	kpetrout@civil.auth.gr	3rd Floor (next to the stairs), Main Building of School of Engineering (Building A')
33	TF1500	Management of Construction Sites	9	5	Elective		X	X					X	Books/Notes/Other	Y. Xenidis	ioxen@civil.auth.gr	3rd Floor, Main Building of School of Engineering (Building A')
34	TF1800	Transportation Economics	9	4	Elective	X		X		X			X	Book/Notes/Ppt	A. Naniopoulos	naniopou@civil.auth.gr	6th Floor, Main Building of School of Engineering (Building A')
35	TF1900	Public Transportation	9	5	Elective (Compulsory for Transportation Infrastructure and Regional Planning)	X		X		X			X	Book/Notes/Ppt/Audio	A. Naniopoulos	naniopou@civil.auth.gr	6th Floor, Main Building of School of Engineering (Building A')
36	TF2100	Transportation Systems	8	4	Elective (Compulsory in Transportation Infrastructure and Regional Planning)	X		X		X			X	Book/Notes/Ppt	A. Naniopoulos	naniopou@civil.auth.gr	6th Floor, Main Building of School of Engineering (Building A')
37	TF2200	Construction Management	7	5	Compulsory				X				X	Book/Notes Ppts	G. Aretoulis	kpetrout@civil.auth.gr	3rd Floor (next to the stairs), Main Building of School of Engineering (Building A')
38	TF3000	Transportation Planning	7	4	Compulsory		X	X	X				X	Book/Notes/Ppt	I. Politis	pol@civil.auth.gr	6th Floor, Main Building of School of Engineering (Building A')
39	TF3400	Management of Construction Companies	8	3	Elective				X				X	Book/Notes Ppts	Kl. Petroutsatou	kpetrout@civil.auth.gr	3rd Floor, Main Building of School of Engineering (Building A')
40	TF3900	Regional Development II	9	4	Elective	X		X					X	Book/Ppt	A. Naniopoulos	naniopou@civil.auth.gr	6th Floor, Main Building of School of Engineering (Building A')
41	TF4100	Road Safety	9	4	Elective		X	X					X	Notes/Book	F. Kehagia	fkehagia@civil.auth.gr	1st Floor, Main Building of School of Engineering (Building A')
42	TF4300	Project Management	8	5	Compulsory		X	X					X	Books/Notes/Other	Y. Xenidis	ioxen@civil.auth.gr	3rd Floor, Main Building of School of Engineering (Building A')
43	TF4400	Management Information Systems for Engineering Projects	8	3	Elective	X (conditional on student number)			X				X	Notes/Ppt	Y. Xenidis	ioxen@civil.auth.gr	3rd Floor, Main Building of School of Engineering (Building A')
44	TY0600	Engineering Hydrology	7	3	Elective (Compulsory for specialization)	X (conditional on student number)			X		X		X	Book/Notes	M. Vafeiadis	vmarios@civil.auth.gr	R217, 2nd Floor, Hydraulics Build
45	TY1100	Hydraulics of Groundwater Flows	8	3	Elective	X (conditional on student number)	X	X		X			X	Ppt presentations	K. Katsifarakis	kkats@civil.auth.gr	R209, 2nd Floor, Hydraulics Build
46	TY1700	Water Resources Management	9	5	Elective (Compulsory for specialization)		X				X	X			N. Theodosiou	niktheod@civil.auth.gr	R102, 1st Floor, Hydraulics Build
47	TY2000	Design and Construction of Ports	8	4	Elective (Compulsory for specialization)		X	X	Exercises			X	Exercises submitted at end of semester	Electronic material (proposed references)	E. Loukogeorgaki	eloukog@civil.auth.gr	R218, 2nd Floor, Hydraulics Build
48	TY2500	Hydraulics of Open channels and Rivers	8	3	Elective				Exercises				Weekly exercises	Book	P. Prinos	prinos@civil.auth.gr	R207, 2nd Floor, Hydraulics Build
49	TY2700	Coastal Oceanography	9	4	Elective	Not offered in 2018-2020	X	X				X		Electronic material (proposed references)	Y. Krestenitis, Th. Karambas	ynkrest@civil.auth.gr karambas@civil.auth.gr	R213 & R210, 2nd Floor, Hydraulics Build
50	TY4300	Groundwater Resources Exploitation and Protection	8	3	Elective		X	X			X	X			N. Theodosiou	niktheod@civil.auth.gr	R102, 1st Floor, Hydraulics Build
51	TY4400	Environmental and Energy Policy in European Union	8	3	Elective		X	X				X			E. Kolokytha, A. Kougkolos	jpcol@civil.auth.gr kungolos@civil.auth.gr	Hydraulics Bldg
52	TY4500	Marine Structures	9	4	Elective		X	X				X		Electronic material (proposed references)	E. Loukogeorgaki	eloukog@civil.auth.gr	R218, 2nd Floor, Hydraulics Build
53	TY4600	Design of Water Supply and Sewerage systems	8	4	Elective (Compulsory for specialization)			X				X	Weekly exercises	Notes/Ppts	P. Prinos	prinos@civil.auth.gr	R207, 2nd Floor, Hydraulics Build
54	TY4700	Environmental Impact Assessment	7	3	Elective (Compulsory for specialization)		X				X			Notes	N. Theodosiou	niktheod@civil.auth.gr	R102, 1st Floor, Hydraulics Build
55	TY4900	Water Quality Mathematical Models for Ecosystems	9	4	Elective	Not offered in 2018-2020	X	X				X		Electronic material (proposed references)	Y. Krestenitis	ynkrest@civil.auth.gr	R213, 2nd Floor, Hydraulics Build
56	TY5000	Coastal Protection Works and Coasts	8	3	Elective		X	X				X		Electronic material (proposed references)	Th. Karambas, Y. Krestenitis	karambas@civil.auth.gr ynkrest@civil.auth.gr	R210 & R213, 2nd Floor, Hydraulics Build
57	TY5100	Water and Wastewater Treatment Engineering	9	4	Elective		X	X			X	X		Book	A. Zafirakou	azafir@civil.auth.gr	R208, 2nd Floor, Hydraulics Bldg

Theses for Erasmus+ Students

Department of Civil Engineering AUTH

2019-03-14

No	Topic	Diploma Thesis	Semester	ECTS	Instructor responsible for the Thesis		
					Name	email	Office location
1	Building Materials, Concrete, Restoration of Concrete and masonry Buildings	Diploma Thesis	10	30	El. Anastasiou	elan@civil.auth.gr	Ground floor, Main Building of School of Engineering
2		Diploma Thesis	10	30	Chr. Georgiadis	harrisg@civil.auth.gr	1st Basement, Surveyors Building
3	Coastal engineering, Coastal protection, Harbour layout design, Climate change	Diploma Thesis	10	30	Th. Karambas	karambas@civil.auth.gr	R210, 2nd Floor, Hydraulics Build
4	Groundwater hydraulics, low enthalpy geothermal energy, history of hydraulics	Diploma Thesis	10	30	K. Katsifarakis	klkats@civil.auth.gr	R209, 2nd Floor, Hydraulics Building
5	Building Construction, Building Physics & Energy Efficiency of Buildings in Various Scales	Diploma Thesis	10	30	K.-N. Kontoleon	kontoleon@civil.auth.gr	Faculty of Engineering Building, Ground Floor
6	Coastal engineering, Coastal oceanography, Design of outfalls, Storm Surges & Climate Change, Modeling of marine environment	Diploma Thesis	10	30	Y. Krestenitis	ynkrest@civil.auth.gr	R213, 2nd Floor, Hydraulics Build
7		Diploma Thesis	10	30	M. Lazaridou	lazamari@civil.auth.gr	Surveyors' Building, 2nd floor
8	Ocean engineering, Fluid - structure interaction, Design and analysis of offshore structures, Offshore wind turbines, Wave energy converters	Diploma Thesis	10	30	E. Loukogeorgaki	eloukog@civil.auth.gr	R218, 2nd Floor, Hydraulics Build
9	Mechanics of materials, geomechanics	Diploma Thesis	10	30	E. Papamichos	epapamic@civil.auth.gr	Main Enginrg Build, Basement
10		Diploma Thesis	10	30	Kl. Petroutsatou	kpetrout@civil.auth.gr	3rd Floor, School of Engineering Main Building
11	Foundation design and analysis, Geotechnical Earthquake Engineering	Diploma Thesis	10	30	D. Pitilakis	dpitilakis@civil.auth.gr	Polytechnic Wing B (building 10b), Basement, Lab of Soil Mechanics, Foundations and Geotechnical Earthquake Engineering
12	Transportation Planning/road safety/Public Transport	Diploma Thesis	10	30	I. Politis	pol@civil.auth.gr	6th Floor, School of Engineering Main Building
13	Hydraulics, water supply systems, risk management, climate change	Diploma Thesis	10	30	P. Prinos	prinosp@civil.auth.gr	R207, 2nd Floor, Hydraulics Build
14	Building physics and building energy performance	Diploma Thesis	10	30	Th. Theodosiou	tgt@civil.auth.gr	Faculty of Engineering Building, Ground Floor
15	Building physics and building energy performance	Diploma Thesis	10	30	K. Tsikaloudaki	Not offered in 2018-2020	Ground floor, Main Building of School of Engineering
16	Water supply systems and sewage, water quality, oil spill modeling	Diploma Thesis	10	30	A. Zafirakou	azafir@civil.auth.gr	R208, 2nd Floor, Hydraulics Build
17	Steel structures, Aluminium structures, Sustainable design of metal structures	Diploma Thesis	10	30	E. Efthymiou	vefth@civil.auth.gr	Institute of Metal Structures, 4th floor, Main Building of School of Engineering (Building A')
18	Steel structures, Composite buildings and bridges	Diploma Thesis	10	30	Th. Nikolaidis	thnik@civil.auth.gr	Institute of Metal Structures, 4th floor, Main Building of School of Engineering (Building A')
19	Steel structures, Seismic design of steel structures, Special topics in steel structures (plates, fire, fatigue)	Diploma Thesis	10	30	E. Koltsakis	mkolts@civil.auth.gr	Institute of Metal Structures, 4th floor, Main Building of School of Engineering (Building A')