

Week no.	Calendar Week	Date	5		6		7		8	
			12:00	12:50	13:00	13:50	14:00	14:50	15:00	15:50
			Topic		Teacher		Topic		Teacher	
1	39	26.09.2023	Lecture - Water Eng. - W01		Brouček		Lecture - Environmental Eng. - E01		Šanda	
2	40	03.10.2023	Lecture - Water Eng. - W02		Slavičková		Practical Class - Water Eng. - PC1		Slavičková Horký	
3	41	10.10.2023	Lecture - Water Eng. - W03		Sklenář		Lecture - Environmental Eng. - E02		Dostál	
4	42	17.10.2023	Lecture - Water Eng. - W04		Sklenář		Practical Class - Water Eng. - PC2		Sklenář	
5	43	24.10.2023	Lecture - Environmental Eng. - E03		David		Lecture - Environmental Eng. - E04		Sobotková	
6	44	31.10.2023	Lecture - Water Eng. - W05		Pollert		Practical Class - Water Eng. - PC3		Kříž	
7	45	07.11.2023	Lecture - Water Eng. - W06		Pollert		Lecture - Environmental Eng. - E05		Sobotková	
8	46	14.11.2023	Lecture - Water Eng. - W07		Brouček		Practical Class - Water Eng. - PC4		Zukal	
9	47	21.11.2023	Lecture - Water Eng. - W08		Brouček		Lecture - Environmental Eng. - E06		Sobotková	
10	48	28.11.2023	Lecture - Water Eng. - W09		Nowak		Practical Class - Water Eng. - PC5		Nowak	
11	49	05.12.2023	Lecture - Water Eng. - W10		Štastný		Lecture - Environmental Eng. - E07		Zumr	
12	50	12.12.2023	Lecture - Water Eng. - W11		Brouček		Practical Class - Water Eng. - PC6		Zukal	
13	51	19.12.2023	Lecture - Water Eng. - W12		Brouček/Zukal		Extraordinary examination date		Zukal	

Water Engineering

Lectures

W01	M. Brouček / M. Zukal	Content of water management engineering, conception and threads in water management, water management structures and their need in water management, specifics of water management structures
W02	K. Slavičková	Water resources, water supply and water treatment for water supply, transport of water
W03	P. Sklenář	Data sources, climatic and hydrologic data and their processing, precipitation-drainage processes
W04	P. Sklenář	Water drainage from river basins, watercourses, minor and significant watercourses, operation of watercourses, channel treatments, flooding analysis
W05	J. Pollert	Structures and line conduits for water supply and waste water treatment
W06	J. Pollert	Waste water, output, discharge and treatment of waste water
W07	M. Brouček	Hydraulic structures on streams and rivers; Loads on hydraulic structures; Weirs and waterways
W08	M. Brouček	Dams, basic description, parts of the building, safety requirements
W09	P. Nowak	Exploitation of hydropower, hydro-electric plants, turbine types and operating hydropower schemes, technological and construction parts of hydropower plants
W10	B. Štastný	Balneotechnology, swimming pools, mineral springs spa
W11	M. Brouček	Operation and monitoring of hydraulic structures
W12	M. Brouček / M. Zukal	Critical situation on the water management structures, failures and disasters, prevention and solution of critical situations, the threat of increased flows and drought

Practical Classes

PC1	K. Slavičková / F. Horký	Water resources and water treatment / Water supply
PC2	P. Sklenář	Peak discharge analysis and flood damage estimate
PC3	K. Kříž	Waste water system
PC4	M. Zukal	Spillway design
PC5	P. Nowak	Hydropower
PC6	M. Zukal	Excursion - Water Management Experimental Centre, FCE CTU

Environmental Engineering

Lectures

E01	M. Šanda	Soil and water, soil contamination and remediation
E02	T. Dostál	Environmental engineering introduction - Social, Political, Economical and Environmental aspects, Sustainable development
E03	V. David	Ameliorative works, irrigation, drainage, small and special water reservoirs
E04	M. Sobotková	Water as a part of ecosystem
E05	M. Sobotková	Water retention processes in the landscape - landscape planning
E06	M. Sobotková	Landscape reclamation and rehabilitation
E07	D. Zumr	Environmental Impact Assessment, GIS in env. engineering

Notes - FACULTY OF CIVIL ENGINEERING CTU 2023/2024 ACADEMIC YEAR SCHEDULE:

25. 9. – 22. 12. 2023	Instruction in the winter semester
25. 12. 2023 – 7. 1. 2024	Winter holidays
8. 1. – 16. 2. 2024	Examination session
8. 1. – 9. 2. 2024	Examination session for Erasmus Programme foreign students leaving after the winter semester