

COURSE SYLLABUS AND COURSE REQUIREMENTS

ACADEMIC YEAR 2022-2023 SEMESTER SPRING

Course title

Course Code	MSB431ANEP
Hours/Week: le/pr/lab	0/0/1
Credits	1
Degree Programme	Civil Engineering BSc.
Study Mode (training schedule)	Full-time schedule
Requirements	mid-term grade
Teaching Period	Semester 4
Prerequisites	Hydrology and Engineering Fluid Mechanics 3.
Department	Civil Engineering Department
Course Director	Dr. Judit PÁL-SCHREINER
Teaching Staff	Dr. Judit PÁL-SCHREINER and Zsolt BONNYAI

COURSE DESCRIPTION

The course offers practice in the hydrology field with a focus on surface flow-systems. The students are introduced to the hydrology fieldwork, data acquisition, processing, and interpretation. Measuring and calculating the amount of runoff/flowrate (Q) in a natural (open) channel.

1. GOALS AND OBJECTIVES

Obtaining basic knowledge of survey and measurement tasks of hydrology and hydraulics.

2. COURSE CONTENT

TOPICS

LABORATORY PRACTICE

The course offers practice in the hydrology field with a focus on surface flow-systems. The students are introduced to the hydrology fieldwork, data acquisition, processing, and interpretation. Measuring and calculating the amount of runoff/flowrate (Q) in a natural (open) channel.

DETAILED SYLLABUS AND COURSE SCHEDULE

LABORATORY PRACTICE

week	Topic	Compulsory reading; page number (from ... to ...)	Required tasks (assignments, tests, etc.)	Completion date, due date
1.	Hydraulics Lab	Test report 1		2 nd day
2.	Hydrology Field			
3.	Hydrology Field	Test report 2		31 May 2023

3. ASSESSMENT AND EVALUATION

ATTENDANCE

In accordance with the Code of Studies and Examinations of the University of Pécs, Article 45 (2) and Annex 9. (Article 3) a student may be refused a grade or qualification in the given full-time course if the number of class absences exceeds 30% of the contact hours stipulated in the course description. Online attendance is not available.

To be in class at the beginning time and stay until the scheduled end of the lesson is required, a delay of more than 20 minutes will be counted as an absence. In the case of an illness or family emergency, the student must present a valid excuse, such as a doctor's note.

Method for monitoring attendance

Attendance will be monitored by attendance lists. All relevant university regulations apply.

ASSESSMENT

Course resulting in mid-term grade (PTE TVSz 40§(3))

Mid-term assessments, performance evaluation and their weighting as a pre-requisite for taking the final exam

Type	Assessment	Weighting as a proportion of the pre-requisite for taking the exam
Test report 1	40%	40%
Test report 2	40%	40%
Active participation in laboratory exercises	20%	20%

Requirements for the end-of-semester signature

Test reports must score 16%-16% or beyond and active participation in laboratory exercises must score 8% or beyond.

Re-takes for the end-of-semester signature (PTE TVSz 50§(2))

Due to the nature of this practice re-taking it is not possible!

Calculation of the grade (TVSz 47§ (3))

Calculation of the final grade based on aggregate performance in percentage.

Course grade	Performance in %
excellent (5)	85 % ...
good (4)	70 % ... 85 %
satisfactory (3)	55 % ... 70 %
pass (2)	40 % ... 55 %
fail (1)	below 40 %

The lower limit given at each grade belongs to that grade.

4. SPECIFIED LITERATURE

COMPULSORY READING AND AVAILABILITY

[1.] Electric material in TEAMS

[2.] Shaw: Hydrology in Practice ISBN 0 7487 4448 7

RECOMMENDED LITERATURE AND AVAILABILITY

[3.] Every Drop Counts-Environmentally Sound Technologies for Urban and Domestic

Water Use Efficiency URL://www.unep.or.jp/