

COURSE SYLLABUS AND COURSE REQUIREMENTS

ACADEMIC YEAR 2024-2024 SEMESTER I.

<i>Course title</i>	<i>Road and Railway Field Practice</i>
<i>Course Code</i>	<i>MSB234ANEP</i>
<i>Hours/Week: le/pr/lab</i>	<i>0/1/0</i>
<i>Credits</i>	<i>1</i>
<i>Degree Programme</i>	<i>Civil engineering BSc</i>
<i>Study Mode (TVSZ-ben training schedule)</i>	<i>full time</i>
<i>Requirements</i>	<i>mid-term mark</i>
<i>Teaching Period</i>	<i>autumn</i>
<i>Prerequisites</i>	<i>-</i>
<i>Department(s)</i>	<i>Civil Engineering</i>
<i>Course Director</i>	
<i>Teaching Staff</i>	<i>Balázs Eller</i>
<i>Hours/Week: le/pr/lab</i>	<i>0/1/0</i>

COURSE DESCRIPTION

A short description of the course (max. 10 sentences).

Neptun: *Instruction/Subjects/Subject Details/Basic data/Subject description*

Status assessment of transport facilities (roads, railways), basic planning maps, preparation of registration plans, diagnostic and maintenance-operation measurements, and evaluation, processing and documentation of these measurement data: protocol, site plan, profile, cross sections, etc.

SYLLABUS

Neptun: *Instruction/Subjects/Subject Details/Syllabus*

1. GOALS AND OBJECTIVES

Goals, student learning outcome.

Neptun: *Instruction/Subjects/Subject Details/Syllabus/Goal of Instruction*

Obtaining basic knowledge of survey and measurement tasks of transport facilities (road, railway)

2. COURSE CONTENT

Neptun: *Instruction/Subjects/Subject Details/Syllabus/Subject content*

TOPICS

LECTURE	
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PRACTICE	<ol style="list-style-type: none"> 1. Description of the location of the measurement practice, accessibility, occupational safety education, description of measurement tasks and performance requirements 2. Description of measurement methods 3. Description of processing and documentation 4. On-site works of measurement practice 5. On-site works of measurement practice / Data processing, documentation consultation (optional) 6. Data processing, documentation consultation (optional) 7. Data processing, documentation consultation (optional)

DETAILED SYLLABUS AND COURSE SCHEDULE

ACADEMIC HOLIDAYS INCLUDED

PRACTICE, LABORATORY PRACTICE

week	Topic	Compulsory reading; page number (from ... to ...)	Required tasks (assignments, tests, etc.)	Completion date, due date
1.				
2.	Description of the location of the measurement practice, accessibility, occupational safety education, description of measurement tasks and performance requirements			
3.	Description of measurement methods			
4.	Description of processing and documentation			
5.	On-site works of measurement practice			
6.	On-site works of measurement practice / Data processing, documentation consultation (optional)			
7.	<i>Data processing, documentation consultation (optional)</i>			
8.	<i>Data processing, documentation consultation (optional)</i>			
9.	Autumn break			
11.	<i>Data processing, documentation consultation (optional)</i>			
12.	<i>Data processing, documentation consultation (optional)</i>			
13.	<i>Data processing, documentation consultation (optional)</i>			
14.	<i>Data processing, documentation consultation (optional)</i>			HW1-2-3

3. ASSESSMENT AND EVALUATION

(Neptun: Instruction/Subjects/Subject Details/Syllabus/Examination and Evaluation System)

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.

Method for monitoring attendance (e.g.: attendance sheet / online test/ register, etc.)

Attendance sheet.

ASSESSMENT

Cells of the appropriate type of requirement is to be filled out (course-units resulting in mid-term grade or examination). Cells of the other type can be deleted.

Course-unit with final examination

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

(The samples in the table to be deleted.)

Type	Assessment	Weighting as a proportion of the pre-requisite for taking the exam
1. Home assignment (project documentation)	max. 10 points	33 %
2. Home assignment (project documentation)	max. 10 points	33 %

3. Home assignment (project documentation)	max. 10 points	34 %
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Requirements for the end-of-semester signature

(Eg.: mid-term assessment of 40%)

The course is successful if the on-site measurement has been completed and the data processing is completed with the standard content. The quality of the on-site measurement is assessed on the basis of the measurement protocol.

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

The specific regulations for grade betterment and re-take must be read and applied according to the general Code of Studies and Examinations. E.g.: all the tests and the records to be submitted can be repeated/improved each at least once every semester, and the tests and home assignments can be repeated/improved at least once in the first two weeks of the examination period.

All the assignments can be fixed once.

Type of examination (written, oral): -

The exam is successful if the result is minimum 40 %. (The minimum cannot exceed 40%.)

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

The mid-term performance accounts for - % , the performance at the exam accounts for - % in the calculation of the final grade.

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

In order of relevance. (In Neptun ES: Instruction/Subject/Subject details/Syllabus/Literature)

COMPULSORY READING AND AVAILABILITY

[1.] Lecture notes (can be found in TEAMS)

RECOMMENDED LITERATURE AND AVAILABILITY

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