Logistics planning softwares

1. Subject name	Logistics planning softwares				
2. Subject name in Hungarian	Szoftverek a logisztikai tervezésben				
3. Code	**BMEKOALM336**	4. Evaluation type	**mid-term grade**	5. Credits	**3**
6. Weekly contact hours	**0 (0) Lecture**	**0 (0) Practice**	**2 (7) Lab**		
7. Curriculum	**Logistics Engineering MSc (L)**	8. Role	**Mandatory (mc) at Logistics Engineering MSc (L)**		
9. Working hours for fulfilling the requirements of the subject					**90**
Contact hours	28	Preparation for seminars	14	Homework	36
Reading written materials	12	Midterm preparation	0	Exam preparation	0
10. Department	**Department of Material Handling and Logistics Systems**				
11. Responsible lecturer	Dr. Tokodi Jenő				
12. Lecturers	Sztrapkovics Balázs				
13. Prerequisites					

14. Description of lectures

15. Description of practices

16. Description of labortory practices

The main groups of softwares which is used in logistics planning. Description of drawing software required for design. Presentation of softwares which supporting visualization and representation. Description of data analysis and table based applications. The main elements of logistics designing, and the standard symbols of them. Intorducing some project management supporting softwares. Practice the application of the described softwares through lesson exercises and the homeworks. The course is held in computer lab sessions.

17. Learning outcomes

A. Knowledge

- User level knowledge of process mapping softwares.
- User level knowledge of data analysis softwares.
- User level knowledge of designing softwares.

B. Skills

- Knowledge of softwares required for logistics engineering work.

C. Attitudes

- Strive to maximize their abilities to make their studies at the highest possible level, with a profound and independent knowledge, accurate and error-free, in compliance with the rules of the applicable tools, in collaboration with the instructors.

D. Autonomy and Responsibility

- Take responsibility for the quality of the work and the ethical standards that set an example for the classmates, using the knowledge acquired during the course.

18. Requirements, way to determine a grade (obtain a signature)

Successful delivery of the two home assignments is required to complete the subject. The two home assignments (50-50%) are included in the final grade.

19. Opportunity for repeat/retake and delayed completion

Both homeworks can be replaced once by the specified deadline.

20. Learning materials

Students can download the subject notes in pdf format via Moodle.

Effective date	10 October 2019	This Subject Datasheet is valid for	2024/2025 semester I