

Faculty of Transportation Engineering and Vehicle Engineer

Subject name Logistics planning softwares

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| 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 req | uirements of the su | ubject | | 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 | | | | | | |
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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. <u>Presentation</u> 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 | Inactive courses |
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