

Tárgytematika / Course Description

Machineries of Logistics

AJNM_LSTA002

Tárgyfelelős neve /**Teacher's name:** dr. Bódis Tamás**Félév / Semester:** 2022/23/2**Beszámolási forma /****Assesment:** Folyamatos számonkérés**Tárgy heti óraszám /****Teaching hours(week):** 2/1/0**Tárgy féléves óraszám /****Teaching hours(sem.):** 0/0/0

OKTATÁS CÉLJA / AIM OF THE COURSE

The students will get to know the basic definitions and goals about material handling, warehousing, different equipment and infrastructure. They will learn about storage systems in warehouses and storage solutions in manufacturing. We will introduce the several material handling equipment, like forklifts, cranes and conveyors. The taught packaging solutions will connect the warehousing and manufacturing systems with the transportation systems.

In frame of the seminars, the students will get practical experiences via industrial case studies.

TANTÁRGY TARTALMA / DESCRIPTION

Lecture topics:

1. Aim of material handling
2. Warehouse infrastructure
3. Warehouse infrastructure
4. Warehouse infrastructure
5. Material handling in warehouses
6. Material handling in warehouses

7. Material handling in warehouses
8. Manufacturing infrastructure
9. Manufacturing infrastructure
10. Conveyor systems
11. Conveyor systems
12. Packaging solutions
13. Summary and conclusions
14. Exam

Seminar topic:

1. Warehousing case studies
2. Warehousing case studies
3. Warehousing case studies
4. Warehousing case studies
5. Material handling case studies
6. Material handling case studies
7. Material handling case studies
8. Material handling case studies
9. Material handling case studies

- 10. Manufacturing case studies
 - 11. Manufacturing case studies
 - 12. Manufacturing case studies
 - 13. Manufacturing case studies
 - 14. Exam
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SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESSMENT'S METHOD

Continuous

The students will get marks based on the mid-term exams.

KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

Presentations and discussed videos