Óbuda University Bánki Donát Faculty of Mechanical and Safety Engineering	Insitute of Mechatronics and Vehicle Engineering

Subject title and code: *Basic of Logistics, BMELME6BNF* **Credits:** *4*

Full-time study 24/25 *ac.* 2 *semester*
year

The course is available at: mechatronical engineering

Supervised by: Ildiko Molnar Ph.D	**Instructors:** Ildiko Molnar Ph.D

Prerequisite (neptun code):

Weekly number of lessons

Lecture: e-learning	Group seminar: 2	Lab:	Consultation:

Way of assessment: Midterm mark (Oral)

Online consultation *(in case it's required): ... (BBB link)*

Edu. goal: The objective is to create a logistic approach in students. Students learn the definition of logistics and the logistics approach. They deal with the weak points of corporate logistics and the aspects of selecting material handling systems. Various procurement tasks are also solved. They become familiar with the properties of material handling systems serving production types.

Schedule

Education week	**Topics**
1.	The definition and key elements of logistics, logistic approach. The funtions of macrologistics (national management) and micrologistics (corporate)
2.	Exercises
3.	Customer needs supported by logistics. Strategic goals of corporate logistics. Weak points and tasks of corporate logistics. The principles of choosing handling systems.
4.	Exercises
5.	The features of handling systems related to different production types. The characterictics of handling systems related to the traditional production. Handling systems of the integrated production system
6.	Exercises
7.	Target functions during handling processes. Logistics systems related to production, modernization of existing systems and development targets
8.	Exercises
9.	Planing processes. Graphic methods used during planning and documentation processes. Basic terms of warehouse technology, basic terms of packaging and identification of goods.
10.	Exercises
11.	Case studies
12.	Student Presentations
13.	Student Presentations
14.	

Mid-semester requirements

Test		Assignment to be submitted		Lab measurement	
amount	dates	amount	deadlines	amount	dates
		1	12-13 week		

According to the HKR attendance of group seminars and lab exercises are mandatory.

Other requirements for participation in sessions not covered by the regulations and restrictions on substitutions:

Test		Assignment to be submitted		Lab measurement	
maximum points available	minimum score required to pass /test	maximum points available	minimum score required to pass / assignment	maximum points available	minimum score required to pass /lab

…points	…points	…points	…points	…points	…points

Total number of points achievable in semester: …points				
Grading thresholds	**satisfactory** … choose	**average** … choose	**good** … choose	**excellent** … choose
Other evaluation criteria:				
Receive a signature denied entry: who does not make a presentation				
Required references: A Practical Guide to Logistics, Jerry Rudd, eBook 2000 Moodle presentations				
Recommended references:				
Quality assurance methods of the subject:				

Things, that are not included, can be found within the regulations of Óbuda University.