

FUNDAMENTALS OF LOGISTICS

Title of Study Programme and Code		Type (compulsory/optional)	Cycle	Year of study when the component is delivered (if applicable)
Transport Business 6531LX074		Compulsory	1 st	3 rd year
Semester/trimester when the component is delivered		Number of ECTS credits allocated	Language of instruction	Mode of delivery (face-to-face/e-learning/...)
5 th		5 ECTS	English	
Learning outcomes			Study methods	Assessment methods
After completion of the study subject, a student should be able:			Lectures; Group work; Interpretation of concepts; Analysis of the solution; Solution of the individual tasks; Simulation.	Written exam; Test; Defense of the individual homework.
LO 1	To explain the significance of the logistics in business system.			
LO 2	To apply practically of EU directives and LR legislation, that regulates logistics and transport companies organization.			
LO 3	To assess available resources and manage the flow of it.			
LO 4	To apply the material flow management information systems.			
LO 5	To plan the logistics customer service.			
LO 6	To analyze the factors that affect transportation costs and prices.			
LO 7	To evaluate the efficiency of logistics company.			
LO 8	To evaluation of international logistics service system.			
Prerequisites (these courses must be successfully completed prior to taking this particular course)				
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Course content				
<ol style="list-style-type: none"> 1. Logistics development. Logistics terms. Logistics aims and objectives. Logistics cooperation organization. 2. Logistics activity kinds. Logistics product. 3. Logistics in a supply chain. Logistical customer service. 4. Objectives and functions of inbound logistics. Sales planning. Selection of a supplier and type of supply organization. 5. Management of materials flows. 6. Order management and information provision. 7. Production logistics principles and content. Goods distribution logistics. Identification of goods distribution channels. 				

8. Goods storage classification and indices of storage quantity.
9. Transportation significance and place in the logistics system.
10. Description of transportation services.
11. Freight forwarder significance for the transportation process.
12. Storage significance and types of warehouses. Warehouses functions and activity organization.
13. International logistics types and distribution of costs.
14. Customs office functions, customs procedures.

Recommended or required reading and other learning resources/tools

1. Donald Waters, Stephen Rinsler (2014). Global Logistics: New Directions in Supply Chain Management. Printed by CPI Group (UK) LTD, Croydon CRD 4YY: <https://books.google.lt/books?isbn=0749471344>
2. Harrison, A.; Hoek, R. (2005). Logistics Management and Strategy. Pearson Education: England: <http://197.14.51.10:81/pmb/CHIMIE/Logistics%20Management%20and%20Strategy%20Competing%20Through%20the%20Supply%20Chain.pdf>
3. [Logistics Glossary: http://www.logisticsglossary.com/](http://www.logisticsglossary.com/)
4. Freight forwarding and logistics firms association: <http://www.fiata.com>