

Title of the Course		SUPPLY CHAIN MANAGEMENT	
Amount in credit points/ECTS)	2/3	Volume (in hours)	80
Prior knowledge	Basics of Logistics		
Science Sector	-		
Science Subsector	-		
Summary of academic hours		Amount (academic hours)	
Distance learning		40	
Contact hours / video lessons		8	
Exercises, self – assessment questions and tests		14	
Individual work/ discussions in distance		16	
Exams/tests		2	
1 <sup>st</sup> level professional study programme	Business Logistics		
Author(s) of the course	Mg.oec. Aleksandrs Kotļars		
Lecturer(s) of the course	Mg oec. Aleksandrs Kotļars		
Goal of the course:	To provide knowledge about global tendencies in logistics. Students are provided with the information on the planning of demand and essence of service.		
Requirements for obtaining credit points (structure of course evaluation):	<u>The final evaluation is calculated:</u> Moodle discussion/tasks – 50% Test – 50% <i>For obtaining final evaluation, both activities should hold successful evaluation – not below 4 points.</i> <i>Final evaluation is the average grade in 10-point system, in proportion of percentage distributed amongst both activities</i>		
Study Results			
1. <i>Knowledge:</i> 1.1. A student names and describes global tendencies in logistics, current events in the sector and requirements for service providers; 1.2. A student names and differentiates the methods of planning demand; 1.3. A student describes the essence of service, basic elements and improvement possibilities. 2. <i>Skills:</i> 2.1. A student calculates and defines the most appropriate location for distribution centre; 2.2. A student demonstrates cooperation skills with the partners in logistics chain. 3. <i>Competences:</i> 3.1. A student develops the basic elements of product supply chain, united them in one process; 3.2. A student defines the weak point in supply chain and makes suggestions for their improvement.			
Content of the Course			

No.	Subjects	Contact hours, video, audio lessons	Distance learning	Exercises, self- assessment questions and tests	Individual task – remote discussion. Description of the individual task is available in the E-studies	Exam
1.	Current issues of global logistics and trends nowadays.	8	5	1	2	2
2.	Types and characteristics of supply chains.		5	1	2	
3.	The role of global and brokerage logistics.		5	2	2	
4.	Types of modern transport services, regulation and integration in combined deliveries.		5	2	2	
5.	Cargo flow planning and development of delivery concept.		5	2	2	
6.	Demand planning and volume forecasting.		5	2	2	
7.	The role of warehouses and distribution centers in securing supplies.		5	3	2	
8.	The most important internal processes of warehouses and distribution centers.		5	1	2	
<b>TOTAL:</b>		8	40	14	16	2
<b>80</b>						

**Mastering the course and successfully passing examination, student is capable of** (*knowledge, skills and competencies*)

Study Results:	Evaluation Criteria		
	(40-69%)	(70-89%)	(90-100%)
<b>Knowledge</b>	Understand the main global tendencies in logistics	Understand the main global tendencies in logistics, as well as define the principles for selecting cooperation partners	Comprehensively manages cooperation principles with partners, different methods for selecting and

			assessing partners
<b>Skills</b>	Define the principles of distribution centre location and partner selection	Apply methods for locating distribution centres and partner selection	Compare and analyse different methods for locating distribution centres, selection process coordination and partner assessment
<b>Competences</b>	Describe product supply chains	Describe product supply chains, as well as provide commentaries for improvement	Make suggestions for supply chain improvement and justify it with calculations
<b>Acknowledgement of the obtained study results</b>			
<b>Study Results</b>	<b>1.</b>	<b>2.</b>	<b>3.</b>
<b>Evaluation Method</b>			
Moodle discussions/tasks	X	X	X
Test	X	X	X

**Core Literature**

1. Ghiani G., Laporte G., Musmanno R. Introduction to Logistics Systems Management, 2013
2. Sprancmanis N. "Biznesa Loģistika", Vaidelote,
3. Birzietis, G. (2008). Transporta vadība un loģistika. Mācību līdzeklis. Jelgava: LLU.
4. Normunds Krūmiņš. Rokasgrāmata loģistikas sistēmu vadīšanai, Petrovskis&Ko, 2004
5. Praude V., Beļčikovs J. "Loģistika", Vaidelote, 2003

**Additional Literature**

1. Michael H. Hugos. "Essentials of Supply Chain Management", 2nd Edition Wiley; 2<sup>nd</sup> edition, 2006
2. Ennio Cascetta. Transportation systems analysis, models and applications, Sprigler 2009
3. Martin C. "Logistics and supply chain management", Granfield School of Management, 1998
4. Transport Intellegence - <https://www.ti-insight.com/>
5. Logistics business - <https://www.logisticsbusiness.com/>
6. Logistics manager magazine - <https://www.logisticsmanager.com/>
7. World road transport organization - <https://www.iru.org/>