

Teacher					
Course	Logistic Outsourcing				
Module	Compulsory course	ECTS	3	Course code	23SM.P.L.A.20

Major	Speciality	Academic year
Logistics	Industrial systems engineering	2023/2024
Semester	Third	Year of studies
		Second

Type of studies	Full-time				Extramural			
Type of classes	Lecture	Exercise	Laboratories	Project	Lecture	Exercise	Laboratories	Project
Amount of hours	16	12						
TOTAL	28							

Course objectives	<p>The main objective of the course is to highlight how important is to outsource the processes to make the logistic process more efficient. In general anyone having goods moved from their place of origin to their new place is considered to be first party logistics provider. Students during the course are going to analyse different outsourcing models to improve them based on the chosen company. Individual projects are required to pass the subject, has to contain the model analysis, business examples and improvement of the process</p>
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Minimum knowledge required from the student before the classes beginning
Foundation of computer science, basic knowledge about logistic, understanding of the business relations in logistics

Recommended literature to study before the classes beginning
Not required

LEARNING OUTCOMES			KEK	METHODS OF ASSESSMENT	
KNOWLEDGE	K01	Understand what is outsourcing in general and why business use it	K2_W01_L_P	EM4	Written examination with open questions
	K02	Understand Outsourcing methods 1PL, 2PL, 3PL	K2_W03_L_P	EM4	Written examination with open questions
	K03	Better understanding of the logistic flow in business example	K2_W06_L_P	EM16	Evaluation of the work, cooperation of students in the classroom (verification of the acquired social competences)
	K04	Understand of advantages from work in the group and cooperation	K2_W06_L_P	EM16	Evaluation of the work, cooperation of students in the classroom (verification of the acquired social competences)
	K05	Understands the role of SLA within outsourcing environment	K2_W06_L_P	EM16	Evaluation of the work, cooperation of students in the classroom (verification of the acquired social competences)
SKILLS	S01	The Student is able to provide innovative solutions in the future business life	K2_U14_L_P	EM10	Project evaluation
	S02	Is able to define which outsourcing model will suit the best in the current business situation	K2_U05_L_P	EM10	Project evaluation
	S03	Knows what is the time and money outcome from outsourcing cooperation	K2_U13_L_P	EM10	Project evaluation
	S04	Is able to list the logistic parties and know what is the role of each of them	K2_U01_L_P	EM6	Written examination with open questions
	S05				

SOCIAL COMPETENCE	SC01	Is able to properly set priorities for solving logistic issues	K2_K01_ L_P	EM16	Evaluation of the work, co-operation of students in the classroom (verification of the acquired social competences)
	SC02	Knows how work in team is important to reach the social and business goals	K2_K05_ L_P	EM16	Evaluation of the work, co-operation of students in the classroom (verification of the acquired social competences)
	SC03				
	SC04				

Course contents	Lecture	<ol style="list-style-type: none"> 1. What is Logistic Outsourcing 2. Importance of outsourcing in global business usage 3. Logistic Outsourcing models 1PL, 2PL and 3PL 4. 3PL example on real logistic company 5. Logistic / Outsourcing process parties and their responsibilities 6. 3PL / Third Party Logistic vs other activities 7. Shift in the logistic operations in the internet business environment 8. Evolution of 3PL 9. Project time for Students and assessment
	Exercises	<ol style="list-style-type: none"> 1. Types of logistics operations to outsource (2h) 2. Key Reasons for Logistics Outsourcing (2h) 3. Logistic Outsourcing strategies(2h) 4. E-outsourcing (2h) 5. Top logistics supply chain companies (4h) 6. Barriers to outsourcing logistics services (2h) 7. Advantages of outsourcing logistics (2h)
	Laboratories	
	Projects	

Teaching methods	TM2	Informational e-lecture using multimedia techniques
	TM6	Problem e-lecture using multimedia techniques
	TM10	Case method
	TM15	Laboratories - simulation analysis (computer simulations)
	TM10	Case studies / Simulations

Obligatory literature	1	Rushton A., Croucher P., Baker P., The Handbook of Logistics and Distribution Management, Kogan Page, 2022
	2	Mangan J., Lalwani C., Lalwani C., Global Logistics and Supply Chain Management, Wiley, 2021
	3	Langley C.J., Novack R.A., Gibson B.J., Coyle J.J., Supply Chain Management: A Logistics Perspective, Cengage Learning, 2020

Additional literature	1	Bowersox D.J., Closs D.J., Cooper M.B., Supply Chain Logistics Management, McGraw-Hill Education, 2019
	2	Hugos M.H., Essentials of Supply Chain Management, Wiley, 2018
	3	Sanders N.R., Big Data Driven Supply Chain Management: A Framework for Implementing Analytics and Turning Information into Intelligence, Pearson, 2019

Requirements to pass the course	
Written examination with open questions	