

COURSE GUIDE

Course title	LOGISTICS
Specialization	Management
Form of study	Stationary
Qualification level	Second level
Year	1
Semester	II
Unit running the program	Departament of Logistics
Author	Assoc. Prof. Marta Starostka-Patyk
Profile	General academic
Course type	Primary
Number of ECTS credits	6

TEACHING METHODS – NUMBER OF HOURS PER SEMESTER

LECTURES	CLASSES	LABORATORY	PROJECT	SEMINAR
15 E	30			

COURSE DESCRIPTION

COURSE OBJECTIVE

01. Presentation and discussion of key issues related to logistics elements.
02. Characterization of the issues associated with the management of logistics processes (in enterprises).

INITIAL REQUIREMENT FOR THE KNOWLEDGE, ABILITIES AND OTHER COMPETENCES

1. The student knows the basic concept of logistics.
2. The student knows the basic concept of supply chain management.
3. The student is familiar with management and marketing concepts.
4. The student is able to explain the process of enterprise management.

THE EFFECTS OF LEARNING

EU 1 The student is able to discuss the general analysis of logistics systems.

EU 2 The student knows the elements of logistics in function division and is able to describe them briefly

EU 3 The student knows the elements of logistics in phase division and is able to describe them briefly.

EU 4 The student is able to characterize and discuss the logistics elements in connection with enterprises management.

COURSE CONTENT

Form of teaching - LECTURES 15 hours	Number of hours
L 1 - Evolution of logistics concept.	1
L 2 - Identification of logistics concept.	1
L 3 - The scope of logistics definitions.	1
L 4 - General about logistics in organization.	1
L 5 - The supply chain management concept – SCM theory.	1
L 6 - The supply chain management concept – SCM practice.	1
L 7 - Business strategy and operations in supply chain management.	1
L 8 - The most important concepts implemented in supply chain management on general level.	1
L 9 - Network solutions and bullwhip effect in supply chain.	1
L 10 - Elements of logistics - function division: order service and	1

warehousing.	
L 11 - Elements of logistics - function division: packaging and transportation	1
L 12 - Elements of logistics - phase division: logistics of supply, of production and of distribution	1
L 13 – Elements of logistics – phase division: general aspects of reverse logistics.	1
L 14 - Elements of logistics – phase division: reverse logistics in companies practice, and spare parts.	1
L 15 - Summary of the course content, repetition and exam info.	1
Form of teaching – CLASSES 30 hours	Number of hours
C 1 - Logistics and management, the links between them, and the idea of logistics management.	2
C 2 - The importance of logistics to the economy.	2
C 3 - Logistics customer service.	2
C 4 - Purchasing and procurement.	3
C 5 - Transportation.	2
C 6 - Warehousing.	2
C 7 - Inventory management.	2
C 8 - Operations and materials management.	2
C 9 - Logistics information technology.	3
C 10, C 11 - Logistics financial performance.	3
C 12 - Human resources and logistics.	2
C 13 - Logistics strategy.	2
C 14, C 15 - Reverse and sustainable logistics.	3

TEACHING TOOLS

1. Textbooks and scripts
2. Audio-visual equipment
3. E-learning platform

WAYS OF ASSESSMENT (F – FORMING, P – SUMMARY)

- F1. Presentation of completed tasks (project and case studies solutions).
P1. Written exam test.

STUDENT WORKLOAD

Activity	Average number of hours to complete the activity
1. Contact hours with the teacher	45
2. Exercise preparation	15
3. Preparation for classes	10
4. Preparation for the exam	10
5. Exercises before the test	10
6. Preparation for the test	20
7. Project realization	17
8. Presence on the consultation	20
9. Presence on the test	3
Total	150
TOTAL NUMBER OF ECTS CREDITS FOR THE COURSE	6

BASIC AND SUPPLEMENTARY LITERATURE

Basic literature:

1. Popa V., Starostka-Patyk M., *Supply Chain Management: Fundamental and Support Elements*. Częstochowa: WZ PCz Press, 2013.
2. Jonsson P., *Logistics and Supply Chain Management*. London: McGraw-Hill, 2008.
3. Lambert D.M., Stock J.R., Ellram L.M., *Fundamentals of Logistics Management*. Boston: Irwin McGraw-Hill, 1998.
4. Ballou R.H., *Business Logistics Supply Chain Management: Planning, Organizing and Controlling the Supply Chain*. New Jersey: Prentice Hall, 2004.

Supplementary literature:

1. Skowron-Grabowska B., *Innovation of Logistics Processes*. Ostrava: Vysoka Skola Banska-Technicka, 2014.
2. Starostka-Patyk M., *Logistics of Waste Flows*. Targoviste: Valahia University Press, 2012.

TEACHERS (NAME, SURNAME, ADRES E-MAIL)

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MATRIX OF REALIZATION OF EDUCATION EFFECT

The effect of learning	Reference to the effects of the defined effects for the entire program (PEK)	Course objectives	Course content	Teaching tools	Evaluation method
EU1	K_W01, K_W10, K_U10, K_K02	C1, C2	L1, L2, L3, L4, C1 – C15	1, 2, 3	F1
EU2	K_W01, K_W10, K_U10, K_K02	C1, C2	L10, L11, C4 – C8	1, 2, 3	P1
EU3	K_W01, K_W10, K_U10, K_K02	C1, C2	L12, L13, L14, C1, C2, C3, C9 – C15	1, 2, 3	P1
EU4	K_W01, K_W10, K_U10, K_K02	C1, C2	L1 – L14, C1 – C15	1, 2, 3	F1

11.EVALUATION FORM - DETAILS

	For a grade of 2	For a grade of 3	For a grade of 4	For a grade of 5
EU1	Student is not able to point out or discuss the general analysis of logistics systems elements. The student is able to discuss the overall analysis of logistics systems.	Student is able to point out the general logistics systems elements.	Student is able to point out and discuss the general logistics systems elements. He knows how to recognize them.	Student is able to point out and discuss the general logistics systems elements. He knows how to recognize them. He is able to give the examples and to solve the problems related to these elements.
EU2	Student does not know the	Student can point out the elements	Student can point out the elements	Student can point out the elements

	elements of logistics in function division and is unable to describe them briefly.	of logistics in function division but is unable to describe them briefly.	of logistics in function division and is able to describe them briefly.	of logistics in function division and is able to describe them briefly. He knows how to recognize them. He is able to give the examples and to solve the problems related to these elements.
EU3	Student does not know the elements of logistics in phase division and is unable to describe them briefly.	Student can point out the elements of logistics in phase division but is unable to describe them briefly.	Student can point out the elements of logistics in phase division and is able to describe them briefly.	Student can point out the elements of logistics in phase division and is able to describe them briefly. He knows how to recognize them. He is able to give the examples and to solve the problems related to these elements.
EU4	Student is not able to describe and discuss the logistics elements in connection with enterprises management.	Student is able to point out the logistics elements in connection with enterprises management but is unable to describe and discuss them.	Student is able to point out the logistics elements in connection with enterprises management and to describe them but is unable to discuss them.	Student is able to point out the logistics elements in connection with enterprises management. He is able to describe and discuss them. He knows how to recognize them. He is able to give the examples and to solve the problems related to these elements.

OTHER USEFUL INFORMATION ABOUT THE SUBJECT

Information where you can get acquainted to the classes, instructions to the lab, etc. - the information presented to students in the class, if required by the formula classes are sent via email to the email addresses of individual groups

Information about the location of scheduled classes - information can be found on the department's website and USOS system

Information about the time and date of scheduled classes - information can be found on the department's website and USOS system

Information for consultation (time + location) - are given to students at the first meeting can be found on the department's website or in the information display case near the Department of Logistics (main building WZ - 2nd floor).