

## SYLLABUS

**Name:** Logistics enterprises management  
**Name in Polish:** Logistyka w przedsiębiorstwie przemysłowym  
**Name in English:** Logistics enterprises management

### Information on course:

**Course offered by department:** Faculty of Organisation and Management  
**Course for department:** Silesian University of Technology  
**Study level and form:** Master's degree, Full-time  
**Term:** summer semester (2), 2021/2022  
**Coordinator of course edition:** Prof. PŚ dr hab. Monika Odlanicka-Poczobutt

### Default type of course examination report:

egz

### Language:

English

### Course homepage:

<https://platforma.polsl.pl/roz/course/view.php?id=401#>

### ECTS

4

### Short description:

The aim of the course is to introduce the main skills of a qualified logistician include inventory management, purchasing, transportation, warehousing, consultation, and the organizing and planning of these activities. Logisticians combine a professional knowledge of each of these functions to coordinate resources in an organization.

### Description:

Lecture 1 Introduction to Logistics Business Management - basic definitions	
Lecture 2 Logistic system	Exercise 1 Designing an enterprise logistics system
Lecture 3 Logistics activities and fields. Procurement Logistics Management - Selection of suppliers	Exercise 2 Evaluation of suppliers
Lecture 4 Warehousing	Exercise 3 Warehouse building project
Lecture 5 The location matrix	Exercise 4 Determining the location codes
Lecture 6 Packaging in Logistics Enterprises Management	Exercise 5 Packaging design
Lecture 7 Inventory management	Exercise 6 ABC/XYZ analysis

### Bibliography:

1. Coyle J.J. i inni: Zarządzanie logistyczne. Wydawnictwo PWE, Warszawa, 2002.
2. Ciesielski M. (red): Sieci logistyczne, Wyd. AE w Poznaniu, Poznań, 2002.
3. Odlanicka-Poczobutt M., Knop L., Rozwój i funkcjonowanie sieci w świetle podejścia endogenicznego, Zesz. Nauk. Politechniki Śląskiej, Org. Zarz. 2016 z. 89, s. 367-377.
4. Odlanicka-Poczobutt M., Prakseologia a klasyczne kryteria oceny sprawności systemów logistycznych. Zeszyty Naukowe Politechniki Śląskiej, Seria: Organizacja i Zarządzanie 2014 z. 70, s. 339-355.
5. Hess, Earl J. Civil War Logistics: A Study of Military Transportation (2017)
6. Handfield, R.B., Straube, F., Pfohl, H.C. & Wieland, A., Trends and Strategies in Logistics and Supply Chain Management: Embracing Global Logistics Complexity to Drive Market Advantage, BVL 2013
7. Ronald H. Ballou, Samir K. Srivastava, Business Logistics: Supply Chain Management, Pearson Education, 2007
8. Donald Bowersox, David Closs, M. Bixby Cooper, Supply Chain Logistics Management, McGraw-Hill 2012
9. M. Christopher: Logistics & Supply Chain Management: creating value-adding networks, Prentice Hall 2010.
10. J. V. Jones: Integrated Logistics Support Handbook, McGraw-Hill Logistics Series 2006
11. B. S. Blanchard: Logistics Engineering and Management, Pearson Prentice Hall 2004
12. R.G. Poluha: The Quintessence of Supply Chain Management: What You Really Need to Know to Manage Your Processes in Procurement, Manufacturing, Warehousing and Logistics (Quintessence Series). First Edition. Springer Heidelberg New York Dordrecht London 2016.

### Learning outcomes:

E1 At an in-depth level - selected facts, objects and phenomena, as well as methods, theories and conditions explaining the complex relationships between them and constituting advanced general knowledge in the field of mechanical engineering in connection with other fields. K2A\_W01  
E2 Basic processes taking place in the life cycle of technical devices, facilities and systems. Selected issues the field of advanced detailed knowledge typical of the field of study of management and production engineering. K2A\_W03 K2A\_W10  
E3 Use the acquired knowledge - formulate and solve complex and unusual problems and innovatively perform tasks in unpredictable conditions by:  
- proper selection of sources and information derived from them; evaluation of the information, its critical analysis, synthesis, creative interpretation and presentation,  
- selection and use of adequate methods and tools, including advanced ICT techniques,  
- adapting existing or developing new methods and tools. K2A\_U01  
E4 When identifying and formulating specifications for engineering tasks and solving them: use analytical, simulation and experimental methods, see their systemic and non-technical aspects, including ethical issues, make a preliminary economic assessment of proposed solutions and undertaken engineering activities. Lead the work of a team, interact with others as part of teamwork and take the role of the team leader. K2A\_U03 K2A\_U14  
E5 Critical evaluation of the acquired knowledge and received content. K2A\_K01

### Assessment methods and assessment criteria:

Lecture - writing a test on the subject based on lecture materials - 50%;
Laboratory- realization of exercises in groups of 2 persons for a fictitious company (with an established business profile) - 25%;
Project - preparation of a presentation of Logistics Enterprises Management on the example of selected company - 25% (an example may come from the internet, but it must be labeled with own commentary).
<b>Practical placement:</b>
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