

SYLLABUS

Name:	Management and logistics in production enterprise
Name in Polish:	Zarządzanie i logistyka w przedsiębiorstwie przemysłowym
Name in English:	Management and logistics in production enterprise

Information on course:

Course offered by department:	Faculty of Organisation and Management
Course for department:	Silesian University of Technology
Study level and form:	Bachelor's degree, Full-time
Term:	winter semester (3) 2024/2025
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#>

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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 Theories and general methodology of research in management and quality sciences as well as the nature, place and importance of social sciences in engineering and managerial activities specific to the management and organization of sociotechnical systems.	K1A _W2
E2 Basic principles of creating and developing various forms of entrepreneurship.	K1A _W4

E3 Identify, analyze and interpret social and economic phenomena and processes using knowledge in the field of social sciences and standard methods and tools of management and quality sciences in engineering management activities aimed at shaping the efficiency, productivity and organization of production enterprises. K1A _U2

E4 Fulfilling social obligations, co-organizing activities for the social environment, initiating activities for the public interest, thinking and acting in an entrepreneurial manner. K1A _K2

Assessment methods and assessment criteria:

Credit conditions:

}Lecture - writing a test on the subject based on lecture materials - 50%;

}Exercises- 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).

Practical placement:

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