



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Supply chain management

Course

Field of study

Logistic

Area of study (specialization)

Logistics systems

Level of study

Second-cycle studies

Form of study

full-time

Year/Semester

2/3

Profile of study

general academic

Course offered in

english

Requirements

compulsory

Number of hours

Lecture

30

Tutorials

Laboratory classes

Projects/seminars

30

Other (e.g. online)

Number of credit points

5

Lecturers

Responsible for the course/lecturer:

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60-965 Poznań

Responsible for the course/lecturer:



Prerequisites

The student starting this subject should have a basic knowledge of logistics & supply chain management. He should also be able to obtain information from specified sources and be willing to cooperate as part of a team.

Course objective

Mastering the student's knowledge, skills and social competences related to supply chain management

Course-related learning outcomes

Knowledge

1. dependencies in the given area and their relations with logistics [P7S_WG_01]
2. issues in the field of production engineering and its connections with the field of logistics [P7S_WG_02]
3. extended concepts for logistics and its detailed problems and supply chain management [P7S_WG_05]
4. detailed methods, tools and techniques characteristic for studied subject on the course of logistics [P7S_WK_01]

Skills

1. collect on the basis of the literature of the subject and other sources (in Polish and English) and in an orderly manner, provide information on the problem within the framework of logistics and its specific issues and supply chain management [P7S_UW_01]
2. design, using appropriate methods and techniques, the object, system or logistic process and the process associated with it including defining the path of its implementation and potential threats or limitations in analyzed domain [P7S_UW_05]
3. design, using appropriately selected means, an experiment, a process of analysis or a scientific study solving a problem within the framework of logistics and its specific issues as well as supply chain management [P7S_UK_01]
4. identify changes in requirements, standards, regulations, technical progress and the reality of the labor market, and on their basis determine the need to supplement own and other knowledge [P7S_UU_01]

Social competences

1. responsibility for own work and readiness to comply with the rules of working in a team and taking responsibility for the tasks carried out jointly [P7S_KR_01]

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:
assessment based on a team-developed project,



grade based on written credit (exam)

Programme content

Lecture: Supply chain as a logistics system. Supply chain models. Choosing a supply chain strategy. Strategic analysis. Krajlic, Cox, Saunders models. Olsen and Ellram model, chain. Supply chain configuration: Supply chain configuration theories. Supply chain dimensions. Physical system management: identification of available alternatives, data collection and use, selection of methods and techniques for analyzing alternatives, selection of criteria for assessing alternatives, analysis of results.

Project: In the design class, students design the supply chain specified by the lecturer.

Teaching methods

1. Lecture: multimedia presentation, illustrated with examples on the board.
2. Projects: multimedia presentation illustrated with examples given on the board and performance of tasks given by the teacher.

Bibliography

Basic

1. Fertsch M., Projektowanie łańcuchów dostaw., Wydawnictwo Politechniki Poznańskiej, Poznań, 2012
2. Kisperska – Moroń D. (red.), Pomiar funkcjonowania łańcucha dostaw, Prace Naukowe Akademii Ekonomicznej Imienia Karola Adamieckiego w Katowicach, Katowice, 2006.
3. Ciesielski M., Długosz J. (red.), Strategie łańcuchów dostaw, PWE, Warszawa 201
4. Gołębska E., Szymczak M., Informatyzacja w logistyce przedsiębiorstw, Wydawnictwo Naukowe PWN, Warszawa, 1997

Additional

1. Witkowski J., Zarządzanie łańcuchem dostaw, PWE Warszawa 2010
2. Schary P.B., Skjott – Larsen, T., Zarządzanie globalnym łańcuchem podaży, Wydawnictwo Naukowe PWN, Warszawa 20002

Breakdown of average student's workload

	Hours	ECTS
Total workload	125	5,0
Classes requiring direct contact with the teacher	60	2,5
Student's own work (literature studies, preparation for project, preparation for tests/exam, project preparation) ¹	65	2,5

¹ delete or add other activities as appropriate