COURSE DESCRIPTION CARD - SYLLABUS

Course name

Basics of logistics

Course

Field of study

Aviation and cosmonautics

Year/Semester

1/1

Area of study (specialization)

-

Profile of study

general academic

Level of study

First-cycle studies

Course offered in

polish

Form of study

part-time

Requirements

compulsory

Number of hours

Lecture

9

Laboratory classes

0

Other (e.g. online)

0

Tutorials

0

Projects/seminars

0

Number of credit points

2

Lecturers

Responsible for the course/lecturer:

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Wydział Inżynierii Lądowej i Transportu

ul. Piotrowo 3, 60-965 Poznań

Responsible for the course/lecturer:

Second person allowed

Prerequisites

KNOWLEDGE: The student has a basic knowledge of the place of transport in the economy, science and relations with others areas of knowledge, knows and understands the basic methods and practical tools in the field of transport description. The student knows the main tasks of transport in the field of economic functioning and development enterprises and the state. The student is able to use the concepts and methods in the description of problems technical and economic, is able to use the acquired knowledge to analyze specific phenomena and processes occurring in technical and economic systems, can solve specific tasks appearing in technical and economic systems. Aviation and astronautics

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Course objective

The aim of the course is to provide students with information on logistics, options and concepts. Students skills and abilities in the use of logistics within various enterprises industrial and service, in various branches of transport and warehouse management.

Course-related learning outcomes

Knowledge

Student has a detailed and structured knowledge of the use of aeronautical technical facilities in in the field of passenger, goods, and dangerous goods transport, as well as in the field of operations management aviation and airports. Student has the basic knowledge necessary to understand social, economic, legal and other non-technical determinants of engineering activity.

Skills

Student has the ability to formulate tasks in the field of transport engineering and their implementation with the use of at least one of the popular computer tools. Can use the language of mathematics (differential and integral calculus) to describe simple problems engineering can use one additional foreign language in verbal communication at the language level everyday, can describe in this language issues related to the field of study, can prepare technical descriptive and drawing documentation of an engineering and transport task and / or logistic.

Social competences

Student understands the need for lifelong learning; can inspire and organize the learning process other people He is ready to critically assess his knowledge and received content, recognize the importance of knowledge in solving cognitive and practical problems and consulting experts in the case difficulties with solving the problem on their own. Student is able to cooperate and work in a group, assuming different roles in it can think and act in an entrepreneurial way. Studnet is able to properly define priorities for the implementation of a task set by himself or others.

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Written exam, final test

Programme content

TGeneral definitions of logistics, tasks of logistics, an outline of the history of logistics, stages of logistics development, logistics customer service and its main elements, measures and standards of customer service based on the selected ones market segments, replenishment cycle, basic replenishment methods, method ABC / XYZ classification of inventories based on selected market segments, components of full costs logistics, comparison of logistics costs in different modes of transport, basics demand forecasting,

Teaching methods

Informative (conventional) lecture (systematic communication of information) - may have course (introductory) or monographic (specialist) character

Seminar lecture ("external dialogue" between the lecturer and the student; students participate in solving the problem)

Bibliography

Basic

1. Beier F.J., Rutkowski K.: Logistyka. SGH, Warszawa 1993.

2. Coyle J., Bardi E., Langley C.: Zarządanie Logistyczne. PWE, Warszawa 2007.

3. Praca zbiorowa: Podstawy logistyki. Biblioteka Logistyka, Poznań 2008.

4. Rydzkowski W., Wojewódzka-Król K. (red.): Transport. PWN, Warszawa 1998.

5. Stajniak M., Hajdul M., Foltyński M., Krupa A.: Transport i spedycja. Biblioteka Logistyka, Poznań 2008.

Additional

1. Krzyżaniak S., Cyplik P.: Zapasy i magazynowanie. Tom I. Zapasy. Biblioteka Logistyka, Poznań 2008.

2. Niemczyk A., Zapasy i magazynowanie. Tom II. Magazynowanie. Biblioteka Logistyka, Poznań 2008.

3. Nyszk W., Współczesna logistyka - wybrane aspekty, Księgarnia Akademicka AON, 2013.

4. Gołembska E., Kompendium wiedzy o logistyce, PWN Warszawa 2017.

5. Galińska B., Gospodarka magazynowa, Difin, 2016..

Breakdown of average student's workload

	Hours	ECTS
Total workload	50	2,0
Classes requiring direct contact with the teacher	25	1,0
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation) [1]	25	1,0

[1] delete or add other activities as appropriate