COURSE DESCRIPTION CARD - SYLLABUS

Course name
E-business

Course

Field of study
Logistics

Year/Semester
1/1

Area of study (specialization)
Logistics Systems

Profile of study
general academic

Level of study
Second-cycle studies

Course offered in
English

Form of study
full-time

Requirements
compulsory

Number of hours

Lecture	Laboratory classes	Other (e.g. online)
15	30	
Tutorials	Projects/seminars	

Number of credit points

4

Lecturers

Responsible for the course/lecturer:
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Faculty of Engineering Management

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Responsible for the course/lecturer:

Prerequisites

Has basic knowledge in computer science, logistics and management sciences

Course objective

Students learn about e-bisuness issues and use them to create an online store

Course-related learning outcomes

Knowledge

1. Knows dependencies related to the area of e-business and their connections with logistics [P7S_WG_01]

2. Knows the areas of e-business applications in the area of logistics and supply chain management [P7S_WG_05]

3. Knows detailed methods, tools and techniques in the field of e-business [P7S_WK_01]

4. Knows the phenomena and contemporary trends of the e-business characteristic of logistics, its specific issues and supply chain management [P7S_WK_03]

5. Knows the best practices in the field of e-business within logistics and its specific issues [P7S_WK_04]

Skills

1. Is able to gather based on the literature on the subject and other sources (in Polish and English) and in an orderly manner present information on the problem in the field of e-business [P7S_UW_01, P7S_UW_02]

2. Is able to apply the right experimental and measurement, information and communication techniques to solve the problem of e-business, including computer simulation and combine interdisciplinary knowledge in the fields used to design logistics systems [P7S_UW_03, P7S_UO_01]

3. Is able to make a critical analysis of technical solutions used in the analyzed logistics system in the area of the e-business [P7S_UW_04]

4. Is able to assess the usefulness and possibility of using new achievements related to the e-business in logistics and functionally related areas [P7S_UW_06]

5. Is able to select, based on the analysis of usefulness and limitations in the area of e-business, the right tools and methods to solve engineering problems specific to the construction or reorganization of a logistics system [P7S_UO_02]

6. Is able to identify changes in requirements, standards, regulations, technical progress and the reality of the labor market in relation to the e-business, and on their basis determine the need to supplement own and other knowledge [P7S_UU_01]

Social competences

1. Recognizes the cause-effect relationships in the e-business in achieving the set goals and grades the importance of alternative or competitive tasks in the field of e-business [P7S_KK_01]

2. Is able to plan and manage creatively business ventures in the area of e-business [P7S_KO_01]

3. Is aware of the responsibility for own work and readiness to comply with the principles of teamwork and taking responsibility for jointly implemented tasks in the field of e-business [P7S_KR_01]

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Lectures: problem tasks to be performed after the lecture (4 tasks of 15 points), final test (40 points); pass mark: 50%

Laboratories: tasks during classes, technical and organizational documentation of an online store, an online store located on any server (1 task - 50 points, 8 tasks - 5 points, 1 task - 10 points); pass mark: 50%

Programme content

As part of the course, an overview of issues in the field of e-business will be presented, with particular emphasis on logistics.

The scope of lectures includes: Internet, electronic economy; Information systems in e-business; Requirements engineering, software engineering in the context of e-business; Cloud solutions; Internet marketing

The scope of the laboratories includes: E-commerce logistics - logistics, legal and business aspects and the creation of an online store

Teaching methods

Lecture - informative lecture, seminar, case study

Laboratories - laboratory method, project method, brainstorming, project method, demonstration method

Bibliography

Basic

1. Szpringer W. (2012). Innowacyjne modele e-biznesu. Difin. Warszawa.

2. Ragin-Skorecka K., Nowak F. (2016). Information Is The Key In Optimization of Transport Processes. Information Systems In Management. Vol. 5, no. 2, p. 227-236

3. Ragin-Skorecka K., Urbaniak J. (2014). Zarządzanie projektami informatycznymi - studium przypadku. w: Trzcieliński S., Zaborowski T. (red.) Licentia poetica zarządzania, III Szkoła Naukowa Zarządzania, monografia. Poznań, s. 59 - 75.

4. Kolbusz E., Olejniczak W., Szyjewski Z. (2005). Inżynieria systemów informatycznych w e-gospodarce. PWE. Warszawa.

Additional

1. Dąbrowska A., Janoś-Kresło M., Wódkowski A. (2009). E-usługi a społeczeństwo informacyjne. Difin. Warszawa.

2. Olszak C.M., Ziemba E. (2007). Strategie i modele gospodarki elektronicznej. PWN. Warszawa.

Breakdown of average student's workload

	Hours	ECTS
Total workload	100	4,0
Classes requiring direct contact with the teacher	45	1,5
Student's own work (literature studies, preparation for laboratory classes, preparation for passing, completing problem tasks, creating an online store and its documentation) [1]	55	2,5

[1] delete or add other activities as appropriate