



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

E-business

### Course

Field of study

Logistics

Area of study (specialization)

Logistics Systems

Level of study

Second-cycle studies

Form of study

full-time

Year/Semester

1/1

Profile of study

general academic

Course offered in

english

Requirements

compulsory

### Number of hours

Lecture

15

Tutorials

Laboratory classes

30

Projects/seminars

Other (e.g. online)

### Number of credit points

4

### Lecturers

Responsible for the course/lecturer:

dr inż. Katarzyna Ragin-Skorecka

e-mail: [katarzyna.ragin-skorecka@put.poznan.pl](mailto:katarzyna.ragin-skorecka@put.poznan.pl)

Wydział Inżynierii Zarządzania

ul. Jacka Rychlewskiego 2

60-965 Poznań

Responsible for the course/lecturer:

### Prerequisites

Has basic knowledge in computer science, logistics and management sciences



## Course objective

Students learn about e-business 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, final test

Laboratories: current class work, technical and organizational documentation of the online store, online store placed on any server

### 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 classes includes:

1. Internet, e-business
2. Information systems in e-business
3. Requirements engineering, software engineering in the context of e-business
4. E-commerce solutions and transaction settlement model in e-business
5. Cloud solutions
6. Internet marketing
7. Electronic commerce logistics - logistic aspects and 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. Borucki A. (2012). E-Biznes. Wydawnictwo Politechniki Poznańskiej. Poznań.
2. Szpringer W. (2012). Innowacyjne modele e-biznesu. Difin. Warszawa.
3. 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



4. 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.

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

Additional

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

2. Szpringer W. (2005). Prowadzenie działalności gospodarczej w Internecie. Difin. Warszawa.

3. Olszak C.M., Ziemia 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) <sup>1</sup>	65	2,5

<sup>1</sup> delete or add other activities as appropriate