COURSE DESCRIPTION CARD - SYLLABUS

Course name
E-business [S2Log2>EG]

Course

Field of study
Logistics

Year/Semester
1/1

Area of study (specialization)
–

Profile of study
general academic

Level of study
second-cycle

Course offered in
Polish

Form of study
full-time

Requirements
compulsory

Number of hours

Lecture
15

Laboratory classes
30

Other
0

Tutorials
0

Projects/seminars
0

Number of credit points

4,00

Coordinators

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Lecturers

dr inż. Katarzyna Ragin-Skorecka
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Prerequisites

Student 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. Student knows dependencies related to the area of e-business and their connections with logistics [P7S_WG_01]
2. Student knows the areas of e-business applications in the area of logistics and supply chain management [P7S_WG_05]
3. Student knows detailed methods, tools and techniques in the field of e-business [P7S_WK_01]
4. Student knows the phenomena and contemporary trends of the e-business characteristic of logistics, its specific issues and supply chain management [P7S_WK_03]
5. Student knows the best practices in the field of e-business within logistics and its specific issues [P7S_WK_04]

Skills:
1. Student 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. Student 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. Student 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. Student 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. Student 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. Student 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. Student 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. Student is able to plan and manage creatively business ventures in the area of e-business [P7S_KO_01]
3. Student 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:

Lecture: problem tasks to be performed after the lecture, final test.
Laboratory: current class work, technical and organizational documentation of the online store, online store placed on any server.

Programme content

Lecture: As part of the course, an overview of issues in the field of e-business will be presented, with particular emphasis on logistics.
Laboratory: Implementation of a selected e-business solution (IT system) in the area of logistics.

Course topics

The scope of classes includes: Internet, e-business, information systems
in e-business, requirements engineering, software engineering in the context of e-business, e-commerce solutions, cloud solutions, Internet marketing, electronic commerce logistics.

Teaching methods

Lecture: informative lecture, seminar, case study.
Laboratory: laboratory method, project method, brainstorming, demonstration method.
Local education methods on the ekursy.put.poznan.pl platform.

Bibliography

Basic:
1. Borucki A., E-Biznes. Wydawnictwo Politechniki Poznańskiej, Poznań, 2012.
2. Szpringer W., Innowacyjne modele e-biznesu, Difin, Warszawa, 2012.
3. Ragin-Skorecka K., Urbaniak J., Zarządzanie projektami informatycznymi - studium przypadku [w:] Trzcieliński S., Zaborowski T. (red.), Licentia poetica zarządzania, III Szkoła Naukowa Zarządzania (monografia), Poznań, 2014, s. 59-75.
4. Kolbusz E., Olejniczak W., Szyjewski Z., Inżynieria systemów informatycznych w e-gospodarce, PWE,

Warszawa, 2005.

Additional:
1. Dąbrowska A., Janoś-Kresło M., Wódkowski A., E-usługi a społeczeństwo informacyjne, Difin, Warszawa, 2009.
2. Szpringer W., Prowadzenie działalności gospodarczej w Internecie, Difin, Warszawa, 2005.
3. Olszak C.M., Ziemba E., Strategie i modele gospodarki elektronicznej, PWN, Warszawa, 2007.
4. Ragin-Skorecka K., Nowak F., Information Is The Key In Optimization of Transport Processes, Information Systems In Management, Vol. 5, no. 2, 2016, s. 227-236.

Breakdown of average student's workload

	Hours	ECTS
Total workload	100	4,00
Classes requiring direct contact with the teacher	45	2,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	55	2,00