19th International Project Week 2017
15th – 19th May 2017

Lecturer: Anna Sołtysik-Piorunkiewicz, Ferkan Kaplanseren

University/Company: Uniwersytet Ekonomiczny w Katowicach, goSAFE Bilişim Sistemleri

Country: Poland, Turkey

E-Business Information Systems

Content:
1. Introduction to e-business and information systems
2. Business information systems' generations
3. Information system analysis aspects
4. IT infrastructure
5. Industry 4.0
6. Cloud Computing
7. Business Intelligence
8. Mobile computing

Methods:
Written assignment works, utilization of the acquired knowledge in essay and presentation, case studies, information project

Competences and skills to be acquired:
During the course, students receive knowledge on the role and value of E-business information systems for support of the managerial process in contemporary virtual and mobile organizations. The course covers explanations of the genesis of information systems, presentations of the contemporary directions of development of information systems from different classes (domain information systems, integrated information systems, decision support information systems, expert systems, executive information systems, finance and banking information systems, marketing information systems), their role for development and realization of business strategy, explanation of general principles of design and implementation of the system, their influence on business, managerial processes and decision making.

By the end of the week, students should be able to
1. Understand how to integrate business and technology.
2. Explain technologies, standards and processes to implement e-business.
3. Define the main control issues in managing an e-business infrastructure.
4. Develop e-business strategies for the delivery of products and services.

Prerequisites:

Language of instruction: English

Recommended for: Economics