COURSE SYLLABUS

Course title: Business informatics

ECTS: 6

Programme: Management

Level: undergraduate

Course purpose: Acquire knowledge about the possibilities, opportunities and threats of the use of information and communication technologies in the business world.

Content (Syllabus outline):

1. Businesses in a digital environment.
2. Information systems and the modern organisation.
3. Information infrastructure.
4. Business informatisation.
5. Data and database management.
6. E-business.
7. Managing information resources and security.
8. **Different aspects of information society.**

Intended learning outcomes:
Knowledge and understanding:

Student will be able to:

- identify basic concepts of business informatics,

- identify computer and communications equipment, and provide examples for each type of computer equipment,

- describe basic procedures and methods used in the renovation of business processes,

- identify basic concepts of database management,

- identify any such entities and attributes, and relationships between entities,

- identify the types of e-payments and their characteristics,

- identify basic concepts in the management of information resources.

Student will be able to:

- explain social changes and changes in business as a result of ICT development,

- break down business information systems by various aspects of its layout and substantiate with examples,

- understand the importance of ICT for gaining competitive advantage,

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- identify examples of computer and communications applications and explain their meaning and usefulness,

- identify the development trends in information infrastructure,

- understand the integration of business processes with the informatisation of business processes,

- explain the advantages and disadvantages of different methods of delivery of software solutions,

- define e-business and explain the milestones in its development,

- explain ways, types and models of e-business based on examples,

- explain the role of information technology services company,

- understand the importance and ways of protecting information resources in a company.

Student will be able to:

- find appropriate providers of computer and communications equipment and applications,

- draw a process diagram and

- draw the ER diagram.

Student will be able to assess the appropriateness of certain types of equipment and applications for each case under consideration.

Student will be capable of awareness of possible ethical, social and legal implications/threats of the use of ICT in terms of individuals, firms and society.