

Management Information Systems I + II

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Course Objectives

The courses provide participants with information regarding the principles, procedures and documentation of information systems and information technologies (IS/IT), IS/IT architectures, different IS/IT applications and their use, benefits and risks.

Knowledge and skills after completing the course

Having completed the courses, the participants will obtain the following knowledge and skills:

" IS/IT architectures as a tool of IS/IT management, planning and control - documented on the mySAP.com solution,

" principles of ERP - Enterprise Resource Planning Systems, their use and implementation procedures,

" principles of Business Intelligence applications, possibilities for planning and analytical management tasks,

" e_Business applications, eg. e_Commerce, e_Procurement, e_marketplaces,

" IS/IT development and operations management

Course format and teaching methods

Each course topic is taught according to the following scheme:

1. lecture
2. cases from practical life associated with the topic
3. discussions with course participants: their experience and ideas

Integration of Theory with Practice; Relationship with other Courses

All topics are based on the practical knowledge and experience, the courses are loosely interrelated with all other courses.

Course content

1. MIS - Support of Business and Decision-Making
2. Role of Information Systems
3. Principles of MMDIS Methodology
4. Outsourcing of IS/IT
5. IS/IT architectures - principles, the use in the IS/IT management and planning
6. Enterprise Resource Planning Systems
7. Business Intelligence (BI)
8. e_Business
9. Supply Chain Management
10. CRM - Customer Relationship Management
11. Management of the different IS/IT applications

Exam

Regularly written exam. In addition written homework and presentation.

Reading list

Pour, J. a kol.: Informační systémy a elektronické podnikání, VŠE, Praha, 2002, ISBN 80-245-0227-5.

Basl, J., Novotný, O., Pour, J.: Aplikace software - BAAN IV, VŠE, 2000.

Berry, M., J., A., Linoff, G., S.: Mastering Data Mining, John Wiley & Sons, 2000.

Cats-Baril, W., Thomson, R.: Information Technology and Management, Irwin, 1997.

Dohnal, J., Pour, J.: Řízení podniku a řízení IS/IT v informační společnosti, VŠE, 1999.

Golden, W., Powell, P.: Inter - Organisational Information System and the Gains from Organisational Flexibility, Collection ECIS, Cork, 1997.

Kimball, R.: The Data Warehouse Toolkit - Practical Techniques for Building Dimensional Data Warehouses, John Wiley, 1998.

White, C.: The Impact of e_Business on CRM Business Intelligence, DCI Conference, Boston, 2001.

www.cssi.cz - IS/IT suppliers, products and services surveys