



Subject Information and Communication

Course: Business Information Systems

Professor in charge: Prof. Dr. Torsten Stein

Target group: Bachelor of Business Administration (BBA)

Lectures: 6 hours per week

Aims:

- Students should be able to communicate on business information systems in practice.
- Students should have knowledge about the essential opportunities of information technique, so that they are able to reflect individual business requirements on it.
- Students should be able to plan and steer the utilization of business information systems in a way that they are efficient.

Contents:

- Technical Basics
 - The PC and his Operating System
 - Networks
 - Business Applications
 - Data Bases
 - Case Studies
- Architecture of Information Systems
- Management of Information Systems
 - Efficiency of Information Systems
 - Selection and Implementation of Business Information Systems
 - IT-Outsourcing
 - Security Management
 - Legal Aspects
- Economic Results and Social Effects
-

Methods:

- Lectures with Discussions, Case Studies, Demonstration and Utilization of Information Systems, Exercises, Teamwork, Reading at Home
- Script

Examination: Written Exam

Literature Mertens, P., Bodendorf, F., König, W., Picot, A., Schumann, M., Hess, Th., Grundzüge der Wirtschaftsinformatik, 9. Edition., Springer, Berlin-Heidelberg 2005

Language: German

Case Studies:

- IT Costs (Gartner Group)
- Intranet (VW „Level 5“)
- Domain Law (BMW Spare Parts)



- Portals (Focus Online)
- eCommerce (UPS)
- e Payment (Paysafecard)
- Business Applications (SAP R/3 and mySAP.com)
- Data Bases (Music Info Disc)
- Data Warehouse (Wal Mart)
- Process Modelling (POS System)
- Reference Models (SAP R/3)
- Object Oriented Modelling (Library)
- Investigation of Efficiency (ERP System)
- Installation of Business Applications (Project „Spin Course“)
- E mail Inspection (Service Company)
- Telework (IBM)