

FACULTY OF ACCOUNTING AND MANAGEMENT INFORMATION SYSTEMS
DEPARTMENT OF MANAGEMENT INFORMATION SYSTEMS
Contest topics
FOR EMPLOYMENT JOB COMPETITION – POSITION 7, PROFESSOR
DISCIPLINES: ERP Systems – CIG - Accounting, Controlling and Expertise
ERP Systems - CIG- Auditing Concepts and Practices at National and International Levels
Business games – CIG - Accounting, Controlling and Expertise
Management information systems - Accounting and management information systems

Contest topics:

1. The business processes and organization's functions
 - Data, information, knowledge
 - Role and functions of the departments in an organization
2. Solutions for integrating the information technologies in organizing and functioning of the enterprise
 - Independent information applications
 - Platforms of integrating the information applications - EAI
 - Enterprise resource planning – ERP
3. Introduction in the enterprise resource planning - ERP
 - What is and ERP
 - The evolution of the ERP
 - Reason determining the deployment of an ERP
 - The advantages of an ERP deployment
 - The risks of ERP deployment
 - The impact of the ERP deployment on the organization
4. ERPs and associated technologies
 - Business process Reengineering (BPR)
 - Management Information System (MIS)
 - Decision Support Systems (DSS)
 - Executive Support Systems (ESS)
 - Data Warehousing, Data Mining
 - Online Analytical Processing (OLTP)
 - Supply Chain Management (SCM)
 - Customer Relationship Management (CRM)
5. ERP deployment
 - Choosing an ERP solution
 - Change management
 - Success and failure factors in an ERP deployment
 - ERP's life cycle
 - Installation, configuration and parameters setting for an ERP
 - Data migration and testing
 - Training, assistance and support
 - GoLive
 - Post deployment activities
 - Management of the ERP deployment project and monitoring
6. Actors involved in an ERP deployment

- Vendors
 - Consultants
 - Key users
 - Users
 - Sponsor
 - Promotion
 - Consumer
7. The impact of the ERP deployment
 - ERP audit
 - Traceability
 - ROI
 8. ERP SAP – Sales and Distribution
 - Sales partners. Contact person
 - Sales workflow. Inquiry, Offer, Order
 - Sales workflow. Billing and Payment
 - Sales and Distribution reports. Reflection in accounting of operations in Sales and Distribution
 9. Basic concepts of management decision simulations
 10. Interpretation of the conclusions of a management decision simulation. Highlight strengths and weaknesses.
 11. Integration of decision simulation modules in ERP systems

Bibliography

1. Vasile Florescu, Valentin Dumitru , Comerțul electronic și impactul organizațional, Amfiteatru Economic , Bucuresti, 2007, România
2. Dumitru Valentin Florentin, ul tehnologiilor informaționale asupra organizării și funcționării firmei , Amfiteatru Economic , Bucuresti, 2011, România
3. Traian Surcel, Razvan Bologa , Funcționalități ERP utilizate in imbunătățirea integrării sistemelor logistice , Amfiteatru Economic , Bucuresti, 2008, România
4. Dumitru Valentin Florentin, Sistemele informatice integrate: rolul și impactul acestora în procesele de afaceri, InfoMega, Bucuresti, 2009, România
5. Valentin Dumitru, Florescu Vasile , Ghid de implementare a unui sistem integrat de gestiune, Amfiteatru Economic , Bucuresti, 2009, România
6. Simha, R. Magal; Stefan, Weidner; Tom, Wilder, Curs SAP University Alliances - SAP ERP Configuration
7. Wagner, B.; Weidner, S. - Curs SAP University Alliances – Sales and Distribution (SD)
8. Wagner, B.; Weidner, S. - Curs SAP University Alliances – Production Planning and Execution (PP)
9. Bret Wagner, Stefan Weidner, Curs SAP University Alliances - SAP Financial Accounting (FI)
10. Bret Wagner, Stefan Weidner, Michael Boldau, Curs SAP University Alliances - SAP Controlling (CO)

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