UNIVERSITY OF CRAIOVA
DEPARTAMENT OF COMPUTERS AND INFORMATION TECHNOLOGY
MASTER: INFORMATION SYSTEMS FOR E-BUSINESS

YEAR I

1. Multimedia Design for e-Business
2. Computational and Algorithmic Methods in e-Business
3. Service and Agent Technologies for E-Business
4. Formal Methods in Semantic Web
5. Web Systems Engineering (Option 1a)
6. Image Processing (Option 1b)
7. Mobile and Wireless Technologies for e- Business
8. Secure Payment Systems
9. Modeling and Performance Evaluation of e-Business Systems
10. Knowledge and Semantics-Based Systems
11. Complex Graphical Systems (Option 2a)
12. Legal, Ethical and Social Issues in e-Business (Option2b)

YEAR II

1. Software Metrics for Web Systems
2. Systems for Visual Information Retrieval (Option 3a)
3. Information Technology for e-Marketing and Branding (Option 3b)
4. Data Mining and Data Warehouses
5. Enterprise Information Systems
6. Research activity
7. Internship - dissertation paper

YEAR I

SUBJECT: MULTIMEDIA DESIGN FOR E-BUSINESS

NUMBER OF CREDIT POINTS: 6
SEMESTER: I
COURSE TYPE: synthesis
COURSE OBJECTIVES: The course covers the essential concepts and technologies of text, graphics, animation, audio, and video and how they are interwoven to create multimedia products for e-business. It introduces the essential concepts and technologies, every learner will receive a solid introduction to the field of multimedia - including design principles, storyboarding, comp development, motion graphics, animation principles, camera moves, and storytelling techniques.
COURSE CONTENT: 1**.** Setting the Scene. New Media and Interaction Design. Design and Technology; 2. Elements. Text. Layout. Icons. Sound. Color. Video and Animation; 3. Interaction. Goals, Audience and Scope (GAS). Contexts. User Models. Feedback. Structure. Navigation. Narrative; 4. Designing It. Generating Ideas. Top-down Design. The Underlying System Model. Metaphors; Interaction Specifications. Prototypes and Demos.
TEACHING LANGUAGE: English
EVALUATION: oral examination
BIBLIOGRAPHY:

Exploring Multimedia for Designers (Design Exploration), Ray Villalobos, Delmar Cengage Learning; 1 edition, 2007

Design for New Media: Interaction Design for Multimedia and the Web, Lon Barfield, Addison Wesley, 2004

Multimedia Design and Production for Students and Teachers, Edward L. Counts, Allyn & Bacon, 2003)

Interface Design: Effective Design of Graphical User Interfaces for the Web and Multimedia Pages, Alistair Dabbs, Watson-Guptill Publications, 2002

SUBJECT: COMPUTATIONAL AND ALGORITHMIC METHODS IN E-BUSINESS

NUMBER OF CREDIT POINTS: 6
SEMESTER: I
COURSE TYPE: in-depth
COURSE OBJECTIVES: It is one of the specialty courses and it is a continuation of the "Algorithms Complexity Analysis" course.
COURSE CONTENT: Optimisation problems; Optimization problems approximation; NP-complexity class; Complexity classes polynomial optimization; Probabilistic algorithms; Probabilistic Turing Machines; probabilistic complexity classes.
TEACHING LANGUAGE: English
EVALUATION: written examination
BIBLIOGRAPHY:

DEXTER C. KOZEN - The Design and Analysts of Algorithms; Springer Verlag 1992;

DAVID HAREL - Algorithmics - The Spirit of Computing; Addison-Wesley 1991;

FOSTER C. L. - Algorithms, Abstraction and Implementation; Academic Press1992;

WEISS M. A. - Data Structures and Algorithms Analysis; Benjamin Cummings 1992;

BOVET D. P.; CRESCENZI P. - Introduction to the Theory of Complexity; Prentice Hall 1994;

BAASE S. - Computer Algorithms. Introduction to Design and Analysis; Addison- Wesley 1992*;*

CORMEN TH., LEISERSON CH., RIVEST R.- Introduction to Algorithms; MIT Press 1992;

AHO A. V., HOPCROFT J. E., ULLMAN J. D. - The design and Analysis of Computer Algorithms; Addison-Wesley 1975;

KNUTH D. E. - The Art of Computer Programming. Fundamental Algorithms; Addison-Wesley 1973;

J HOPCROFT J. E., ULLMAN J. D. - Introduction to Automata. Theory, Languages and Computation; Addison-Wesley 1979;

MICHA HOFRI - Analysis of Algorithms. Computational Methods and Mathematical Tools; Oxford Press 1995;

MORET B. M. E., SHAPIRO H. D. - Algorithms from P to NP; Benjamin Cummings 1990;

LASSAIGNE R., ROUGEMONT M. - Logique et Complexite; Editions Hermes 1996;

BALCAZAR J., DIAZ J., GABARRO J. - Structural Complexity; Springer Verlag 1988;

MONTWANI R., RAGHAVAN P. - Randomised Algorithms; Cambridge Press 1995;

PAPADIMITRIOU CH. - Computational Complexity; Addison-Wesley 1994;

NEIL D. JONES - Computability and Complexity; MIT Press 1997;

JACQUES STERN - Fondements Mathematiques de L'informatique; McGraw-Hill 1990

GREEN D., KNUTH D. E. -Mathematics for the Analysis of Algorithms; Birkhauser 1990;

CALUDE CRISTIAN - Complexitatea calculului. Aspecte calitative; Ed. Stiintifica si Enciclopedica 1982;

BURDESCU D. D. – Analiza Complexitatii Algoritmilor; Ed. Albastra 1998;

BURDESCU D. D., PATRICIU ALEX. - O implementare a unei reduceri intre probleme NP-complete; Revista ELSE-Software nr.7/1995;

BURDESCU D. D. - Tehnici de programare in C; Ed. Radical 1995;

BURDESCU D. D., PATRICIU ALEX. - Analiza algoritmilor (indrumar de laborator), Reprografia Universitatii Craiova 1996;

BURDESCU D.D. - Analiza complexitatii algoritmilor (curs);Reprografia Universitatii Craiova 1997

SUBJECT: SERVICE AND AGENT TECHNOLOGIES FOR E-BUSINESS

NUMBER OF CREDIT POINTS: 6
SEMESTER: I
COURSE TYPE: synthesis
COURSE OBJECTIVES: This course explores new technologies for software development based on agents and services. Results: Agent and service-oriented software development methodologies;Software platforms based on agents and services; Architectures, notations and standards in agent and service oriented software engineering; Applications: e-business, distributed decision making, crisis and disaster man.

COURSE CONTENT: 1. Introduction to agents and services; 2. Software architectures based on agents and services; 3. Service and agent based software development methodologies; 4. Notations and models for agent and service oriented software; 5. Service and agent oriented software technologies and platforms (coordination, processes, transactions, workflow systems); 6. Multi-agent systems: semantics, communication, negotiation, collaboration, organisations, societies, norms
TEACHING LANGUAGE: English
EVALUATION: written examination
BIBLIOGRAPHY:

Wooldridge, M. J. An Introduction to MultiAgent Systems. John Willey & Sons Ltd, 2002
Munindar P. Singh and Michael N. Huhns, Service- Oriented Computing: Semantics, Processes, Agents, John Wiley & Sons, Ltd., 2005
Maria Fasli, Agent Technology for E-Commerce, Wiley, 2007
B. Henderson-Sellers and P. Giorgini. Agent-oriented Methodologies. Idea Group Publishing, 2005
Christopher D. Walton, Agency and the Semantic Web, Oxford University Press, 2007
Fabio Luigi Bellifemine, Giovanni Caire, Dominic Greenwood, Developing Multi-Agent Systems with JADE, Wiley, 2007
Rafael H. Bordini, Jomi Fred Hübner, Michael Wooldridge, Programming Multi-agent Systems in AgentSpeak using Jason, Wiley, 2007

SUBJECT: FORMAL METHODS IN WEB SYSTEMS DEVELOPMENT

NUMBER OF CREDIT POINTS: 6
SEMESTER: I
COURSE TYPE: in-depth
COURSE OBJECTIVES: To introduce students to the concepts and techniques required in Semantic Web.
To introduce students to the concepts and techniques of formal languages and models: the Z language, and of the Petri Net models. To apply formal methods to Semantic Web.
COURSE CONTENT: Introduction to Semantic Web and Formal Methods. Semantic Web Languages: RDF, OWL. The Z Language. Using Z to the Semantic Web Service Development. Petri Nets and High-Level Petri Nets Models. Using Petri Nets for Wev Service Composition. Petri Net Markup Language. The Petri Net Ontology.
TEACHING LANGUAGE: English
EVALUATION: oral examination
BIBLIOGRAPHY:

J. Davies, J. Woodcock - Using Z. Specification, Refinement, and Proof, Prentice Hall International, 1996.
J.M. Spivey - The Z notation. A reference manual, Prentice Hall International, 1992.
K. Jensen - Coloured Petri Nets: Basic Concepts, Analysis Methods and Practical Use, Springer Verlag, 1997.
J. Peterson - Petri Net Theory and the Modeling of Systems, Prentice Hall, 1981.
M. Weber, E. Kindler - The Petri Net Markup Language, Lecture Notes in Computer Science, Vol. 2472, Springer-Verlag, 2003.
M. Dean, G. Schreiber - OWL Web Ontology Language Reference, 2004 (http://www.w3.org/TR/owlref)
A. Gomez-Perez, M. Fernandez-Lopez, O. Corcho - Ontological Engineering. Advanced Information and Knowledge Processing, Springer-Verlag, 2003.
G. Antoniou, F. v. Harmelen. A Semantic Web Primer. The MIT Press, 2004.
D. Brickley and R.V. Guha (editors). Resource description framework (rdf) schema specification 1.0., March, 2000 (http://www.w3.org/TR/2000/CR-rdfschema-20000327/).

SUBJECT: WEB SYSTEMS ENGINEERING

NUMBER OF CREDIT POINTS: *6*
SEMESTER: I
COURSE TYPE: synthesis
COURSE OBJECTIVES: Web Engineering uses scientific, engineering, and management principles and systematic approaches to successfully develop, deploy, and maintain high-quality Web systems and applications and provides an in-depth examinationination of the basic concepts and general principles associated with Web application development. It explains the underlying protocols and languages that support Web application development, and delineates the best practices associated with building robust applications. It describes mechanisms for providing Web access to heterogeneous data sources including relational databases and multimedia.
COURSE CONTENT: 1. Modelling Web Applications. 2. Web Application Architectures. 3. Security for Web Applications. 4. Resource Description Framework (RDF). The basic elements of RDF. Fundamental rules of RDF. Aggregation and distributed information. 5. RDF Schema (RDFS). Core elements of RDFS. The concepts of ontology and taxonomy. 6. Web Ontology Language: OWL. 7. OWL-S ontology. Concept of OWL-S. OWL-S building blocks.
TEACHING LANGUAGE: English
EVALUATION: oral examination
BIBLIOGRAPHY:

Gerti Kappel, Birgit Proll, Siegfried Reich and Werner Retschitzegger (Eds) – Web Engineering, John Wiley and Sons, 2006.
K.K. Breitman, M.A. Casanova, W. Truszkowski - Semantic Web: Concepts, Technologies and Applications, Springer, 2006.
Leon Shklar, Richard Rosen - Web Application Architecture: Principles, Protocols and Practices, Wiley, 2003.
Liyang Yu – Introduction to Semantic Web and Semantic Web Services, Taylor& Francis Group, 2007.

SUBJECT: IMAGE PROCESSING

NUMBER OF CREDIT POINTS: *6*
SEMESTER: I
COURSE TYPE: synthesis
COURSE OBJECTIVES:
COURSE CONTENT:
TEACHING LANGUAGE: English
EVALUATION: examination
BIBLIOGRAPHY:

SUBJECT: MOBILE AND WIRELESS TECHNOLOGIES FOR E-BUSINESS

NUMBER OF CREDIT POINTS: *6*
SEMESTER: II
COURSE TYPE: synthesis
COURSE OBJECTIVES: The course focuses on the main issues related to mobile and wireless technologies, mobile devices, wireless networks, mobile and wireless security. During this course the students are also taught how to build Smart Client Applications and Wireless Internet Applications as well.
COURSE CONTENT: 1. Introduction to mobile and wireless; 2. Mobile Devices; 3. Wireless Networks; 4. Mobile Applications Architectures; 5. Mobile and Wireless Messaging; 6. Mobile and Wireless Security; 7. Building Smart Client Applications; 8. Building Wireless Internet Applications; 9. Enterprise Data
TEACHING LANGUAGE: English
EVALUATION: written examination
BIBLIOGRAPHY:

Stallings W. – High-Speed Networks and Internets Performance and Quality of Service, Second Edition, Prentice Hall, 2002
Tanenbaum T.S. – Computer Networks, 4th edition, Prentice Hall, 2003

E. Ramos, A. Schoroeder and A. Beheler – Computer Networking Concepts, Macmillan, 1996
Gallo & Hancock – Computer Comm. And networking Technologies, Thomson Learning.2001
C. Siva Ram Murthy and Mohan Gurusamy – WDM Optical Networks: Concepts, Design, and Algorithms, Prentice Hall PTR, November 2001
Mancas D., Garnita S. – Comunicatii optice - principii, tehnici, tehnologii.

SUBJECT: SECURE PAYMENT SYSTEMS

NUMBER OF CREDIT POINTS: 6
SEMESTER: II
COURSE TYPE: synthesis
COURSE OBJECTIVES: The course has the objective of introducing and promoting the procedures, technologies, practices available today for secure electronic transactions.
COURSE CONTENT: 1. Introduction to e-commerce. E-commerce models; 2. Security issues in data communications. Data security in web; 3. Trust models in a internetworked world; 4.Public-key infrastructures. Digital signatures. Digital certificates ; 5.Security for TCP/IP networks. Secure Sockets Layer protocol. HTTP/S protocol; 6. Security for TCP/IP networks. IPSec protocol; 7. Secure Electronic Transaction (SET) standard; 8. Electronic data interchange (EDI). X.12 standards; 9. Electronic funds transfer (EFT). Transaction types (buy/sell, cash withdraw/deposit, inter-account transfer, payments, transaction listing, etc). Card and card holder authentication. Single message authorization/clearing. Dual message authorization/clearing; 10. Online payment mechanisms. Well-known implementations (PayPal, Google CheckOut, etc); 11. Online banking. Security attacks (phishing, pharming, XSS, keyloggers, Trojans, etc.). Counter-measures; 12. Internet marketing. Methods for measuring/tracing users interest/actions: pay per impression, pay per click, pay per play, pay per action. Security issues concerning confidentiality/privacy.
TEACHING LANGUAGE: English
EVALUATION: written examination
BIBLIOGRAPHY:

Warwick Ford, Michael Baum, Secure Electronic Commerce: Building the Infrastructure for Digital Signatures and Encryption, Prentice-Hall, 1997, ISBN-13: 978-0134763422
Michael Whitman, Herbert Mattord, Principles of Information Security, 3rd edition, Course Technology, 2007, ISBN-13: 978-1423901778
Charlie Kaufman, Radia Perlman, Mike Speciner, Network Security: Private Communication in a Public World, 2nd edition, Prentice-Hall, 2002, ISBN-13: 978-0130460196.

SUBJECT: MODELLING AND PERFORMANCE EVALUATION OF E-BUSINESS SYSTEMS

NUMBER OF CREDIT POINTS: *6*
SEMESTER: II
COURSE TYPE: in-depth
COURSE OBJECTIVES:
COURSE CONTENT:
TEACHING LANGUAGE: English
EVALUATION:
BIBLIOGRAPHY:

SUBJECT: KNOWLEDGE AND SEMANTICS –BASED SYSTEMS

NUMBER OF CREDIT POINTS: 6
SEMESTER: II
COURSE TYPE: *CA*
COURSE OBJECTIVES: This course explores new methods and technologies for software development based on knowledge and semantics. Results: Languages for knowledge representation; Reasoning; Development methodologies for knowledge and semantics-based systems Platforms and technologies for knowledge and semantics-based systems; Applications: expert systems, Semantic Web, etc.
COURSE CONTENT: 1. Introduction to knowledge and semantics-based systems; 2. Representation and reasoning using rules; 3. Representation and reasoning using ontologies; 4. Representation and reasoning with uncertainty; 5. Representation and reasoning for processes, protocols and dynamic systems; 6. Methodologies and tools for development of knowledge and semantics-based systems; 7. Applications: expert systems, Semantic Web, etc.
TEACHING LANGUAGE: English
EVALUATION: wrritten examination
BIBLIOGRAPHY:

Ronald Brachman, Hector Levesque, Knowledge Representation and Reasoning, Morgan Kaufmann; 1 edition, 2004
John F. Sowa, Knowledge Representation: Logical, Philosophical, and Computational Foundations, Course Technology; 1 edition, 1999
Handbook of Knowledge Representation, Frank van Harmelen, Vladimir Lifschitz, Bruce Porter, Elsevier Science, 2007
Michael C. Daconta, Leo J. Obrst, Kevin T. Smith, The Semantic Web: A guide to the future of XML, Web Services and Knowledge Management, Wiley, 2005
Grigoris Antoniou and Frank van Harmelen, A Semantic Web Primer, 2nd Edition, MIT Press, 2008
Jorge Cardoso, editor, Semantic Web services: theory, tools and applications, IGI Global, 2007
Gerd Wagner, Foundations of Knowledge Systems with Applications to Databases and Agents. Kluwer Academic Publishers/Springer, 1998.

SUBJECT: COMPLEX GRAPHICAL SYSTEMS

NUMBER OF CREDIT POINTS: *6*
SEMESTER: II
COURSE TYPE: synthesis
COURSE OBJECTIVES:
COURSE CONTENT:
TEACHING LANGUAGE: English
EVALUATION:
BIBLIOGRAPHY:

SUBJECT: LEGAL, ETHICAL AND SOCIAL ISSUES IN E-BUSINESS

NUMBER OF CREDIT POINTS: 6
SEMESTER: II
COURSE TYPE: synthesis
COURSE OBJECTIVES: The course comprises the core of Legal, Ethical and Social Issues in e Business. All chapters of the course are the subject of research and each element is linked to the rest of the courses in multiple ways allowing students to track a specific issue concerning legal aspects and ethical codes and to follow that same question into materials covering other ebusiness research domains.

COURSE CONTENT: The Meaning of Legal, Ethical and Social Issues in e-Business. Law for e-business. Rules of etiquette. Security and Ethic Problems in e-business Computer offenses. Ethical Dilemmas in e-Business. Making Ethics Reform in e-Business. E-Business Ethics and Social Responsibility in Twenty- First Century.
TEACHING LANGUAGE: English
EVALUATION: written examination
BIBLIOGRAPHY:

Bohlman, H. M., & Dundas, M. J., The legal, ethical and international environment of business. 5th ed. Cincinnati, Ohio: West/Thomson Learning, 2002.

Burlea Schiopoiu A., Responsabilitatea sociala a intreprinderilor, Editura Universitaria, Craiova, 2007.

Floridi, L. (2006a). Information technologies and the tragedy of good will, Ethics and Information Technology, 8, 4,253-262.

Floridi, L. (2006b). Information ethics, its nature and scope, SIGCAS Computers and Society, Volume 36, No. 3, September 2006, 21-36.

Frank, R.H., What price the moral high ground? Ethical dilemmas in competitive environments. Princeton, NJ: Princeton University Press, 2004.

Jennings M.M., Business Ethics: Case Studies and Selected Readings, 6th Edition, South Western Educational Publishing, 2008.

ANUL II

SUBJECT: SOFTWARE METRICS FOR WEB SYSTEMS

NUMBER OF CREDIT POINTS: *7*
SEMESTER: II
COURSE TYPE: in-depth
COURSE OBJECTIVES:
COURSE CONTENT:
TEACHING LANGUAGE: English
EVALUATION:
BIBLIOGRAPHY:

SUBJECT: SYSTEMS FOR VISUAL INFORMATION RETRIEVAL

NUMBER OF CREDIT POINTS: *8*
SEMESTER: II
COURSE TYPE: synthesis
COURSE OBJECTIVES:
COURSE CONTENT:
TEACHING LANGUAGE: *English*
EVALUATION:
BIBLIOGRAPHY:

SUBJECT: INFORMATION TECHNOLOGY FOR E-MARKETING AND BRANDING

NUMBER OF CREDIT POINTS: 8
SEMESTER: II
COURSE TYPE: sinteza
COURSE OBJECTIVES: This course explores the basic principles that underlie marketing and how e-business marketing techniques will fundamentally change the traditional marketing process.
This course prepares students for careers in a rapidly changing environment of non-linear, online, interactive advertising; new product development and distribution processes; and reliance on databases. Throughout the semester, students will learn how traditional marketing models are translated or modified into the electronic medium of the World Wide Web. This transformation will be examinationined from theoretical and case study perspectives.
COURSE CONTENT: E-Marketing Overview. Internet Audience and Consumer Behaviour. Internet Marketing Achievement. Branding Strategies in e-Marketing. Advertising Networks and Invasive Marketing. Communication Strategies in e-Marketing.
TEACHING LANGUAGE: English
EVALUATION: written examination
BIBLIOGRAPHY:

Terri C. Albert, William B. Sanders, E-Business Marketing, , Upper Saddle River, NJ: Prentice Hall, 2003.

Judy Strauss, Adel El-Ansary, Raymond Frost, EMarketing, 4th ed., Prentice Hall, 2005

Brad A. Kleindl Ph.D., Brad A. Keindl, Strategic Electronic Marketing in Managing E-Business, Prentice Hall, 2001

John O'Connor, Eamonn Galvin, Martin Evans, Electronic Marketing:Theory and Practice for the Twenty-First Century, Prentice Hall, 2003

Levinson, J.C., Rubin, C., Guerilla Marketing on the Information Highway, 1996

Laudon, K.C., Traver, C.G., E-Commerce. Business, Technology, Society, Pearson Prentice Hall, 2007

Rohner, K., Ciber-Marketing, Ed. All, Bucureşti, 1999.

Kotler, P., Armstrong, G., Principles of Marketing, 11th Edition, Prentice Hall, 2006

Ince, D., Developing Distributed and E-Comerce Applications, Addison-Wesley, 2002

Clarke, I., Flaherty, T., Advances in Electronic Marketing, Idea Group Publishing, 2005

.

SUBJECT: DATA MINING ANDA DATA WAREHOUSES

NUMBER OF CREDIT POINTS: 7
SEMESTER: II
COURSE TYPE: in-depth
COURSE OBJECTIVES: The course will introduce students to the basic concepts and techniques of Data Mining and Data Warehouses. Also, it will develop skills of using recent data mining and data warehouses software for solving practical problems. A data warehouse is a specially prepared repository of data designed to support decision making. Data are extracted from source systems, transformed, and loaded into data stores. Then the data is accessed by users or applications that draw data from the warehouse. Data mining is an important use of a data warehouse. This course is designed to provide a thorough understanding of the business potential of data warehousing, how to build and maintain data warehouses, and how to use data warehouses for business advantage.
COURSE CONTENT: 1. Data Warehousing: Data Models. Data structures. Design. Data warehousing process. Online analytical process. Tools and languages. Data mart and practical issues. 2. Data Mining: Data Mining Methods. Algorithms.Mining Databases.Knowledge discovery process. Tools and languages and application issues.
TEACHING LANGUAGE: English
EVALUATION: oral examination

BIBLIOGRAPHY:

Advances in Data Warehousing and Mining, David Taniar, IGI Publishing, USA

Data Warehousing, Data Mining, and OLAP (Data Warehousing/Data Management), Alex Berson, Stephen J. Smith, Computing Mcgraw-Hill, 1997

Data Mining: Practical Machine Learning Tools and Techniques, Second Edition, Ian H. Witten, Eibe Frank, Morgan Kaufmann, 2005

SUBJECT : ENTERPRISE INFORMATION SYSTEMS

NUMBER OF CREDIT POINTS: 8
SEMESTER: II
COURSE TYPE: synthesis
COURSE OBJECTIVES:
COURSE CONTENT: 1. Introduction and EIS Concepts; 2. EIS: Technologies and Infrastructures ; 3. EIS Implementation and General Management; ***4***. Performance Management Issues in EIS; 5. EIS Software. Quality assurance and metrics for software productivity and quality.
TEACHING LANGUAGE: English
EVALUATION: written examination

BIBLIOGRAPHY:

Dunn C., Cherrington J.O., Hollander A., Enterprise Information Systems: A Pattern Based Approach, 3rd ed, McGraw-Hill/Irwin, 2004

O'Leary D.E., Enterprise Resource Planning Systems, University of Cambridge, 2000 (Systems, Life Cycle, Electronic Commerce, and Risk)

Turban E, Leidner D. , McLean E. and Wetherbe J., Information Technology for Management: Transforming Organizations in the Digital Economy, 5th edition, Wiley Asia student edition, 2006 (ISBN: 978-0-471-70522-2)

Simchi-Levi D., Kaminsky Ph., and Simchi-Levi E. Designing and Managing the Supply Chain, 2nd ed., McGraw-Hill, 2003 (ISBN: 0071410317)

Sunil C. and Meindl P., Supply Chain Management, 2nd ed., Upper Saddle River, NJ, Prentice Hall, 2004 (ISBN: 013101028X)

Mocanu M., Dorobanţu M. and Dorobanţu C., On Using Web Services for Heterogeneous Software Interoperability in B2b Supply Chain Automation, Proceedings of the 5th Int. Conf. Microelectronics and Computer Science, vol.1, pp.254-263, ISBN 978-9975-45-046-1.

SUBJECT : RESEARCH ACTIVITY

NUMBER OF CREDIT POINTS: 15
SEMESTER: II
COURSE TYPE: CA
COURSE OBJECTIVES:
COURSE CONTENT:
TEACHING LANGUAGE: English
EVALUATION:
BIBLIOGRAPHY:

SUBJECT : INTERNSHIP - DISSERTATION PROJECT

NUMBER OF CREDIT POINTS: *15*
SEMESTER: II
COURSE TYPE: synthesis
COURSE OBJECTIVES:
COURSE CONTENT:
TEACHING LANGUAGE: English
EVALUATION:
BIBLIOGRAPHY:

Dean,
Professor Eugen BOBAŞU, PhD