**Business Information Systems and Education**

**BISE 2010 - Fundamentals of**

**Computer Applications ...........................................3.00 Credits**

An introductory hands-on course designed to cover word processing, spreadsheets, database, presentations, e-mail and world wide web.

**BISE 2040 – Communication for Management ...3.00 Credits** Applications of the principles of verbal and non-verbal communication. Management concepts of business ethics and problem analysis are integrated with communication process and theory.

*Prerequisite: E,GL 1101 and 1102.*

**BISE 2400 - Survey of**

**Computer Application.............................................3.00 Credits** Introductory hands- on course designed to cover word processing, spreadsheets, database, presentations, e- mail and World Wide Web.

*Prerequisite: ,one.*

**BISE 2600 – Business Communication..................3.00 Credits** Applications of the principles of verbal and non-verbal communication. Management concepts of business ethics and problem analysis are integrated with communication process and theory.

*Prerequisite: E,GL 1102 US D or E,G 102 UG D*

**BISE 3000 - Technology and Language Arts.........3.00 Credits** This course builds on word processing skills while reinforcing language arts and communication skills, information management skills, decision making skills and the ability to work with little to no direction.

*Prerequisite: BISE 2010.*

**BISE 3080 - Information Systems Framework.....3.00 Credits**

An introduction into understanding the various types of computer based Information Systems, including, but not limited to, Management Information Systems, Decision Support Systems, Office Automation Systems, Expert Systems and Executive Support Systems. Also an emphasis on how these systems relate to managing organizations for increased efficiency and competitiveness. *Prerequisite: BISE 2010.*

**BISE 3100 - Information Systems**

**Resource Management ............................................3.00 Credits** Management techniques involved in records creation, inventory and analysis of active/inactive records maintenance. The course also provides a broad overview of managing information system resources. The course discusses increased efficiency and competitiveness *Prerequisite: BISE 3080.*

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**Course Descriptions**

**BISE 3110 - Advanced Computer Applications ....3.00 Credits**

An intensive study of computer applications used in today’s business settings. Emphasis is placed on current technologies and how these applications are used in business and industry.

*Prerequisite: BISE 3100.*

**BISE 3200 - End-User Computer Development ...3.00 Credits** Analysis and development of information systems with end- user needs in mind. Includes an investigation of graphical user interface (GUI) design strategies that help in maximizing the design and acceptance of systems by end-users and emphasis on software used to design end-user applications, such as webpages and warehousing.

*Prerequisite: BISE 2010.*

**BISE 3210 - Desktop Publishing**

**and Multimedia........................................................3.00 Credits** Designed to introduce students to basic concepts relating to business publications. Software programs and equipment which allow the integration of text and graphics are evaluated, and students will use sound, still images, presentation software to create examples of typical business publications such as newsletters, brochures, catalogs, and reports.

*Prerequisites: BISE 2010.*

**BISE 3300 - Human-Computer Interactions ........3.00 Credits**

A study of the interaction of people, technology and procedures. Coverage includes ergonomics work trends, work patterns and structures, health issues, and other needs and concerns of the employee in a technological environment. Students will be engaged in the development of a virtual HCI design that attempts to meet the needs of unique user populations.

**BISE 3350 - Telecommunications Management ...3.00 Credits**

An introduction to telecommunications in the business environment. Topics include telephone, data codes, protocols, protocols, and network architecture, local area networks, communication media, hardware and software. Management issues and practical applications are integral parts of the course.

*Prerequisite: BISE 2010.*

**BISE 3500 - Business Statistics...............................3.00 Credits** The application of statistical techniques to economic and business problems. Topics include descriptive statistics, introduction to probability theory, confidence interval estimation, and hypothesis testing, sampling techniques, and business forecasting. *Prerequisites: OBAS 2400- Survey of Computer Application, OBAS*

*2200 - Survey of Economics and MATH 1111- College Algebra.*

**BISE 3700 - Principles of Management.................3.00 Credit**s Management principles applicable to all types of cooperative enterprises. The vital functions of the manger are studied in detail. *Prerequisites: ,one.*

**BISE 3710 - Mgmt Information Systems..............3.00 Credits**

An introduction to Information systems, emphasizing concepts, components, and structures of Information systems and their applications in business and managerial decision making. *Prerequisite: OBAS 2400- Survey of Computer Applications.*

**BISE 3720 - Prince of Prod/Opera Mgmt .............3.00 Credits** The application of management science principles to the actual management of an industrial plant. Through the application of these techniques, improved decisions are made as to hiring, firing, training,

and output planning and controlling, raw material acquisition, quality control budgeting and maintenance expenditures as concerns the manufacturer of products.

*Prerequisites: OBAS 3500- Business Statistics, OBAS 3700- Principles of Management.*

**Albany State**

**BISE 3800 - Principles of Finance..........................3.00 Credits**

An introduction to promotion and organization of the corporation, forms of securities issued, problems of financial administration, expansion, securing funds, reorganization, and liquidation. *Prerequisites OBAS 2300- Survey of Accounting or Equivalent*

**Arts & Humanities**

**BISE 3810 - Principles of MKTG...........................3.00 Credits** Provides a general survey of the field of marketing covering the marketing concept, product, price, promotion and marketing channels topics. In addition, this course introduces basic marketing functions and processes

**BISE 3820 - International Business .......................3.00 Credits**

An introduction to the nature and environment of the international business, multinational business operations, and the future of international business.

**Business**

*Prerequisites: OBAS 3700 - Principles of Management*

**BISE 4000 - Human Resources Mgmt ...................3.00 Credits** Explores the process of forecasting and identifying resources in the labor market, determining staffing needs, developing budgets and employment plans. Emphasis is on program evaluation and legal considerations, equal employment opportunity, performance appraisal, compensation management, training and development.

**Education**

**BISE 4010 - Organizational Theory ......................3.00 Credits** Must be enrolled in one of the following Program(s): BAS in Technology Management. An advanced course in organization design and structure and their impact on individual, group, and organization effectiveness. Focus is on the role of authentic leadership in taking action based on the relationships of mission, power, resources, structure and fulfillment.

**Sciences &**

**Health**

**Professions**

*Prerequisite: OBAS 3700 - Principles of Management.*

**BISE 4020 - Entrepreneurship ...............................3.00 Credits** Participants explore the increasing importance of entrepreneurial activity in the world as well as obtaining an introduction to the practical aspects of starting a new business venture. Topics include: startup issues, legal forms of organization, operation planning, financing the business, budgeting, personal issues, and developing an accounting and control system.

**Graduate**

**School**

*Prerequisites: OBAS 3700- Principles of Management, OBAS 3810- Principles of Marketing, and OBAS 3800- Principles of Finance.*

**BISE 4030 - Quality Mgmt System ........................3.00 Credits** Develops the continues quality philosophy. Strategic quality management focuses on assessment and group decisions. The role of leadership in continuous quality improvement is covered in quality profiles and cases. An overview of tools for improving quality processes as well as current theories of Six- Sigma and lean manufacturing are presented.

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*Prerequisites: OBAS 3700 - Principles of Management, OBAS*

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*3720-Principles of Production and Operations Management, and*

*OBAS 2400- Survey of Computer Applications.*

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**BISE 4205 - Management Information Systems 3.00 Credits**

**Albany State**

An overview course designed to introduce students to the area of management information systems. It emphasizes concepts, components, and structures of information systems and their applications in business and managerial decision making. *Prerequisite: BISE 2010.*

**BISE 4206 - Database Management Systems 3.00 Credits**

**Arts & Humanities**

An introduction to database management and its system implementation techniques, this course covers the structure of database management systems, database design, Entity- Relationship modeling, normalization, relational database system development and management using an industrial leading database system such as ORACLE. Optional topics may include object- oriented databases, distributed databases, database programming, and advance database management issues.

*Prerequisite: BISE 2010.*

**BISE 4207 - Systems Analysis & Design 3.00 Credits** Covers all major phases of a complete systems development life cycle(SDLC), business modeling techniques such as E-R diagramming, data flow diagramming and the use of Integrated Computer-Aided Software Engineering (I-CASE) tools to support systems development. Optional topics may include forms and report development using rapid applications development (RAD) tools, client/ server development, and web-based systems deployment. *Prerequisite: BISE 2010 and MGMT 4205.*

**Education**

**Business**

**BISE 4210 - Decision Support Systems 3.00 Credits** Management decisions- making and the role of DSS (Decision Support Systems) is explored. The course provides the student with the skills necessary to conceptualize, build, and implement DSS in organizations, includes Expert Systems, Executive Support Systems, and Group Decision

**Sciences &**

**Health**

**Professions**

Support Systems.

*Prerequisite(s): BISE 3080 US C and BISE 3080.*

**BISE 4220 - Special Topics/Research in**

**Information Systems ...............................................3.00 Credits** May not be enrolled in one of the following Class(s): Freshman, Junior, Sophomore Designed to provide senior students with an opportunity to conduct research projects for publication in journals. Students will investigate new trends in Information Systems business and industry, Information Systems curricula and Information Systems research.

**Graduate**

**School**

*Prerequisite: Senior Standing*

**BISE 4230 - Information Systems Internship 3.00 Credits** Provides an opportunity for students to gain practical experience while working in a business or government agency. Internship coordinated by a

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faculty member and supervised by an approved business supervisor.

*Prerequisite: Approved COB organization/ corporation.*

**BISE 4240 - Computer Program in Business 3.00 Credits** Students engage in programming from a business perspective. Languages, including: Visual Basic, C++, JavaScript, HTML, Perl, etc are determined by the new trends in business and industry. *Prerequisite: BISE 2010, BISE 3080.*

**BISE 4250 - Info Systems Certifications 3.00 Credits** Must be enrolled in one of the following Class(s): Senior. Students are engaged in understanding of and presentation for the various types of certifications. Students are encouraged to apply and take the

examination during the course.

*Prerequisite: Senior standing.*

**BISE 4260 - E-Commerce 3.00 Credits** This course investigates the evaluation, implementation, and disadvantages of E-Commerce systems.

*Prerequisite(s): BISE 4206 US C and BISE 4206.*

**BISE 4900 - Strategic Management .......................3.00 Credits** Must be enrolled in one of the following Program(s): BAS in Technology Management. A study of business strategy and strategic planning in relation to company resources. the environment and changes which may bring opportunities or threats. An opportunity to apply one’s skilled through strategic case analysis and through the management of a manufacturing firm in a computer- stimulated business station. *Prerequisites: OBAS 3700- Principles of Management, OBAS 3810- Principles of Marketing, and OBAS 3800- Business Finance Prerequisite(s): (OBAS 3700 US C and OBAS 3810*

*US C and OBAS 3800 US C)*