

ACC5002 FINANCIAL ACCOUNTING

Prerequisite: None.

Introductory examination of financial accounting data generated by business organizations. Emphasis on interpretation of accounting statements and reports and the appropriate use of financial accounting information in the decision making process.

Lect/Sem. 2 hrs. 2 hours credit

ACC5003 FINANCIAL ACCOUNTING & FINANCIAL STATEMENTS

Prerequisite: None.

This course examines the accounting process and the development, interpretation, and use of financial statement information for external and internal business decisions. This covers the fundamental principles, procedures, and applications involved in accounting for assets, liabilities, and equity, and recognizing revenues, expenses, and income through the accounting cycle.

Lect/Sem. 3 hrs. 3 hours credit

ACC6013 MANAGEMENT CONTROL SYSTEMS

Prerequisites: ACC5002 or ACC5003.

Study of the uses of managerial accounting information for planning and control. Case studies emphasize the role of accounting information in the decision making process. Designing, implementing, and the use of planning and control systems to achieve a firm's strategies.

Lect/Sem. 3 hrs. 3 hours credit

ACC7113 FINANCIAL STATEMENT ANALYSIS

Prerequisites: ACC5002 or ACC5003 and FIN5022 or FIN6013

Analysis of financial statements of business firms with an emphasis on the study of relationships within a set of financial statements at a point in time and with trends in these relationships over time. Primary attention is placed on the tools and techniques used by managers.

Lect/Sem. 3 hrs. 3 hours credit

DBA7013 INTRODUCTION INQUIRY AND RESEARCH

Prerequisite: Doctoral level.

This course is designed to prepare students for the performance of doctoral level research, culminating in the dissertation. This includes identifying pertinent research topics, questions, critique of research ideas and designs, and evaluating disseminating a dissertation. The philosophy of the dissertation, its requirements, and expectation for conducting substantive doctoral level inquiry will be addressed, as well as the practical issues of choosing a dissertation committee, managing the process of writing a dissertation, and understanding the roles of the dissertation committee. This course will also differentiate between inductive and deductive research between the qualitative and quantitative research methods available for use. The literature review will be addressed as well as the various parts of the dissertation and their relationship to each other. Ultimately, this course is designed to help the student achieve a successful completion of the dissertation by providing a sound foundation in which to view the full range of the scope and depth that doctoral research entails.

Lect/Sem3hrs. 3 hours credit

DBA7023 QUALITATIVE RESEARCH TECHNOLOGY

Prerequisite: Doctoral level.

Qualitative research techniques have gained significant respect as a viable and valid form of inquiry, especially as researchers have entered fields that include complex human systems and multiple human perspectives. Qualitative research techniques that will be examined include: action research, ethno methodology, grounded theory building, phenomenological inquiry, and participative research. Appreciative inquiry will be noted as part of grounded theory building. This introductory seminar will include the crafting research questions and attending to the larger pragmatic and theoretical context to shape them. The differences between deductive and inductive qualitative research will be exploring the qualitative research techniques listed above. Research mapping and evaluation of the qualitative research will be discussed as well as the development of qualitative research instruments, where appropriate. For most business students this form of research will be new and they will be asked to design and conduct a project using this form of inquiry.

Lect/Sem3hrs. 3 hours credit

DBA7033 BUSINESS STATISTICS

Prerequisite: Doctoral level.

This course will provide the basic fundamentals of quantitative methods. It will provide the students not only with grounding in the area of business statistics and probability, but address the areas of survey analysis and the non-parametric statistical techniques that can be used to interpret the surveys. Analysis of Variance techniques will also be addressed, as these techniques will be valuable in the completion of dissertation research. The method for providing this grounding to the students would involve an actual development of a survey, population sample, analysis and then a report and presentation of the results of the survey and the implications that can be applied to the significant business area that is the student's specialty. In addition, this course shows how the merging of qualitative methods could be applied in order

to use multi-method research to provide a more balanced approach to research. This would be continued in the Business Modeling and Analytical Techniques course.

Lect/Sem3hrs. 3 hours credit

DBA7043 BUSINESS MODEL ANALYTICAL TECHNOLOGY

Prerequisite: Doctoral level.

This course is a continuation of Business Statistics. This course incorporates correlation analysis, time series analysis, various regression techniques, and multivariate analysis. In addition, the concept of seasonality and how it needs to be addressed in forecasting is stressed. Student projects involve the undertaking or completing a forecast of product revenues, sales volumes, or some other area of interest related to their business specialty. The integration of the techniques into a "live" situation will help cement this knowledge and allow students to learn how these techniques are involved in the business world. For students with a strong economic or financial bent, econometric forecasting could be undertaken. Decision trees and other quantitative techniques will be discussed. As with Business Statistics and Survey Techniques, multi-method techniques will be utilized in order to broaden the relevance and increase the rigor involved in the course.

Lect/Sem3hrs. 3 hours credit

DBA8013 ADVANCED LEADERSHIP

Prerequisite: Doctoral level.

This course introduces students to 21st century strategic leaders and organization change makers. The course integrates theoretical and practical applications for effectively leading organizations in a constantly changing world. Students will study leadership models that have helped move people in organizations toward a clear vision and mission. Distinctive culture transformations aimed at improving business growth will also be studied. The course will include case studies of best practices of leadership and management that have been implemented in a variety of corporate, government, and not-for-profit organizations.

Lect/Sem3hrs. 3 hours credit

DBA8023 GLOBAL ECONOMIC THEORIES

Prerequisite: Doctoral level.

Economic interdependence among nations has increased sharply in the past decade. This course provides students with the theoretical and institutional knowledge needed to understand the impact of culture, global policies, economic systems and institutions. The course examines the interaction between public policies and private sector decision-making and investment. Patterns of global trade, investment, and financial flows are analyzed. International institutions that play a key role in the economic integration process are studied. Case studies will be utilized from developed and developing economies to illustrate the issues involved in competing in a dynamic world economy.

Lect/Sem3hrs. 3 hours credit

DBA8033 INSTITUTIONS & STRUCTURE

Prerequisite: Doctoral level.

Society looks to government and organizations to implement policies and practices that contribute to sustainable development and intergenerational equity. Organizations' councils and boards look to their management teams to ensure their success while balancing the interests of key stakeholders: investors, boards, employees, customers, strategic partners/suppliers, and communities. This course examines the creation of the publicly held corporation, agency theory principal, corporate governance models, new accounting standards, and the role of values, ethics and transparency to better understand how to operate organizations with integrity, fiscal soundness, and the long-term benefits of corporations and society at large. Case studies will be used for analysis and the student will complete an in-depth study of an organization's governance structure and develop a set of recommendations that can be used not only for the organization but across its industry.

Lect/Sem3hrs. 3 hours credit

DBA8043 GLOBAL MARKETING STRATEGY

Prerequisite: Doctoral level.

To remain competitive in today's global markets, profitable growth from innovation is a challenge to achieve and sustain. This course begins with an overview of strategic marketing processes, industry structures, competitive environments and continuous innovation. Qualitative tools will be introduced to help students determine a company's mission, goals, and quantitative tools to determine a company's best capabilities, opportunities and competitive position. The student will complete a market assessment and plan to launch a new product or service design.

Lect/Sem3hrs. 3 hours credit

DBA8053 FINANCIAL VALUATION

Prerequisite: Doctoral level.

This course provides a student with an in-depth examination of corporate and public financial management, financial policies and practices, and financial institutions. Students will examine the role of money and capital markets from the perspective of private sector financial and risk management. Quantitative tools, techniques, and technology of modern financial markets will be examined as they pertain to their application to modern money and capital markets. The

emphasis will be on the theory and practice of financial decision-making by the leadership team to maximize an organization's short- and long-term financial performance.

Lect/Sem3hrs. 3 hours credit

DBA8063 STRATEGIC INFORMATION SYSTEMS AND DESIGN

Prerequisite: Doctoral level.

This course is designed to enable leaders to anticipate and evaluate the political, economic and social impact of technology in an organization. Students examine the strategic relationship of information technology and systems to the organization. The role of technology is then examined within the organization's environment to determine its core and distinctive competencies to sustain a competitive advantage. Topics on management of innovation, technology and knowledge transfers between nation-states, and intellectual properties in a digital-global world are covered.

Lect/Sem3hrs. 3 hours credit

DBA8073 ORGANIZATION AND DEVELOPMENT AND TRANSFORMATION

Prerequisite: Doctoral level.

Organizations and their surrounding environments are constantly changing. It is important for business leaders to understand the nature of the various changes and their own responses to it. This course provides the conceptual frameworks and tools to lead and orchestrate organizational change. Several leading theories and models used in management of organizational change are presented. Students will explore case studies associated with organizational change, including methods of discovery, envisioning change, and various design process and implementation issues. Students will complete a self-assessment on his/her change leadership capabilities to facilitate a change initiative with their organization and develop a change management system to lead a team, division or organization from action to impact.

Lect/Sem3hrs. 3 hours credit

DBA 8083 ADVANCED TOPICS

Prerequisite: Doctoral level.

This course explores emerging fields in business administration, specifically focusing on new theories or practices in strategic leadership and change management.

Lect/Sem3hrs. 3 hours credit

DBA 8123 DBA DISSERTATION II

Prerequisite: Doctoral level, DBA 8113.

The course is devoted toward writing the selected dissertation project.

Lect/Sem3hrs. 3 hours credit

FIN5012 BUSINESS ECONOMICS

Prerequisite: None.

This course examines the applications of economic analysis to business decisions. Topics include demand, supply, and market structures; production theory; and economic analysis of costs, revenues, profits, risk, and pricing; and capital budgeting.

Lect/Sem. 2 hrs. 2 hours credit

FIN5022 INTRODUCTION TO FINANCE

Prerequisites: ACC5002 or ACC 5003.

Survey of the fundamentals of financial management from the viewpoint of the Chief Financial Officer. Current asset management, risk management and aversion, financial leverage and analysis, capital budgeting, long term financing, capital markets, cost of capital, mergers, failures and reorganization, and international finance. Cases analyze problems and introduce solutions.

Lect/Sem. 2 hrs. 2 hours credit

FIN6013 ACQUIRING AND MANAGING FINANCIAL CAPITAL

Prerequisites: ACC5002 or ACC5003 and FIN5012.

Background in the allocation of wealth over time, firm valuation, investment decisions, long-term decision, cost of capital, equity management, dividend policy, and the effects of corporate and personal income taxation on the corporate decision making process. Theory on which current financial techniques are based. Contributions of major authors to finance theory. Applications of these theories to contemporary usage such as return measurement, risk measurement, capital structure, capital asset analysis and dividend policy.

Lect/Sem. 3 hrs. 3 hours credit

FIN6023 ADVANCED FINANCIAL MANAGEMENT

Prerequisite: FIN6013.

Advanced treatment of the investment, financing, dividend and working capital decisions with focus on current issues of strategic importance.

Lect/Sem. 3 hrs. 3 hours credit

FIN6113 INTERNATIONAL FINANCIAL MANAGEMENT

Prerequisite: FIN6013.

Financial Management in Nonprofit Organizations, Commercial Bank Management, Entrepreneurial Finance, Mergers and Acquisition, Portfolio Management, Valuation.

Lect/Sem. 3 hrs. 3 hours credit

FIN7013 FINANCIAL MARKETS AND INSTITUTION

Prerequisite: FIN6013.

Study of money and capital markets and institutions and their managerial and environmental problems, government.

Lect/Sem. 3 hrs. 3 hours credit

FIN7023 INVESTMENT MANAGEMENT

Prerequisite: FIN6013.

Analysis of the investment process, measurement of risk and return, security valuation models, and performance evaluation. An introduction to portfolio theory and practice.

Lect/Sem. 3 hrs. 3 hours credit

FIN7123 TOPICS IN FINANCE

Prerequisite: FIN6013.

Topic or topics in the field of finance. Course may focus on a single topic or it may cover a wide variety of topics, at the discretion of the faculty member. Repeat enrollment for different topics is permitted.

Lect/Sem. 3 hrs. 3 hours credit

GLM6013 GLOBAL LEADERSHIP AND MANAGEMENT FOR THE 21ST CENTURY

Prerequisite: None.

This course examines the impact of diverse economic, political, social, and cultural environments on global leadership, management, structure, systems, and performance of the 21st Century global organization with emphasis on the requirements for effective leadership in multi-cultural organizations and the development of personal leadership skills.

Lect/Sem. 3 hrs. 3 hours credit

GLM6023 GLOBALIZATION AND THE NEW ECONOMY

Prerequisite: None.

This course examines the causes, size and scope of globalization and its impacts on domestic economies, populations and living standards and analyzes the benefits, costs, and unique risks of global business with emphasis on economic, political, cultural, and ethical issues in the operation of multi-national corporations.

Lect/Sem. 3 hrs. 3 hours credit

GLM6033 GLOBAL ORGANIZATION DEVELOPMENT AND CHANGE

Prerequisite: None.

This course integrates the theory and practice of global organizational development using transitional and transformational leadership models for negotiating change. Values, vision, communication, and coalition building are explored to build the structure needed to overcome organizational inertia and open the way to orchestrate change in complex global organizations. Cultural factors affecting group and individual incentives and moral values are considered and integrated into the design and implementation of plans for strategic change.

Lect/Sem. 3 hrs. 3 hours credit

GLM6043 UNDERSTANDING MANAGEMENT IN A GLOBAL SOCIETY

Prerequisite: None.

This course examines society's national and global economic, political, military, social, cultural, and spiritual institutions and the management and effective governance of these institutions.

Lect/Sem. 3 hrs. 3 hours credit

GLM6053 MANAGING TECHNOLOGY & INNOVATION IN A GLOBAL SOCIETY

Prerequisite: None.

This course studies the role of information systems in different environments including the management and funding of the innovation process and the global technology portfolio.

Lect/Sem. 3 hrs. 3 hours credit

GLM6063 MANGING A GLOBAL WORKFORCE

Prerequisite: None.

Techniques and strategies to communicate and manage in a multi-cultural organization are examined in this course. The course also examines differences in ethical systems, values and beliefs, and their impacts on the practice of management, and on individual and organizational performance.

Lect/Sem. 3 hrs. 3 hours credit

GLM6073 GLOBAL BUSINESS PLANNING AND STRATEGY

Prerequisite: Permission.

This course examines business strategies, planning, marketing and decision making in a competitive, rapidly changing global environment. Topics include formulation of effective strategies to respond to opportunities and threats in the global environment, execution of an organization's strategy, and achievement of its long-term goals.

Lect/Sem. 3 hrs. 3 hours credit

GLM6113 MANAGING OPERATIONS AND GLOBAL SUPPLY CHAINS

Prerequisite: None.

This course examines the operational aspects of manufacturing firms and service organizations from a manager's perspective including decision making in designing, planning, scheduling and controlling activities along with a strategic approach to global supply chains and networks, covering supply chain structure, management, coordination and control.

Lect/Sem. 3 hrs. 3 hours credit

GLM6123 INTERNATIONAL LAW

Prerequisite: None.

Topics to be covered include dispute resolution; planning and litigation (jurisdiction, choice of law and forum, arbitration, substantive defenses to litigation with foreign parties); technology transfer (industrial property in the transnational context, substantive law controlling industrial property, licensing procedures and agreements, tax aspects of licensing operations) and foreign investment (investment facilitation legislation, investment control legislation, tax aspects of foreign investments, forms of foreign investments - considering incentive and regulatory legislation, selective operational aspects of foreign investment).

Lect/Sem. 3 hrs. 3 hours credit

GLM6131/6132 DIRECTED STUDY/ADVANCED TOPICS RESEARCH

Prerequisite: Approval by Dean.

Under the guidance of a faculty member, the student conducts an investigation of a topic within the field of global management. Initially a written proposal and ultimately a final report are required for approval. The project typically requires original research and interviews with managers and experts involved in the topic under investigation and may include international travel.

GLM6133 ADVANCED TOPICS

Prerequisite: None.

Advanced topics in global leadership and management, focusing on new theories, practices, or issues in strategic leadership in the global setting.

Lect/Sem. 3 hrs. 3 hours credit

GLM6143 INTERNATIONAL TRAVEL

Prerequisite: None.

This course is built around an international travel experience that exposes the student to different economic, political, social and cultural systems, values and beliefs. The students will meet with foreign business, government and social leaders to explore a set of pre-assigned business-leadership issues. Students will record their observations and learning for a class report and presentation. The report will include an assessment of the differences in economic, political and social systems between the U.S. and the foreign nation(s) visited, and their implications for effective global leadership.

Lect/Sem. 3 hrs. 3 hours credit

GLM6163 INTERNATIONAL FINANCE AND INVESTMENTS

Prerequisite: None.

Students learn to assess the financial returns and unique risks of business opportunities around the globe using financial and investment theories and tools. Topics include funding global operations, exchange rate systems and their impact on costs and global competitive advantage, and managing currency risks in volatile foreign markets.

Lect/Sem. 3 hrs. 3 hours credit

GLM6213 DIRECTED STUDY

Prerequisite: Permission.

Under the guidance of a faculty member, the student conducts an intensive investigation of a topic within the field of global management. Initially a written proposal and ultimately a final report are required for approval. The project typically requires original research and interviews with managers and experts involved in the topic under investigation.

Lect/Sem. 3 hrs. 3 hours credit

HRM6023 HUMAN RESOURCE MANAGEMENT

Prerequisite: None.

Broadening managers' understanding of the role and importance of human resources as a part of their day to day work. Effective human resource management skills which may involve personnel systems, recruitment and selection, appraisal of performance, discipline administration, compensation, incentive systems, benefits management and administration, management and organization development, personnel relations, legal issues, testing and measurement, job design, human resource planning and maximization of human resources effectiveness.

Lect/Sem. 3 hrs. 3 hours credit

HRM6033 LEADING ORGANIZATIONAL CHANGE

Prerequisite: None.

Dealing with change is part of every individual's job in an organization today. Given this factor, individuals must have the capacity to manage and lead a division or organization's change agenda. This course provides the conceptual framework and tools to help individuals deal with organizational change. It also examines both social and organizational change that provides the foundation to lead a change initiative. Strategies and tactics used in organizational development and behavior are presented.

Lect/Sem. 3 hrs. 3 hours credit

HRM6113 MANAGEMENT AND ORGANIZATION DEVELOPMENT

Prerequisite: HRM6023 or MGT6173.

Practical methods for identifying organizational employee inhibitors to productive human performance. Organizational and human interventions are introduced and applied to cases and on-the-job problems.

Lect/Sem. 3 hrs. 3 hours credit

HRM6123 PERFORMANCE AND PRODUCTIVITY IMPROVEMENT

Prerequisite: HRM6023 or MGT6173.

Diagnosing causes for inadequate performance due to climate and cultural variables. Various assessment tools are demonstrated and applied on the job at the work group, departmental or organization-wide level.

Lect/Sem. 3 hrs. 3 hours credit

HRM6133 MANAGING THE PROJECT ORGANIZATION

Prerequisite: MIS6153 or MGT6153.

Project, matrix and mixed-matrix organization structures, methods and tools examined. Focus from the perspective of the project manager and concentration on developing the project team and managing the boundary with the organization and clients.

Lect/Sem.3 hrs.3 hours credit

HRM6143 MANAGING MULTI-CULTURAL ORGANIZATIONS

Prerequisite: HRM6023 or MGT6173.

Analysis of culturally diverse versus traditional workforce organization models. Focus on understanding what shifting demographics means for management practices and productivity model designs.

Lect/Sem. 3 hrs. 3 hours credit

INT3023 INFORMATION TECHNOLOGY INAUGURAL

Prerequisites: MCS 1003.

Introduction to how information is used in organizations and how information technology enables improvement in quality, timeless and competitive advantage. Systems and development concepts, information technology issues, as well as hardware and software consideration.

Lect/Sem3 hrs.3hours credit

INT3103 INFORMATION TECHNOLOGY MANAGEMENT

Prerequisites: INT3023.

How information is used and managed within organizations. The use of information as a resource, developing and managing information systems, IS planning and implementation, reengineering, end-user computing, information systems strategies, network and telecommunications systems management, electronic commerce and societal and ethical issues relating to information systems design and use.

Lect/Sem3 hrs. 3hours credit

INT3203 TECHNICAL INFRASTRUCTURE

Prerequisites: INT3023.

Designing a computer architecture that will meet the needs of the business environment. Current hardware, network and software technologies will be explored as well as system architectures for the single user, center, and networked computing systems. Single and multi-user operating systems will also be discussed.

Lect/Sem3 hrs. 3hours credit

INT3503 PROJECT MANAGEMENT IN AN INFORMATION TECHNOLOGY ENVIRONMENT

Prerequisites: INT3023.

The course contains the eight basic knowledge of Project Management: Scope, Time, Cost, Quality, Human Resources, Communications, Risk and Procurement. The student will be exposed to the uniqueness of managing these knowledge areas in an information technology environment. The course will show the challenges and the advantages of using and creating computer technology in project scenarios.

Lect/Sem3hrs. 3hours credit

INT3603 eBUSINESS STRATEGIES, ARCHITECTURE AND DESIGN

Prerequisites: INT3023.

This course examines the linkage of organizational strategy and electronic methods of delivering products, services, and exchanges in inter-organizational, national, and global environments. Information technology strategy and technological solutions for enabling effective business process within and between organizations in a global environment are considered.

Lect/Sem3hrs. 3 hours credit

INT3803 DATABASE DESIGN AND IMPLEMENTATION

Prerequisites: INT3023.

This course covers the design and development of relational database management systems (RDBMS). IT will place special attention on the organizational and management issues related to the design and implementation of a RDBMS, data definitions, data manipulation and normalization. Students will develop the logical design of the database and then convert their design into the physical model. Additionally, this course will explore implementation issues, Internet technologies, security concerns, testing and installation.

Lect/Sem3hrs. 3hours credit

INT4013 TELECOMMUNICATIONS AND NETWORKS

Prerequisites: INT3023.

In-depth knowledge of data communications and networking. Telecommunications technologies, hardware and software. Special emphasis on the design, implementation and management of local area networks and wide area networks. Network privacy, security and reliability.

Lect/Sem3hrs.3 hours credit

INT4023 EXPLORATION OF INFORMATION TECHNOLOGY SECURITY

Prerequisites: INT3023 & INT 4013.

As networks continue to grow and as computing becomes more and more ubiquitous, today's IT Managers need to have a thorough understanding of security and the risks associated when inappropriate security exists. Students will explore basic security concepts, principles and strategy, how to develop and manage IT security program and how to strategize and plan an IT architecture. Students will also discuss other IT security issues as it relates to current market trends.

Lect/Sem3hrs. 3 hours credit

INT4203 SYSTEMS ANALYSIS AND DESIGN

Prerequisites: INT3023.

Developing an information system from concept to implementation. Various system development methodology techniques and introduction to the system development life cycle. Special emphasis on developing good communication skills between users, clients, team members and others that are associated with the project.

Lect/Sem3hrs. 3hours credit

INT4303 PHYSICAL DESIGN & IMPLEMENTATION WITHIN A PROGRAMMING ENVIRONMENT

Prerequisites: INT3023and INT4203, or MCS2514 or MIS5012.

In this course, students will cover the physical design, programming, testing, and implementation of an information system. They will discuss object-oriented and client-server designs using a programming environment.

Lect/Sem3 hrs. 3 hours credit

MGT5012 BUSINESS APPLICATIONS OF STATISTICAL ANALYSIS

Prerequisites: MCS1224 and MCS1003 or Permission of the Director.

This course provides an overview of statistical concepts and analysis applied to business problems. Topics include probability distributions, statistical inference for means and proportions, estimation and hypothesis testing, analysis of variance, correlation, and simple regression. Use of cases and spreadsheets.

Lect/Sem. 2 hrs. 2 hours credit

MGT5032 BUSINESS LAW

Prerequisite: None.

Examination of the legal system and the framework for judicial decision making. Analysis of general principles of tort law and constitutional liberties and an examination of general concepts of business principles including contract, sales, agency, partnerships, corporations, and property law.

Lect/Sem. 2 hrs. 2 hours credit

MGT6000 EXECUTIVE SKILLS ASSESSMENT

Prerequisite: None.

This course serves as an assessment of student business communication skills. It provides participants with practical skills and managerial tools that are critical to career success across a broad range of business and organizational settings. It includes a pre-test. Students must earn an acceptable score to complete the course.

Lect/Sem 1hrs. 2 lab hrs. 0hrs credit

MGT6001 EXECUTIVE SKILLS AND DEVELOPMENT

Prerequisite: None. The executive skill development course provides participants with practical skills and managerial tools that are critical to career success across a broad range of business and organizational settings. Interpersonal skills and competencies covered include relationship building, problem solving, decision-making, negotiating, research, time and meeting management. Coursework will emphasize situational and audience characteristics, sound planning, appropriate communication style, and a difference in culture, power and influence to consider when operating in business settings.

Lect/Sem.1hr. 1 hours credit

MGT6002 EXECUTIVE SKILLS AND DEVELOPMENT

Prerequisite: None

The executive skill development course provides participants with practical skills and managerial tools that are critical to career success across a broad range of business and organizational settings. Interpersonal skills and competencies covered include relationship building, problem solving, decision-making, negotiating, research, time and meeting management. Coursework will emphasize situational and audience characteristics, sound planning, appropriate communication style, and a difference in culture, power and influence to consider when operating in business settings.

Lect/Sem2 hrs.2hours credit

MGT6003 EXECUTIVE SKILLS AND DEVELOPMENT

Prerequisite: None.

The Executive Skill Development course provides participants with practical skills and managerial tools that are critical to career success across a broad range of business and organizational settings. Interpersonal skills and competencies covered include relationship building, problem solving, decision-making, negotiating, research, time and meeting management. Coursework will emphasize situational and audience characteristics, sound planning, appropriate communication style, and differences in culture, power, and influence to consider when operating in business settings.

Lect/Sem. 3 hrs. 3 hours credit

MGT6013 LEADERSHIP AND MANAGEMENT

Prerequisite: None.

Scenario: Senior staff position reporting to the president. Focus on introducing and demonstrating techniques / applications required in problem identification/solving; team-building; conflict resolution/negotiation; oral/written communications; and interpersonal/leadership skills.

Lect/Sem. 3 hrs. 3 hours credit

MGT6033 LEADING CHANGE AND BUILDING CAPACITY FOR NONPROFITS

Prerequisite: None.

This course is designed to provide students a comprehensive understanding of how to lead and sustain change, and build capacity, in a nonprofit organization. This course provides the conceptual framework and tools to lead and deal with the organizational change needed to pursue capacity building strategies. Students will examine both social and organizational level change that provides the foundation to lead a change initiative. Students will be introduced to the field of capacity building: its key players, concepts, and theories. It addresses basic competencies, principles and skills necessary to bring about change and build capacity at the individual, organizational, multi-organizational, and global capacity levels.

Lect/Sem. 3 hrs. 3 hours credit

MGT6043 ETHICS AND BUSINESS IN SOCIETY

Prerequisite: None.

Interactions between business entities and society at large in an ethical framework. By examining society's values and needs and the ethical assumptions, attitudes, values and behavior of business institutions, future managers will have a basis for making ethical decisions that affect society. Balancing the needs and the values of organizations with those of society represents the significant ethical dilemma. A systematic view of the place of business institutions enables managers to determine the effect of their actions on society. Both conceptual and applied considerations are given weight.

Lect/Sem. 3 hrs. 3 hours credit

MGT6053 PERSPECTIVES IN INTERNATIONAL BUSINESS

Prerequisite: None.

Examination of the size and scope of international business and its impact on the domestic economy. Rules of multinational corporations, institutional structure and economic theories, and environmental constraints. Emphasis on regional and ethical issues in the operation of multi-national corporations and strategic issues in international business.

Lect/Sem. 3 hrs. 3 hours credit

MGT6063 STRATEGIC MANAGEMENT

Prerequisites: ACC6013, FIN6013, MKT6013 and OPM 6033.

A capstone business class. The development of the administrative perspective on management, including establishing and analyzing policy and strategy in various settings, as well as the relationships between administrative decision making and important social issues. Case methods and computer simulations are used.

Lect/Sem. 3 hrs. 3 hours credit

MGT6073 STRATEGIC NONPROFIT MANAGEMENT

Prerequisite: Permission of Director.

This course is designed to provide students a strategic and comprehensive approach to nonprofit management. It reviews areas essential to effective leadership of today's nonprofit organization, such as governance, fund development, financial accountability, human resource and volunteer management. Woven through the course are the three key themes of social responsibility and leadership; multi-sector collaboration; and service and careers in the nonprofit sector. It is the combination of these themes, coupled with traditional areas of nonprofit management, which creates the innovative educational aspects of this course. Topics will include types of nonprofit organizations, dual bottom lines (mission and financial), strategic planning, fundraising, volunteerism, and director responsibilities.

Lect/Sem. 3 hrs. 3 hours credit

MGT6083 COMPREHENSIVE FUND DEVELOPMENT FOR NONPROFIT

Prerequisite: Permission of Director.

This graduate level course is designed to provide a comprehensive understanding of fund development for charitable (501c3) nonprofit organizations. It addresses basic principles and skills of all areas essential to a complete fund development program and introduces unique management competencies of each. Topics covered include comprehensive campaigns, capital campaigns, case statements, prospect research, major gifts, planned giving, annual fund campaigns and gift stewardship and management. It includes an introduction to the psychology of giving and communication competencies of successful solicitation. Woven through the course are themes of social responsibility, leadership and multi-sector collaboration.

Lect/Sem. 3 hrs. 3 hours credit

MGT6123 INTERNATIONAL MARKETING MANAGEMENT

Prerequisites: MKT6013.

Management of foreign market operations. Reasons for marketing overseas, potential entrances to foreign markets, and how environmental factors and barriers affect international markets.

Lect/Sem. 3 hrs. 3 hours credit

MGT6153 PROJECT MANAGEMENT

Prerequisite: None.

Techniques, tools and skills needed by a project manager to complete a major project on time, within budget, and with successful results. Focus on planning and control over the life of the project with coverage of the project life cycle, project plan development, PERT and CPM, computer based project control tools, resource loading, scheduling, costing, and decision making in the project environment.

Lect/Sem. 3 hrs. 3 hours credit

MGT6163 FOUNDATIONS OF BUSINESS

Prerequisite: None.

Integrated introduction to business topics in accounting, finance, strategy and marketing.

Lect/Sem. 3 hrs. 3 hours credit

MGT6173 FOUNDATIONS OF MANAGEMENT

Prerequisite: None.

Integrated introduction to management topics in leadership, human resource management, and organizational behavior.

Lect/Sem. 3 hrs. 3 hours credit

MGT6211 DIRECTED STUDY MANAGEMENT

Prerequisite: Permission.

Requires approval of a qualified full time faculty member and a the graduate director prior to registration. Note: A directed study cannot be taken in lieu of any core course.

Lect/Sem. 1 hrs. 1 hours credit

MGT6212 DIRECTED STUDY MANAGEMENT

Prerequisite: Permission.

Requires approval of a qualified full time faculty member and the graduate director prior to registration. Note: A directed study cannot be taken in lieu of any core course.

Lect/Sem. 2 hrs. 2 hours credit

MGT6213 DIRECTED STUDY MANAGEMENT

Prerequisite: Permission.

Requires approval of a qualified full time faculty member and the graduate director prior to registration. Note: A directed study cannot be taken in lieu of any core course.

Lect/Sem. 3 hrs. 3 hours credit

MGT6223 PROJECT RISK AND QUALITY MANAGEMENT

Prerequisite: MGT6153 or MIS6153.

The organized process of identifying and measuring risks on a project, and the developing, selecting, and managing options for coping with them on the project. Qualitative and quantitative assessment of the project uncertainties affecting cost, revenue, schedule, and quality of a project. The application of quality tools and techniques to the management of the product of the project. Continuous improvement tool and topics include check sheets, cause and effect, criteria rating, affinity analysis, process flow diagramming, histograms, run charts, pareto charts, and control charts.

Lect/Sem. 3 hrs. 3 hours credit

MGT6233 BUSINESS MANAGEMENT STRATEGIES IN E-COMMERCE

Prerequisite: MIS6013.

Overview of E-Commerce from a business perspective. Topics covered: origin and growth of E-Commerce, electronic payment systems, how E-Commerce business practices differ from traditional business practices, and exploration of current e-businesses, international aspects and impact from E-Commerce, deployment of an e-business strategy on an existing company and development of a new e-business or DOT COM company.

Lect/Sem. 3 hrs. 3 hrs credit

MGT6243 CUSTOMER RELATIONSHIP MANAGEMENT

Prerequisite: None.

Principles and techniques for managing and optimizing customer relationships.

Lect./Sem. 3 hrs. 3 hours credit.

MGT6543 MASTERS OF BUSINESS ADMINISTRATION MASTERS PROJECT/THESIS

Prerequisites: Approval of qualified faculty member and director of graduate programs prior to registration.

Student reviews and develops a thesis proposal which defines a topic of thesis research, outlines the scope and degree of abstraction and investigates issues raised in the field of management. Upon acceptance, the student pursues in-depth research directed by an assigned thesis advisor. All papers must be approved by the advisor and presented before the dean or designated representative.

Lect/Sem. 3 hrs. 3 hours credit

MGT6773 GLOBAL BUSINESS OPERATIONS PART II

Prerequisite: Permission.

Application of global business management skills to a practical work environment through a specifically designed work project or case study report. Student works independently or in teams.

Lect/Sem. 3 hrs. 3 hours credit

MGT6776 GLOBAL BUSINESS OPERATIONS PART I

Prerequisites: approval from graduate director.

Develops decision-making criteria for international managers, combining strategies for managing, financing, and marketing in the international competitive, legal, political, cultural, and organizational setting. A management approach focusing on tasks having to be performed to succeed in foreign markets which are becoming increasingly competitive. Changes in the global environment and their implications for the modern manager. Marketing strategies and management practices used by companies seeking opportunities outside the home market examined. Analyses of international financial factors that have no domestic counterparts. The international financial instruments, markets, and institutions with which the corporation must operate to manage foreign exchange risk and carry out multi-national working capital policies and foreign long term investment plans.

Lect/Sem. 6 hrs. 6 hours credit

MGT7123 TOPICS IN MANAGEMENT

Prerequisite: Permission Topic or topics of current interest in the management field.
Course may focus on a single topic, or it may cover a wide variety of topics, at the discretion of the faculty member.
Repeated enrollment for different topics is permitted.

Lect/Sem. 3 hrs. 3 hours credit

MIS5002 INTRODUCTION TO PROGRAMMING

Prerequisite None.
Introduction to a high level programming language, including design, syntax, compilation, debugging and testing.

Lect/Sem. 2 hrs. 2 hours credit

MIS5012 ADVANCED PROGRAMMING

Prerequisite: MIS5002.
Continuation of MIS5002. Students extend their experience and knowledge of programming.

Lect/Sem. 2hrs. 2 hours credit

MIS5103 ORACLE SQL AND PL/SQL

Prerequisites: MIS6113, MCS3543 or MCS5303.
Students will be introduced to the functioning of the Oracle database from a hardware and software perspective. Students will review relational and object relational database concepts and learn Oracle's PL/SQL language. As a test of skills, students will complete various projects in creating database objects, controlling user access and writing short executable statements.

Lect/Sem. 3 hrs. 3 hours credit

MIS5113 WEB DB AND MIDDLEWARE DESIGN

Prerequisite: MIS5012, or MCS2514 and MIS6113, or INT3803 or MCS5303 or MCS3543.
How to build database driven e-commerce and user interface applications using Oracle JDeveloper, Java, HTML and other software development tools. How to create simple and complex web interfaces to handle data validation and custom data processing. How to generate web pages containing reports, of different styles and utilizing embedded objects, such as charts and graphs. Some knowledge of Java is required for class and can be acquired with self study by the student before or at the beginning of the course, see the syllabus for details.

Lect/Sem. 3 hrs. 3 hours credit

MIS5123 SYSTEM DESIGN AND DEVELOPMENT USING ORACLE

Prerequisites: MIS5103.
This course further defines a student's ability to design an information system using Oracle's Designer. Students will review data modeling and relational database design and spend considerable time refining and reviewing ER diagrams. Students will then learn how to record business tasks and requirements, use the repository to classify various database objects and generate database objects. Finally students will use Designer to generate input forms.

Lect/Sem. 3 hrs. 3 hours credit

MIS5133 SERVER DESIGN AND CONFIGURATION USING ORACLE

Prerequisite: MIS5103.
This course teaches students how to establish and maintain the Oracle database and Designer Repository. They will learn how to set up, maintain and manage the Designer Repository taking into consideration such aspects as archiving, access control and backup. Students will also learn how to set up an Oracle database, query database views to gain system information and manage privileges and roles. Finally students will gain insight into the methods used to restore an Oracle database.

Lect/Sem. 3 hrs. 3 hours credit

MIS5203 ETHICS IN INFORMATION TECHNOLOGY/INFORMATION SYSTEMS

Prerequisite: MIS6013.
Computers and technology have changed our lifestyles. Our approach to working, playing, shopping, educating, and even, committing crimes has greatly changed. These changes are not limited to just technology, but extend also into the social and ethical arenas. Throughout the semester, students will examine the social and ethical implications of computers and technology in our personal, professional and academic lives. In addition, a focus will be placed upon providing business managers and IT professionals with practical information and advice about ethical questions that they will encounter in the workplace. Assignments will include weekly quizzes, class discussions, papers and a group project. This course will place a heavy emphasis on the participation of students with both individual and group assignments.

Lect./Sem. 3 hrs. 3 hours credit

MIS5213 HIGH TECH CYBER CRIME AND THE RESPONSES

Prerequisite: None.

The course will give you the information needed to recognize, respond, investigate and manage cyber crime incidents. The course focuses on three distinct areas of study within the Computer Forensic Methodology. The first area of study will concentrate on an overview of high tech cyber crimes in order to recognize the impact and analysis of computer incidents. The second area of study will look in depth at how to plan, implement and handle an Incident Response to a computer security breach. The third area of study will explain the proper procedures of how to handle an investigation as the first responder to a cyber crime. This class is intended to provide you with knowledge and the awareness of how to address a cyber crime incident in corporate America. High Tech Cyber crime and the Responses course will be the first in a series of classes to obtain the essential building blocks toward a certification in computer forensics methodology.

Lect./Sem. 3 hrs. 3 hours credit

MIS5223 COMPUTER FORENSICS I: METHODOLOGY AND LAWS

Prerequisite: None

The course will give you the information needed to recognize, respond, investigate and manage the Computer Forensic Methodology process. The course is intended to provide you with knowledge and the awareness of how to address a cyber crime incident with the methodology of computer forensics in Corporate America. The laws around the methodology of computer forensics will be examined to provide you with the legal ramifications of conducting a computer investigation. Computer Forensics I - Methodology and Laws course will be the second in a series of classes to obtain the essential building blocks toward a certification in computer forensics methodology.

Lect./Sem. 3 hrs. 3 hours credit

MIS6013 MANAGEMENT INFORMATION SYSTEMS

Prerequisite: None.

Information systems used by management in different environments. Planning, controlling, and implementing management information systems. Hardware and software are examined.

Lect./Sem. 3 hrs. 3 hours credit

MIS6113 DATABASE MODELS

Prerequisites: MIS6013.

Introduction to database systems with emphasis on the relational model. Data definition and data manipulation languages, normalization, query languages, optimization, concurrence, security, data administration, and information resource management. Hierarchical, network, and object database systems will be discussed. Introduces distributed database theory.

Lect./Sem. 3 hrs. 3 hours credit

MIS6123 ANALYSIS AND DESIGN OF COMPLEX SYSTEMS

Prerequisite: MIS6013 or equivalent.

Examination of the tools and methods of traditional systems development, including systems analysis, design, test and implementation. Focus on structured analysis techniques.

Lect./Sem 3 hrs. 3 hours credit

MIS6133 PROJECT PLANNING AND CONTROL

Prerequisite: MIS6013.

Techniques, tools and skills needed by a project manager to complete a major project on time, within budget, and with successful results. Focus on planning and control over the life of the project, with coverage of the project life cycle, project plan development, PERT and CPM, computer based project control tools, resource loading, scheduling, costing, and decision making in the project environment.

Lect./Sem. 3 hrs. 3 hours credit

MIS6143 TELECOMMUNICATIONS AND NETWORKS

Prerequisite: MIS6013 or equivalent.

Analysis, design, and implementations of data, voice, image and video communication networks. Computer and network technologies, teleprocessing, local and wide area networks, communications, protocols, and telephone systems.

Lect./Sem. 3 hrs. 3 hours credit

MIS6153 PROJECT MANAGEMENT INFORMATION TECHNOLOGY

Prerequisite: MGT5012.

May not be taken for credit after taking MGT6153. Techniques, tools and skills needed by a project manager to complete a major project on time, within budget, and with successful results. Focus on planning and control over the life of the project with coverage of the project life cycle, project plan development, PERT and CPM, computer based project control tools, resource loading, scheduling, costing, and decision making in the project environment. Examples and homework projects will be from Information Systems.

Lect./Sem. 3 hrs. 3 hours credit

MIS6211 DIRECTED STUDY INFORMATION SYSTEMS

Prerequisite: Permission.

Requires approval of a qualified full time faculty member and the Graduate Director prior to registration. Note: A directed study cannot be taken in lieu of any core course.

Lect/Sem. 1hrs. 1 hours credit

MIS6212 DIRECTED STUDY INFORMATION SYSTEMS

Prerequisite: Permission.

Requires approval of a qualified full time faculty member and the Graduate Director prior to registration. Note: A directed study cannot be taken in lieu of any core course.

Lect/Sem. 2hrs. 2 hours credit

MIS6213 DIRECTED STUDY - MIS

Prerequisite: Permission.

Requires approval of a qualified full time faculty member and the graduate director prior to registration. Students design and execute an individual course of study in consultation with a faculty member. Note: A Directed Study cannot be taken in lieu of any core courses, and can only count once toward graduation.

Lect/Sem. 3 hrs. 3 hours credit

MIS6231 DIRECTED PRACTICAL TRAINING I

Prerequisite: Requires approval of a qualified full time faculty member and the Graduate Director prior to registration. Note: Does not count toward graduation.

Lect/Sem. 1 hr. 1 hour credit

MIS6253 MANAGING OUTSOURCED PROJECTS

Prerequisites: MIS6013 or HRM6133 or MIS6153 or MGT6153.

This course provides students with skills to manage IT projects that are executed in whole or in part by external services provides. Issues of global outsourcing are also covered.

Lect./Sem. 3 hrs. 3 hours credit

MIS6543 MASTER OF SCIENCE IN INFORMATION SYSTEMS MASTERS PROJECT/ THESIS

Prerequisite: Courses appropriate to the subject of study.

Co-requisite: Approval of qualified faculty member and graduate director prior to registration. Student reviews and develops a thesis proposal which defines a topic of thesis research, outlines the scope and degree of abstraction, and investigates issues raised in the information systems field. Upon acceptance, the student will pursue the in-depth research directed by an assigned thesis advisor. All papers must be approved by the advisor and be presented before the Dean, or designated representative.

Lect/Sem. 3 hrs. 3 hours credit

MIS7123 TOPICS IN INFORMATION SYSTEMS

Prerequisite: Permission of graduate director and courses appropriate to the field of study.

Topic, or topics covered are of current interest in the information systems field. Course may focus on a single topic, or it may cover a variety of topics at the discretion of the faculty member. Repeat enrollment for different topics is permitted.

Lect/Sem. 3 hrs. 3 hours credit

MIS7223 ENTERPRISE SYSTEMS SECURITY

Prerequisite: MIS6013.

Explores security policies, models, and mechanics for confidentiality, integrity and availability of information systems and enterprise data. The course will introduce the threats, vulnerabilities, and risks associated with information technology infrastructure and applications. Topics include operating systems models and mechanisms for mandatory and discretionary controls; data models, concepts, and mechanisms for database security; basic cryptography and its applications; security in computer networks and distributed systems; use of hardware and software network security tools; control and prevention of viruses and other malicious programs; and risk management associated with security issues.

Lect/Sem. 3 hrs. 3 hours credit

MIS7233 NETWORK SECURITY

Prerequisite: MIS6143.

This course explores methods for protecting data within the enterprise. Topics covered include security standards and protocols, network infrastructure security, Internet security, authentication technologies, intrusion detection, and wireless security.

Lect./Sem. 3hrs. 3 hours credit

MIS7243 DISASTER RECOVERY AND BUSINESS CONTINUITY

Prerequisite: MIS6143.

This course provides students with the knowledge and skills to design and implement disaster recovery and business continuity initiatives. Topics covered include business and IT process architectures, physical and logical control systems for infrastructure and business data, information systems auditing requirements, risk assessment, data backup and recovery procedures, on-site and off-site disaster recovery processes, business continuity design, and emergency operations.

Lect./Sem. 3 hrs. 3 hours credit

MIS7413 SOFTWARE DEVELOPMENT I

Prerequisites: MIS6123.

Examination of software development practices. Focuses on the management of software projects, including metrics, project planning and management, configuration management, and software assurance.

Lect/Sem. 3 hrs. 3 hours credit

MIS7423 WEB AND ELECTRONIC COMMERCE SYSTEMS

Prerequisite : MIS6123.

Survey of Web-based tools useful in electronic commerce. Examination of electronic commerce business issues.

Lect/Sem. 3 hrs. 3 hours credit

MIS7433 TECHNICAL INFRASTRUCTURE

Prerequisite : MIS6123 and MIS6113.

Principles of operating systems including memory management, virtual memory, disk scheduling, concurrent programming, distributed systems, CPU scheduling, design principles, real time OS and other operating systems concepts as they relate to information systems. Examines current real world operating systems including NT and UNIX with emphasis on project work.

Lect/Sem. 3hrs. 3 hours credit

MIS7443 SOFTWARE DEVELOPMENT II

Prerequisite: MIS7413 and permission.

Continuation of MIS7413, focusing on conventional and object oriented methods of software development.

Lect/Sem. 3 hrs. 3 hours credit

MIS7453 EXPERT SYSTEMS

Prerequisites: MIS5012.

Overview of the theory and structure of expert systems. Applications of expert systems to business cases.

Lect/Sem. 3 hrs. 3 hours credit

MIS 7493 TECHNICAL CAPSTONE

Prerequisite: MIS6123, MGT6153 OR MIS6153, MIS6113, and in the final nine hours of study. Cumulative course that integrates learning in software development, system analysis, database and other MIS courses.

Lect/Sem. 3 hrs. 3 hours credit

MIS7513 INFORMATION/DECISION MAKING

Prerequisite: MGT5012 and MIS6013.

This course introduces the information technologies for management support through business intelligence systems, focusing on OLAP and data mining. On completion of this course, students should be able to recognize the need for management decision support and business intelligence requirements beyond typical management information systems; understand the application of various information technologies for business intelligence that support transformation and analysis of massive amounts of transaction data; formulate and analyze the requirements for management decision support, and identify appropriate tools and techniques required of the implementation of business intelligence systems. Data mining involves the search for patterns in large quantities of data. This course covers the fundamental methodology and techniques used in data mining. The techniques addressed include, but are not limited to, clustering decision trees, neural networks, regression, and use of multiple predictive models. Software may be used to implement these techniques.

Lect./Sem. 3 hrs. 3 hours credit

MIS7523 ORGANIZATIONAL COMMUNICATION

Prerequisite: MIS6013 or equivalent.

Survey of organizational communications from a theoretical and practical perspective. Examination of how collaborative information systems can improve organizational communications.

Lect/Sem. 3 hrs. 3 hours credit

MIS7533 CONTRACTS, ETHICS AND INTELLECTUAL PROPERTY

Prerequisite: None.

Introduction to legal issues associated with information systems, focusing on intellectual property rights and the role of contracts. Examination of ethical frameworks useful in information systems.

Lect/Sem. 3 hrs . 3 hours credit

MIS7543 BUSINESS PROCESS MODELING

Prerequisite: MIS6013.

This course covers skills needed to model business processes in advance of implementing enterprise systems. Students will use Unified Modeling Language (UML) notation and data-flow diagrams to model business processes and systems requirements. Students will gain an understanding of object-oriented analysis and design principles and fundamental programming concepts.

Lect/Sem. 3 hrs . 3 hours credit

MIS7593 MANAGING INFORMATION TECHNOLOGY

Prerequisite: Completion of required core courses. Must be in the last nine hours of study. Strategic management of information technologies and process within an organization. Methods of identifying new trends and technologies and how they become part of an organization's strategic plan. Developing plans for implementing IS plans, including information systems cost/benefit, risk, and value/impact analysis.

Lect/Sem. 3 hrs. 3 hours credit

MIS7613 WEB PROGRAMMING

Prerequisites: MIS6013.

Introduction to popular web programming languages such as XHTML, JavaScript, VB script and ASP. Students will learn how to develop, program and design web pages and web sites. Students will also learn how to incorporate databases into their web sites using Active Server Pages and how to interact with Common Gateway Interface scripts on Web Servers.

Lect/Sem. 3 hrs. 3 hours credit

MIS7623 DATA WAREHOUSING AND ANALYSIS

Prerequisites: MIS6013.

This course examines how data is used in organizations to gain competitive advantage. Students will explore Data Warehousing, OLAP (On-Line Analytical Processing) and Data Mining and how these concepts are employed in various industries.

Lect/Sem. 3 hrs. 3 hours credit

MIS7633 E-COMMERCE INFRASTRUCTURE

Prerequisites: MIS6013.

Students investigate underlying infrastructure required for E-Commerce to succeed. Topics covered include Internet Security, web servers, IP networking and electronic payment systems.

Lect/Sem. 3 hrs. 3 hours credit

MIS7643 ENTERPRISE INTEGRATION

Prerequisites: MIS6013.

Overview of the linkages that connect organizational processes and how these are supported by Information Systems. Attention is paid to supply chain management, customer relationship management and enterprise resource planning.

Lect/Sem. 3 hrs. 3 hours credit

MIS7813 INFORMATION TECHNOLOGY RESEARCH METHODOLOGY

Prerequisites: DMIT admission.

Scientific methods of research including methods of investigation, hypothesis formulation, modeling and notations, model verification and validation as relevant to research in information technology are covered. Included is the formulation of a research proposal, determining appropriate methods of investigation and methods of validation.

Lect./Sem. 3 hrs. 3 hours credit

MIS7823 QUANTITATIVE METHODS I

Prerequisites: DMIT Admission.

Introductory course in statistics. The course covers quantitative methods and statistical techniques used in managing, manipulating and interpreting data and information in the IT field. Topics include statistical distributions, frequency distributions, Pareto distribution, analysis of variance, standard deviation, correlation, significance, numerical integration, tests of normality, linear regression, prediction interval, multiple regression, multiple regression interval, Gaussian method, sampling distributions, decision analysis, statistical inference, probabilities, Bayesian theory and time series analysis. A range of applications exemplify these methods and techniques relevant to IT projects.

Lect./Sem. 3 hrs. 3 hours credit

MIS7833 QUANTITATIVE METHODS II

Prerequisites: MIS7823.

Advanced quantitative methods and statistical techniques used in managing, manipulating and interpreting data and information in the IT field are covered. Study of advanced multivariate techniques include structural equation modeling, factor analysis and non-parametric statistics.

Lect./Sem. 3 hrs. 3 hours credit

MIS7843 MODELING AND SIMULATION

Prerequisites: MIS7833 and DMIT admission.

This course covers processes and methods for modeling and simulation of proposed solutions using appropriate software technologies. Approaches include the building of models to simulate behaviors, and designing of prototypes to demonstrate concepts. Skills are developed to apply automated tools in project case studies.

Lect./Sem. 3 hrs. 3 hours credit

MIS8000 INFORMATION TECHNOLOGY OUTCOME ASSESSMENT

Prerequisite: None.

Students will prepare and take standardized information systems certification examinations. Students must earn an acceptable score to successfully complete the course.

Lect./Sem. 0hrs. 0 hours credit

MIS8013 INFORMATION TECHNOLOGY LIFE CYCLE PROCESSES

Prerequisite: DMIT Admission, MGT 6153 or equivalent, Graduate course in Software Requirements Engineering or equivalent, graduate course in Software Management.

A comprehensive perspective of Information technology life cycle processes is taken as is needed in organizations to lead and manage such processes. Best practices in the field of IT as promoted by international standards organizations are covered. Skills required to lead and manage IT processes in the managerial, contractual, development and operational perspectives are provided. Supporting and organizational processes that sustain the primary life cycle processes are considered including skills to lead, manage, and participate in software process improvement initiatives within the organization.

Lect./Sem. 3 hrs. 3 hours credit

MIS8023 ADVANCED DATA MANAGEMENT

Prerequisite: DMIT Admission and MIS8013.

The course covers trends in advanced data management including data mining, data warehouse, OLAP (on-line analytical processing), and object-oriented database. Best practices in the areas object technology are covered and state-of-the-art development tools are used within the context of a business case and group projects.

Lect./Sem. 3 hrs. 3 hours credit

MIS8033 INFORMATION TECHNOLOGY LEADERSHIP AND MANAGEMENT

Prerequisite: DMIT Admission and MIS8013.

This Course gives an advanced treatment of current IT leadership and management issues in the global business arena, including the role of chief information officer (CIO) as a change initiator, outsourcing as a solution strategy, and Business Process Re-Engineering.

Lect./Sem. 3 hrs. 3 hours credit

MIS8043 INFORMATION TECHNOLOGY SYSTEMS ARCHITECTURE

Prerequisite: DMIT Admission, MIS8013 or MIS8023.

A comprehensive framework is provided for interpreting trends and drivers of information technology (IT) that influence that IT and systems architectures of an organization. A methodology for modeling the structure and behavior of such systems are used. Skills are acquired to use automated tools to design architectures.

Lect./Sem. 3 hrs. 3 hours credit

MIS8053 ADVANCED TOPICS IN INFORMATION TECHNOLOGY

Prerequisite: DMIT Admission.

An advanced treatment is given to the analysis and design of software systems, with special emphasis on concepts and techniques for mastering complexity of systems. Framework, design patterns and notations are covered to develop object-oriented solutions. Skills are developed to model solutions in the generic application domains.

Lect./Sem. 3 hrs. 3 hours credit

MKT5012 INTRODUCTION TO MARKETING

Prerequisite: None.

Lectures and cases examine and analyze the marketing process with special emphasis placed on the development of integrated approaches to management and control operational marketing problems. Components of the marketing mix:

product management, pricing, promotion, personal selling, buyer behavior, marketing channels, distribution and segmentation.

Lect/Sem. 2 hrs. 2 hours credit

MKT5013 INTRODUCTION TO ECONOMIC AND MARKETING PRINCIPLES

Prerequisite: None.

Marketing decisions and strategies are linked to economic principles. Economic concentration is the first area of focus in the overview course and serves to prepare the student for a better understanding of consumer behaviors in the marketplace. Understanding these behavioral traits will better facilitate marketing initiatives and strategies. The second part of this course will introduce the marketing process and key components of the marketing mix. This learning is validated with a integrated research opportunity.

Lect/Sem. 3 hrs. 3 hours credit

MKT6013 MARKETING AND CUSTOMER RELATIONS MANAGEMENT

Prerequisite: None.

Principles and concepts of marketing management. Analysis of the marketing environment, problems and opportunities. Development of objectives, plans, and strategies for the marketing function.

Lect/Sem. 3 hrs. 3 hours credit

MKT6023 INTERNET MARKETING /GLOBAL

Prerequisites: MKT5012 or MKT5013.

Students will explore the current trends in e-business marketing and communications and the use of the Internet as a new business venture versus a new medium for the communication strategy. Insight into online consumer behavior, Internet branding versus outer-net branding and business-to-business marketing will also be explored. The impact the boundary less Internet has had on the global economy will be integrated into the course.

Lect/Sem. 3 hrs. 3 hours credit

MKT6033 CUSTOMER RELATIONSHIP MANAGEMENT

Prerequisites:

Strategic use and value of customer relationship management systems, overview of available software solutions, and the effective deployment of CRM systems within the enterprise.

Lect/Sem: 3 hours. 3 hours credit

MKT7123 TOPICS IN MARKETING MANAGEMENT

Prerequisites: MKT6013.

Topic or topics of current interest in the marketing field. Course may focus on a single topic, or it may cover a wide variety of topics, at the discretion of the faculty member. Repeat enrollment for different topics is permitted.

Lect/Sem. 3 hrs. 3 hours credit

OPM6023 MANAGEMENT SCIENCE

Prerequisite: MGT5012.

Deterministic and stochastic analytical tools and concepts such as cost efficiency, service delivery, and where appropriate, profit. Analytic concepts include probability theory, statistics, and utility theory, linear models, linear programming, and network analysis.

Lect/Sem. 3 hrs. 3 hours credit

OPM6033 OPERATIONS MANAGEMENT

Prerequisite: MGT5012 or department approval.

All aspects of a manufacturing firm and service organizations from the manager's perspective. Decision making in designing, planning, scheduling and control activities. Introduces application of the various quantitative tools to the many and varied problems in production systems.

Lect/Sem. 3 hrs. 3 hours credit

OPM6113 INVENTORY MODELS WITH APPLICATION

Prerequisite: OPM6033.

Inventory models used by industry. Theoretical extensions of models currently used.

Lect/Sem. 3 hrs. 3 hours credit

OPM6123 QUALITY CONTROL TECHNIQUES

Prerequisite: OPM6033.

Comprehensive survey of quality control techniques presently used in industry. Positive and negative features of these techniques.

Lect/Sem. 3 hrs. 3 hours credit

OPM6133 MATERIALS, PROCESSES, AND FACILITIES MANAGEMENT

Prerequisite: OPM6033.

Managing technical aspects of the integration of industrial materials, processes and facilities.

Lect/Sem. 3 hrs. 3 hours credit

OPM6143 CASES IN OPERATIONS MANAGEMENT

Prerequisites: OPM6033, OPM6023, & OPM6123.

The "capstone" course. Case studies of operational environments. Students work jointly in teams and write individual short reports on cases they're not presenting. Course must be taken in the final 6 hours of a student's program.

Lect/Sem. 3 hrs. 3 hours credit

OPM6153 ENTREPRENEURSHIP AND VENTURE MANAGEMENT

Prerequisite: None.

Characteristics, behavior, skills and functions of the entrepreneur. Approaches to creating, evaluating, and launching, new ventures. Cases, field studies, and self-assessment used extensively.

Lect/Sem. 3 hrs. 3 hours credit

OPM6173 DISCRETE SIMULATION

Prerequisite: Advisor's Approval.

Simulation, modeling, and comparison with other problem solving techniques; simulation methodology including generation of random numbers and variables, time flow mechanisms, sampling considerations, and validation and analysis of simulation models and results; survey of discrete simulation languages; applications of simulations, including operating systems and networks.

Lect/Sem. 3 hrs. 3 hours credit

OPM6183 SERVICE SYSTEMS DESIGN

Prerequisite: OPM6033.

This course is designed to give the student an overview of the topics that are related to the "service" aspect of Operations Management. In addition, the course will provide the student with some standard systems designs of major service functions like hospitals, financial planning, retail markets etc.

Lect./Sem. 3 hrs. 3 hours credit

OPM6193 APPLICATIONS OF QUEUING THEORY

Prerequisite: OPM6033.

This course is designed to expose the student to a number of practical applications of the Queuing Theory (Waiting Line Models). While the majority of models will assume Poisson distribution for the arrival and service rates, other distributions for these variables will also be explored.

Lect./Sem. 3 hrs. 3 hours credit

OPM6211 DIRECTED STUDY OPERATIONS MANAGEMENT

Prerequisite: Permission.

Requires approval of a qualified full time faculty member and the Graduate Director prior to registration. Note: A directed study cannot be taken in lieu of any core course.

Lect./Sem. 1 hrs. 1 hour credit

OPM6212 DIRECTED STUDY- OPM

Prerequisite: Permission.

Requires approval of a qualified full time faculty member and the Graduate Director prior to registration. Note: A directed study cannot be taken in lieu of any core course.

Lect./Sem. 2 hrs. 2 hours credit

OPM6213 DIRECTED STUDY – OPM

Prerequisite: Requires approval of a qualified full time faculty member and the graduate director prior to registration.

Students design and execute an individual course of study in consultation with a faculty member. Note: A Directed Study cannot be taken in lieu of any core courses, and can only count once toward graduation.

Lect/Sem. 3 hrs. 3 hours credit

OPM6543 MSIO MASTERS PROJECT/THESIS

Prerequisite: Approval of qualified faculty member and graduate director prior to registration.

Student reviews and develops a thesis proposal which defines a topic of thesis research, outlines the scope and the degree

of abstraction and investigates issues raised in the operations management field. Upon acceptance, the student pursues in-depth research directed by an assigned thesis advisor. All papers must be approved by the advisor and presented before the dean or designated representative.

Lect/Sem 3 hrs. 3 hours credit

OPM7123 TOPICS IN OPERATIONS MANAGEMENT

Prerequisite: OPM6033 and permission of graduate director.

Topic or topics covered are of current interest in the operations management field. Course may focus on a single topic, or it may cover a variety of topics at the discretion of the faculty member. Repeat enrollment for different topics is permitted.

Lect/Sem. 3 hrs. 3 hours credit