

MANAGEMENT (MGMT)

MGMT 24056 BUSINESS ANALYTICS I 3 Credit Hours

(Equivalent to BMRT 21004) Introduction to concepts in statistical methods and their applications to real world problems. Examines both the theoretical and practical side of the different methods.

Prerequisite: MATH 11010 or MATH 11012 or MATH 12002.

Schedule Type: Laboratory, Lecture, Combined Lecture and Lab

Contact Hours: 2 lecture, 2 lab

Grade Mode: Standard Letter

MGMT 24163 PRINCIPLES OF MANAGEMENT 3 Credit Hours

(Equivalent to BMRT 11009) Introductory course in management and organizational design. The leading contributions in the area are reviewed and practical implications are developed. The course covers the principles that most management professors have come to expect in an introductory course: planning, organizing, leading, and controlling. In addition, the students need to be aware of critical issues managers must be aware of to succeed: diversity, globalization, ethics, technology, sustainability among them. The course serves as an introduction to many upper level business courses.

Prerequisite: Sophomore standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

MGMT 34054 USING INFORMATION SYSTEMS FOR SOLVING BUSINESS PROBLEMS 3 Credit Hours

Examine key concepts about information systems that are relevant for business managers. The focus will be on promoting an understanding of the use of IS in solving business problems. There will also be hands-on assignments. Course not open to Computer Information Systems majors.

Prerequisite: CIS 24053 or IT 11000; and cumulative 2.500 GPA.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

MGMT 34055 COMPUTER DECISION MODELING 3 Credit Hours

Introduces students to the scientific decision-making tools of operations research and management science, and also to the use of spreadsheet modeling for problem formulation and solution without the need for mathematics. The concepts of modeling and better decision making are stressed along with illustrations from the various functional areas of business. Course not open to Computer Information Systems majors.

Prerequisite: CIS 24053 or IT 11000; and MGMT 24056 or MATH 10041 or BMRT 21004; and cumulative 2.500 GPA.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

MGMT 34059 SERVICE OPERATIONS MANAGEMENT 3 Credit Hours

Provide students with the concepts and tools necessary to effectively manage service operations and to prepare students for management opportunities in service firms that represent the fastest-growing sector of the economy. The service management will be presented from an integrated viewpoint with a focus on customer satisfaction. The course materials are organized around four modules (1) understanding services (2) designing the service enterprise, (3) managing service operations and (4) toward world class-service.

Prerequisite: MGMT 34060 and cumulative 2.500 GPA.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

MGMT 34060 OPERATIONS MANAGEMENT 3 Credit Hours

A survey course in operations management that covers the managerial concepts and the quantitative tools used in the design, planning operation and control of operations systems.

Prerequisite: CIS 24053 or IT 11000; and MGMT 24056 or MATH 10041 or BMRT 21004.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

MGMT 34064 MANUFACTURING RESOURCE PLANNING 3 Credit Hours

Introduce students to the basic tools operations managers use to inform their decisions on a daily basis. The course involves hands-on coverage of manufacturing resource planning tools, including forecasting and master production schedules, bill of materials structuring, order entry and purchasing, capacity requirements planning, routing, costing, customer service, shipping, invoicing and using an enterprise resource planning (ERP) software.

Prerequisite: MGMT 34060; and cumulative 2.500 GPA.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

MGMT 34065 QUALITY ASSURANCE 3 Credit Hours

Introduction to importance of quality assurance and tools used to accomplish better quality in goods and services. Topics TQM, Six Sigma, quality philosophies, sampling plans and statistical process control, ISO, quality competition and awards.

Prerequisite: MGMT 34060; and cumulative 2.500 GPA.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

MGMT 34156 BUSINESS ANALYTICS II 3 Credit Hours

This course provides an introduction and application of business analytics to real-world problems. Specifically, students are exposed to methods and models that allows business users to make better decisions based on data. We discuss methods for collecting, cleaning, and visualizing data, linear, non-linear, and optimization models to help decision makers choose the best decision, and some advanced forms of modeling. The goal of this course is for students to be exposed to essential topics in business analytics, and to apply these techniques to real-world problems.

Prerequisite: BMRT 21004 or MATH 10041 or MGMT 24056.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

MGMT 34157 INTRODUCTION TO HEALTHCARE SYSTEMS MANAGEMENT 3 Credit Hours

Provides an overview of the management, economic and policy issues facing the healthcare, pharmaceutical, biotechnology and medical device industries. The course perspective is global, with emphasis on the U.S. as the largest and most profitable market.

Prerequisite: None.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

MGMT 34158 MANAGERIAL AND TECHNOLOGICAL ASPECTS OF HEALTHCARE SYSTEMS MANAGEMENT 3 Credit Hours

Introduce the main components of health care information technology, with emphasis on the components that distinguish the health care delivery system from other business enterprises. Prepares students as clinical managers and consultants who must rely upon or manage information technology to accomplish their objectives.

Prerequisite: MGMT 34157.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

MGMT 34159 MANAGING HEALTHCARE SYSTEMS OPERATIONS 3 Credit Hours

Operational process management, cost-control and productivity is critical to cost-effective healthcare. Covers topics in improving operations such as patient flow, quality (concepts and mechanics) and process improvement. Students become familiar with methods and resources for implementing change in a health care setting, such as a hospital or outpatient clinic. Provides skills to assess current hospital operations and to identify the appropriate tools to address various functional areas, useful for managers, consultants, clinical providers and others. Process improvement methods such as lean thinking, six sigma, statistical tools, flowcharting, queuing models and other tools are covered. Health care settings beyond the hospital, such as outpatient clinics, are included.

Prerequisite: MIS 34157.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

MGMT 34164 ORGANIZATIONAL MENTORING 3 Credit Hours

Course promotes leadership development through the study of leadership principles, styles, and role models. Students will learn through class lecture and discussion as well as hand-on leadership experience in Exploring Business Interactive Business Seminars (i.e., business labs). Students will work with course instructor to develop a personal leadership plan.

Prerequisite: BUS 10123; and overall 2.500 GPA; and special approval.

Schedule Type: Laboratory, Lecture, Combined Lecture and Lab

Contact Hours: 2 lecture, 2 lab

Grade Mode: Standard Letter

MGMT 34165 DYNAMICS OF LEADERSHIP 3 Credit Hours

This course discusses management and leadership concepts and does so by blending theory and practice. The courses uses case studies, practical application approaches, personal assessment and provides opportunities for students to develop individual and group leadership skills. In addition, many organizational behavior concepts are blended throughout the course.

Prerequisite: MGMT 24163 or BMRT 11009.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

MGMT 34175 LEARNING TO LEAD 3 Credit Hours

This is a hands-on learning and leadership course. Classroom time occurs over 4 days at a residential camp before the semester begins. Students learn about leadership from professors, experts in the field, and each other through interactive discussions and activities. During the semester students continue their leadership development working with a personal mentor, and practice their skills through community service projects.

Prerequisite: Special approval.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

MGMT 34185 INDIVIDUAL AND GROUP BEHAVIOR IN ORGANIZATIONS 3 Credit Hours

Determinants of individual and group behavior within work organizations. Topics covered include, motivation, job design, learning, decision making, leadership and group behavior as they relate to performance and other outcomes in work organizations.

Prerequisite: MGMT 24163 or BMRT 11009.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

MGMT 34280 ORGANIZATIONAL CHANGE MANAGEMENT 3 Credit Hours

This course focuses on understanding the processes and challenges involved in responsible organizational change management. The course will provide students a blend of both research and best practice professional applications.

Prerequisite: MGMT 24163 or BMRT 11009; and overall 2.500 GPA.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

MGMT 44009 THE BUSINESS CASE FOR SUSTAINABILITY 3 Credit Hours

The course lays the foundation for sustainable development and the balance issues between economic, social and environmental interests. It frames the business enterprise within the natural and social environments, and surveys a variety of intersection points and the challenges they pose. Systems thinking and long term perspective are used to understand the potential consequences of organizational choices regarding goals and strategies, given consideration of how the natural environment increasingly drives the business environment.

Prerequisite: Minimum 2.500 overall GPA; and Junior standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

MGMT 44061 OPERATIONS MANAGEMENT AND CONTROL 3 Credit Hours

Introduces the student to the key functions of an operations planning and control system. Operations planning and control systems provide information for the efficient flow of materials, the effective utilization of people and equipment and the proper coordination of internal activities with suppliers and customers.

Prerequisite: Minimum overall 2.500 GPA.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

MGMT 44062 SUPPLY CHAIN MANAGEMENT 3 Credit Hours

Students learn the basic analytical tools needed to coordinate business operations across the value chain. Course involves hands-on coverage of supply chain management with emphasis on supplier partnering and development, customer relations management, strategic sourcing and pricing, e-business, measuring supply chain performance, mass customization, planning supply and demand coordination in the supply chain.

Prerequisite: Minimum 2.500 overall GPA and Junior standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

MGMT 44065 STRATEGIES IN PRODUCTION AND OPERATIONS MANAGEMENT (WIC) 3 Credit Hours

Senior project in industrial management. Applies concepts from all prior coursework to the solution of real and simulated operating problems.

Prerequisite: Minimum overall 2.500 GPA.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

Attributes: Writing Intensive Course

MGMT 44096 INDIVIDUAL INVESTIGATION IN MANAGEMENT 3 Credit Hours

(Repeatable for credit) Presents opportunity to undertake research. Approval of topic and agreement to work with student must be secured from faculty member and the chairperson of the department prior to registration.

Prerequisite: Special approval.

Schedule Type: Individual Investigation

Contact Hours: 3 other

Grade Mode: Standard Letter

MGMT 44152 PROJECT MANAGEMENT 3 Credit Hours

This course covers the fundamental concepts, procedures and processes related to managing projects from initiation through planning, execution and closing. It also introduces the principles, tools and methods used in project management, and the use of project management software (ProjectLibre) in managing projects. The topics covered in the course can be helpful in preparing for Project Management Professional (PMP) certification.

Prerequisite: Minimum 2.500 overall GPA and Junior standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

MGMT 44163 GLOBAL BUSINESS MANAGEMENT (WIC) 3 Credit Hours

Provides an overview of contemporary issues and theoretical frameworks in the field of international strategic management using traditional lecture and practical application cases.

Prerequisite: Minimum C (2.000) grade in ENG 21011, COMM 15000 and MATH 11010; minimum 2.50 overall GPA; and Senior standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

Attributes: Writing Intensive Course

MGMT 44187 INTERNATIONAL MANAGEMENT EXPERIENCE 3 Credit Hours

This course focuses on strategy and policy development and execution for gaining and sustaining global competitive advantage. Strategic management of entrepreneurial and well-established firms, and operational and financial structures of international firms and markets are discussed.

Prerequisite: Minimum C (2.000) grade in MGMT 24163; minimum 2.500 overall GPA; and Sophomore standing and special approval.

Schedule Type: Lecture

Contact Hours: 9 other

Grade Mode: Standard Letter

MGMT 44191 SENIOR RESEARCH SEMINAR IN MANAGEMENT 3 Credit Hours

(Repeatable for credit) Combination of individual or group research and class discussion for superior students. Investigations in administration and organization conducted in accordance with scholarly interests of participants.

Prerequisite: Special approval.

Schedule Type: Seminar

Contact Hours: 3 other

Grade Mode: Standard Letter

MGMT 44192 INTERNSHIP IN MANAGEMENT (ELR) 3 Credit Hours

(Repeatable for credit) A supervised field experience requiring a minimum of 145 hours of work at a cooperating organization. Requires regular contact with instructor and preparation of an internship report connecting academic coursework to on the job experiences.

Prerequisite: MGMT 24163 with minimum C grade; and minimum 2.500 overall GPA; and special approval.

Schedule Type: Practicum or Internship

Contact Hours: 15 other

Grade Mode: Standard Letter

Attributes: Experiential Learning Requirement

MGMT 44284 MANAGEMENT CAPSTONE 3 Credit Hours

This course integrates various management concepts in informing a manager's strategic decision making process. Students use case analyses and class lectures to demonstrate their leadership abilities in different business scenarios.

Prerequisite: ACCT 23020 and ACCT 23021; ECON 22060 and ECON 22061; and MKTG 25010; and CIS 24053, MGMT 24056, MGMT 24163 and MGMT 34060; and FIN 26074 and FIN 36053; and minimum 2.500 overall GPA; General Business major; and Senior standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

MGMT 44285 INTEGRATED BUSINESS POLICY AND STRATEGY 3 Credit Hours

Integration of the functional areas of business in the formulation and implementation of policy. Projects and case analyses of business situations provide students with the opportunity to apply analytical and creative problem solving skills.

Prerequisite: ACCT 23020 and ACCT 23021 and ECON 22060 and ECON 22061 and MKTG 25010 and CIS 24053 and MGMT 24056 and MGMT 24163 and MGMT 34060 and FIN 26074 and FIN 36053; and minimum 2.500 overall GPA; and major within the College of Business Administration; and Senior standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

MGMT 44392 BUSINESS CONSULTING AND PRACTICUM (ELR) 3

Credit Hours

Provides decision-making tools for solving real-world problems by building synergies in prior knowledge to create a synthesis of real life solutions delivery mechanisms underpinning them to pressing problems of the local and international community. The practicum component includes consulting experience with both for profit and not-for-profit business clients.

Prerequisite: MGMT 24163; Minimum 2.500 overall GPA; and Senior standing.

Schedule Type: Practicum or Internship

Contact Hours: 15 other

Grade Mode: Standard Letter

Attributes: Experiential Learning Requirement

MGMT 44395 SPECIAL TOPICS IN MANAGEMENT 3 Credit Hours

(Repeatable for credit) Offered on a semester basis with different management topics and different faculty involved each time the course is offered.

Prerequisite: Minimum 2.500 overall GPA and Junior standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter