

MANAGEMENT (MGMT)

Courses

MGMT 3100 (3) Operations Management

Examines concepts, tools and techniques used in the management of service operations. Focuses on how firms add value and compete with high quality and efficient services. Emphasizes the use of models for designing new products services and improving the effectiveness of service processes. Studies the application of technology in the context of productivity, growth and the globalization of manufacturing and services.

Requisites: Requires a prerequisite course of BASE 2104 (minimum grade D-). Restricted to Business (BUSN) majors with 52-180 units completed.

MGMT 3201 (3) Business Analytics

Teaches cutting-edge tools and approaches to the analysis of data, including "big data" for effective decision-making. Creates data connoisseurs through hands-on exposure to exploratory and predictive analytics. Application areas covered include Web Marketing, the Internet of Things, Biometric Monitoring, as well as data integration and analysis for online marketing, human resources and operations.

Equivalent - Duplicate Degree Credit Not Granted: MKTG 3201 BAIM 4120

Requisites: Requires prerequisite course of BASE 2104 (minimum grade D-). Restricted to Business (BUSN) majors with 52-180 units completed.

MGMT 3800 (3) Consulting Skills

Provides students with skills to understand, diagnose and solve problems that businesses face. Strong focus on action learning, so emphasizes case analyses, project based learning and exposure to models used in the consulting world. Features interactions with consultants from some of the top firms in the world, such as McKinsey.

Requisites: Restricted to Business (BUSN) and Engineering (ENGR) students with 26-180 units completed.

MGMT 4110 (3) Supply Chain Management

Explores the key issues related to the design and management of supply chains. Covers the efficient integration of suppliers, production facilities, warehouses, and stores so that the right products in the right quantity reach customers at the right time. Focuses on the minimization of the total supply chain cost subject to service requirements imposed by a variety of industries.

Equivalent - Duplicate Degree Credit Not Granted: EMEN 4110

Requisites: Requires prerequisite course of BASE 2104 or BCOR 2500 (minimum grade D-). Restricted to Business (BUSN) majors with 52-180 units completed.

MGMT 4120 (3) Managing Business Processes

Covers the concepts and tools to design and manage business processes. Emphasizes modeling an analysis, information technology support for process activities, and management of process flows. Graphical simulation software is used to create dynamic models of business processes and predict the effect of changes. Prepares students for a strong management or consulting career path in business processes.

Equivalent - Duplicate Degree Credit Not Granted: EMEN 4120 and MGMT 5120

Requisites: Requires prerequisite course of BASE 2104 or BCOR 2500 (minimum grade D-). Restricted to Business (BUSN) majors with 52-180 units completed.

MGMT 4130 (3) Sustainable Operations

In the last 20 years or so, there has been a revolution in the way that people think about the planet and the roles that business, industry, and individuals have in maintaining it. Sometimes it's called sustainability, sometimes the triple-bottom-line, but whatever the terminology, the realities of expanding economies, a growing population, and global warming are prying open our minds and forcing/enabling us to work in a way that is anything but business-as-usual. The challenges are numerous, complex, and daunting. But in the final analysis, business is such a powerful engine that, when fueled by the strategies of sustainability, it presents us with a realistic and hopeful path forward. MGMT/CESR 4130, Sustainable Operations, will explore the new and rapidly evolving field of sustainability within the context of business operations in sectors like energy, transportation, food, sports and fashion, and will equip students with real-world examples, tools, and new ways to think about work.

Equivalent - Duplicate Degree Credit Not Granted: CESR 4130

Requisites: Requires a prerequisite course of BASE 2104 (minimum grade D-). Restricted to Business (BUSN) majors with 52-180 units completed.

MGMT 4140 (3) Project Management

Introduces multidisciplinary project management concepts, skills, and tools, including the relationship between project definition, organization, planning, scheduling, resource and risk management, control, costing and performance. Presents both qualitative and quantitative tools for better project management.

Requisites: Requires a prerequisite course of BASE 2104 (minimum grade D-). Restricted to Business (BUSN) majors with 52-180 units completed.

MGMT 4150 (3) International Operations Management

Compares systems of production/operations management in the United States with those in Japan, Europe and Asia. Contrasts various regional and national approaches to business, quality management, labor practices, management styles, international competitiveness, productivity, distribution systems, trade practices and strategies for penetrating foreign markets. Examines different sociocultural environments, government-business relationships, banking industries, operations strategies and the potential for transferring industrial management practices and techniques between countries.

Requisites: Requires prerequisite course of BASE 2104 or BCOR 2500 (minimum grade D-). Restricted to Business (BUSN) majors with 52-180 units completed.

MGMT 4160 (3) Managing Growth: Entrepreneurship and High Growth Ventures

This is a course about how to grow a business beyond the start-up stage. The course will focus on businesses that are not small by design, but on those businesses that with hard work and good luck can be expected to develop into complex enterprises. We will discuss the initial decisions that set a foundation for growth, the pros and cons of alternative growth strategies, organizational scaling tactics, and the keys to realizing value.

Requisites: Requires prerequisite course of BASE 2104 or BCOR 2500 (minimum grade D-). Restricted to Business (BUSN) majors with 52-180 units completed.

MGMT 4200 (3) Competitive Strategy

Provides students with the foundational skills related to competitive strategy. Tools and techniques associated with this course will enable students to understand the fundamentals of why one firm outperforms another through understanding the fundamentals of superior performance at the business unit level. Examples of specific learning objectives: develop an understanding of fundamentals of what is strategy, foundations of competitive advantage.

Requisites: Requires prerequisite course of BASE 2104 or BCOR 2500 (minimum grade D-). Restricted to Business (BUSN) majors with 52-180 units completed.

MGMT 4400 (3) Quality Management

Examine the concepts, tools, and techniques used in managing and measuring quality and productivity in business. Topics include foundational concepts of quality, customers, the workforce, and processes. Apply the tools and techniques associated with the quality sciences, including statistical methods, design quality, measurement, control, process improvement, six sigma. Discover the basics of performance excellence management, Baldrige Award criteria, strategic planning, leadership, and daily management. Specific examples, case studies from modern companies will be studied.

Equivalent - Duplicate Degree Credit Not Granted: EMEN 4400

Requisites: Requires a prerequisite course of BASE 2104 (minimum grade D-). Restricted to Business (BUSN) majors with 52-180 units completed.

MGMT 4440 (3) Privacy in Big Data Analytics

Privacy = the new currency. In a time where technology allows unprecedented aggregation of personal information use of "private" information is moving faster than social norms and laws can follow. We will dissect the technologies and social trends related primarily to privacy and use of information about individuals to reap profits. A good complement to business intelligence and analytics classes.

Equivalent - Duplicate Degree Credit Not Granted: CESR 4440

Requisites: Requires a prerequisite course of BASE 2104 (minimum grade D-). Restricted to Business (BUSN) majors with 52-180 units completed.

MGMT 4820 (3) Decision Analytics

This course prepares students to thrive in analytics-driven organizations. Students will explore the capabilities and challenges of data-driven business decision making. The course will introduce a set of common analytics tools. Students will have opportunities to apply the analytics tools to business problems based on practical data sets from various companies. Excel spreadsheet and several other software packages will be used extensively in the course. The class will be conducted with a combination of lectures, case discussions, lab sessions, and student presentations. Grading will be based on several problem sets, exams, case reports, and a final project.

Equivalent - Duplicate Degree Credit Not Granted: MGMT 5820

Requisites: Requires a prerequisite course of BASE 2104 (minimum grade D-). Restricted to Business (BUSN) majors with 52-180 units completed.

MGMT 4825 (3) Experimental Seminar

Offered irregularly to provide opportunity for investigation of new frontiers in Management.

Requisites: Restricted to Business (BUSN) majors with 52-180 units completed.

MGMT 4850 (3) Senior Seminar in Management

Covers the issues and challenges of running a firm in a competitive environment. It integrates and builds upon coursework in other functional areas. Discusses principles, frameworks, and techniques that helps understand how to analyze the competitive environment; firm sources of competitive advantage; competitive dynamics; and, specific types of strategies to promote firm performance. Focuses on specific company examples. Formerly MGMT 4000.

Requisites: Requires prerequisite course of BASE 2104 (minimum grade D-). Restricted to Business (BUSN) majors with 90-180 units completed.

MGMT 4900 (1-3) Independent Study

Intended only for exceptionally well qualified business seniors. Departmental form required. Instructor consent required.

Repeatable: Repeatable for up to 6.00 total credit hours.

MGMT 4910 (3) OPIM Academic Internship

Internship component of the OPIM certificate. Offers students the opportunity to gain professional work experience in a management position while still in school. Provides academically relevant work experience that complements students' studies and enhances their career potential. Students must have completed one OPIM course prior to enrolling in the course. An Internship the semester of the course is required.

Requisites: Requires prerequisite courses of BASE 2104 and one of the following: BAIM 3200, 3210, 3220, 4065, 4090, 4205, 4220, 4230, 4250, MGMT 3100, 4110, 4120, 4130, 4140, 4500, or MKTG 3700 (all min grade D-). Restricted to students with 52-180 units completed.

MGMT 5820 (3) Decision Analytics

This course prepares students to thrive in analytics-driven organizations. Students will explore the capabilities and challenges of data-driven business decision making. The course will introduce a set of common analytics tools. Students will have opportunities to apply the analytics tools to business problems based on practical data sets from various companies. Excel spreadsheet and several other software packages will be used extensively in the course. The class will be conducted with a combination of lectures, case discussions, lab sessions, and student presentations. Grading will be based on several problem sets, exams, case reports, and a final project.

Equivalent - Duplicate Degree Credit Not Granted: MGMT 4820

Requisites: Requires a prerequisite course of BASE 2104 (minimum grade D-). Restricted to Business (BUSN) majors with 52-180 units completed.

MGMT 8900 (1-3) Independent Study

Requires consent of instructor under whose direction study is taken. Departmental form required.

MGMT 8990 (1-10) Doctoral Dissertation

Work with a faculty advisor on a doctoral thesis. Student should have passed comprehensive exam before registering for doctoral thesis hours.

Requisites: Restricted to graduate students only.