

MANAGEMENT (MGTU)

MGTU 240 Selected Topics in Management

Prerequisite: Dean approval.

This course covers special topics related to management and/or business studies. This course may be repeated for up to 9 credits provided the course topics are different. 1-3 credits.

MGTU 301 Principles of Management

This course examines the general systems theory; evolution of management theory; and interpersonal behavior in business organizations. Specific topics include motivation, leadership, value attitudes and organizational development. 3 credits.

MGTU 310 Legal Environment of Business

This course is designed to provide business students with foundational knowledge about the legal and regulatory environment in which US businesses operate. Students will be tasked to (1) apply principles of law to different scenarios and real world cases; (2) reflect on the legal and ethical side of business decisions and express their ideas through verbal, oral and visual communication; and (3) develop a recommendations report on a business case. 3 credits.

MGTU 315 Operations Management

Prerequisite: MATU 203.

Operations management focuses on the systematic planning, design, and operation of all processes required for the production of goods and the delivery of services. Thus, operations management spans almost all the real value-added activities of an organization including product and process design, customer order management, production, and service delivery. 3 credits.

MGTU 320 Strategies Across the Supply Chain

Strategic management of supply chains is presented in this course with emphasis on the topics of supply chain capabilities, risk management, CSR principles, collaborative innovation, strategic sourcing, logistics strategy, and value network management. The concept of responsive or efficient supply chain design is developed, to prepare students for management challenges in a wide range of industries. 3 credits.

MGTU 321 Project Management and Supply Chain Leadership

Design of supply chain processes is presented in this course with emphasis on cross functional project management, management of supply chain processes, procurement management, logistics system design, risk management, performance management, analysis and improvement. Definitions and metrics are developed for success in driving continuous improvement in supply chain systems. 3 credits.

MGTU 340 Selected Topics in Management

Prerequisite: Dean approval.

This course covers special topics related to management and/or business studies. This course may be repeated for up to 9 credits provided the course topics are different. 1-3 credits.

MGTU 400 Global Environment of Business

This course will provide students with essential knowledge about globalization principles, diversity and cultural issues and trends that affect the way organizations enter the international market and become global players. Students will explore globalization through case and events analyses; research thoroughly a country of their choice; and develop a business proposal for global expansion of a US company. 3 credits.

MGTU 410 Strategic Management

Prerequisites: MATU 203, FINU 305 and MG TU 301.

This course is designed to support leaders to identify, achieve, and sustain a competitive advantage for their organizations. Students will learn how to perform various strategic analyses, how to make data-driven strategic choices, and how to assess the effects of strategic choices on the organization and its environment. 3 credits.

MGTU 411 Foundations in Artificial Intelligence

This course introduces foundational AI concepts and focuses on their application in organizations with an emphasis on predictive analytics, natural language processing, and intelligent automation. Students will develop critical decision-making and management skills to integrate AI tools effectively into strategic planning, operations, and innovation. 3 credits.