

NEW MBA COURSE OFFERING, SUMMER 2007

INFO 577: Selected Topics: Logistics and Supply Chain Management

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Course Description:

This course will give you a comprehensive and practical knowledge of logistics and supply chain management within the context of a highly stimulating, challenging and exciting learning environment. Specifically, you will gain:

- ✚ an in-depth understanding of logistics and supply chain management and their importance to contemporary businesses, including the need to manage and plan supply chains within an overall business environment in an integrated manner
- ✚ the necessary technical knowledge relating to the key components of logistics and supply chain management
- ✚ the analytical and managerial skills necessary to successfully apply this knowledge
- ✚ Other modern management skills, such as decision support systems, expert systems, data mining, and knowledge management if time allows

Course Objectives:

Study the components of the entire supply chain. Emphasis on collaboration and planning related to major functional areas required to organize the flow of products from inception through delivery to satisfy final customer needs. Information and communication technology as an enabler of supply chain management strategies is also discussed.

The content of the course reflects the importance of the supply chain concept and is designed to emphasize the integrative nature of logistics.

The core elements:

- ✚ Logistics and the Supply Chain Concept
- ✚ Procurement Strategies and Strategic Sourcing
- ✚ Information Systems and e-Business
- ✚ Risk Pooling
- ✚ Supply Chain Process Redesign
- ✚ Dynamic Pricing and Revenue Management Tactics
- ✚ Mitigation of Supply Chain Risk through Supply Contracts
- ✚ Warehousing
- ✚ Management and Operation of Third Party Logistics Providers
- ✚ Decision-Support Systems for SCM
- ✚ Demand and Inventory Planning
- ✚ International Logistics
- ✚ Management of Supply Chain Security