DSO 482 – *Supply Chain Management*

Section 16237

Professor
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When
Tuesdays/Thursdays 4:00-5:50pm

Office
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Units
4.0

WHY TAKE THIS COURSE?

Recent events such as Covid-19 pandemic, product shortages, port congestions, and trade wars have put supply chain management at the forefront of skills employers seek. This course focuses on management and improvement of supply chain processes and performance. You will learn about various pieces of a supply chain, optimizing strategies, managing risks, and analytical tools to inform supply chain decisions. It will be valuable for students who would like to pursue a career in consulting or take a position in operations, marketing or finance functions in a manufacturing or distribution firm.

COURSE OBJECTIVES

- Analyze supply chains strategies, designs and structures
- Interpret and utilize supply chain data/information to make informed decisions
- Measure supply chain performance
- Recognize & address ethical and sustainability issues in supply chains

KEY CONCEPTS

- Supply Chain Strategy
- Distribution Network Designs
- Supply Chain Coordination
- Sales and Operations Planning
- Inventory Management and MRP
- Risks and Disruptions in Supply Chains
- Corporate Social Responsibility
- Reverse Logistics and Closed Loop Chains.

COURSE DESCRIPTION

We explore important supply chain metrics, primary tradeoffs in making supply chain decisions, and basic tools for effective and efficient supply chain management, production planning and inventory control, order fulfillment and supply chain coordination. We will also investigate topics such as global supply chain design, logistics, and outsourcing. Several other recent supply chain innovations and events such as the Covid-19 pandemic, supply shortages, changing global political landscape and trade wars will be discussed.