

LOGISTICS AND OPERATIONS MANAGEMENT (LOM)

LOM 100 (3 credit hours)

Introduction to Logistics Management

Presents an overview of general logistics concepts and organizational issues; inventory management and customer service in logistics; and transportation and third party logistics. Lecture: 3.0 credits (45 contact hours).

Attributes: Technical

Components: LEC: Lecture

LOM 101 (3 credit hours)

Transportation Management

Presents an overview of the role of transportation and pricing issues; transportation modes and terminals; and transportation risk management and global management issues. Lecture: 3.0 credits (45 contact hours)

Pre-requisite: LOM 100.

Attributes: Technical

Components: LEC: Lecture

LOM 102 (3 credit hours)

Supply Chain Management

Presents an overview of supply chain management and financial analysis; inventory management skills and techniques; and supply chain design and sustainability solutions. Lecture: 3.0 credits (45 contact hours).

Pre-requisite: LOM 100.

Attributes: Technical

Components: LEC: Lecture

LOM 180 (3 credit hours)

Project Management

Introduces practical approach to managing essential resources, people, and deadlines, and real-world challenges required to bring any project in on time, on target, and on budget. Covers skills and concepts of essential project management processes, defining requirements, schedules, risk management assessment, change control, and project management software applications. Provides students with a practical approach to developing projects with opportunities to apply skills and elements by completing activities based upon real-time projects and case studies. Lecture: 3.0 credits (45 contact hours).

Pre-requisite: Digital literacy or consent of instructor.

Attributes: Technical

Components: LEC: Lecture

LOM 202 (3 credit hours)

Applied Supply Chain Management

Provides an understanding of the importance of individual components (supplies, manufacturers, distributors, and customers) in the operation of a supply chain. Lecture: 3.0 credits (45 contact hours).

Pre-requisite: LOM 102.

Attributes: Technical

Components: LEC: Lecture

LOM 210 (3 credit hours)

Lean for Logistics

Introduces students to the principles and practices of lean operations in relation to the field of logistics. Incorporates a lean simulation activity and examples from lean practitioners in the management of supply chain operations. Discusses core lean principles with an emphasis on work cells and Just In Time (JIT) practices. Lecture: 3 credits (45 contact hours)/

Pre- or co-requisite: LOM 100 Introduction to Logistics Management.

Attributes: Technical

Components: LEC: Lecture