

# Materials & Operations Management (FMO-4763)

The Fundamentals of Materials and Operations Management program offers an exciting classroom based, instructor-led educational opportunity for people new to materials and operations management—or people working in positions that interact with this field. Fundamentals introduces essential manufacturing terminology, skills and principles for more effective planning, inventory control, material requirements planning, and strategic decision making.

Participants gain practical, essential skills that help them become more effective and productive in their jobs. The four-module format of the course teaches basic concepts, techniques, and terminology. For professionals aspiring to APICS & ISCEA certification, Fundamentals establishes a solid entry-level base of knowledge upon which to build. The information below will enable you to gain knowledge on four modules of Fundamentals based on your area of interest.

## **Module 1: Fundamentals of Inventory Control:**

This course introduces essential vocabulary and skills identifying and applying the basic principles of inventory management. Basic methods of planning and controlling inventory in manufacturing, institutional, distribution and retail environments are covered. The questions of what to stock are addressed through an examination of current and evolving technologies of inventory management.

DATES: 2 Days (8:30 am - 4:30 pm)

**August 5 - 6, 2004**

FEE: \$295      Location: Hilton - Beachwood, OH

## **Module 2: Fundamentals of Planning:**

This course teaches participants the principles of effective planning. The course present the concepts of planning at each level, from the strategic to tactical. Participants work together to solve problems, develop plans, build teams, and present solution.

DATES: 2 Days (8:30 am - 4:30 pm)

**August 12 - 13, 2004**

FEE: \$295      Location: Hilton - Beachwood, OH

## **Module 3: Fundamentals of Manufacturing Control:**

This course deals with priority and capacity management through the use of material requirements planning (MRP), capacity management, capacity requirements planning (CRP), production activity control (PAC), and Just-in-Time (JIT). This course explores the execution of the production plan and master production schedule, reactions to capacity constraints, and maintenance of individual order control.

DATES: 2 Days (8:30 am - 4:30 pm)

**August 19 - 20, 2004**

FEE: \$295      Location: Hilton - Beachwood, OH

## **Module 4: Fundamentals of Operations Management:**

This course is concerned with the design of system to produce goods and service and the operation of those systems. It discusses relationships within the company environment, particularly with marketing and product design. Topics covered include facilities planning, total quality management (TQM), cost analysis, project planning, and operation resource management.

DATES: 2 Days (8:30 am - 4:30 pm)

**August 26 - 27, 2004**

FEE: \$295      Location: Hilton - Beachwood, OH

**Must have  
Materials & Operations  
Management  
knowledge in  
Just 4 weeks!**

**Register for All 4  
Modules  
for the Price of 3.**

Must register and pay for 3 at the same time before July 31, 2004.

**Register Two weeks  
prior to start of any  
class and take a  
10% discount!**

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used for all 4  
workshops that you  
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