

APICS CERTIFIED IN PRODUCTION AND INVENTORY MANAGEMENT – CPIM PART 1



LovecchioConsulting



Innovation in Operations Management

This course develops the necessary competencies of operations and supply chain management by APICS, the worldwide leading professional association for supply chain and operations management.

COURSE FOR APICS CPIM – PART 1



Benefits

This course prepares for the exam of the CPIM1 program, the first step to get the CPIM certification by APICS (www.apics.org) the worldwide leading professional association for supply chain and operations management. It is a recognition that facilitates the adoption of a common language and the acquisition of basic competencies in operations and supply chain management, to get a sound capability of problem solving with best practices and effective communication.

Basic contents

Basics of Supply Chain Management

Fundamentals

- **Introduction to Supply Chain Management**
 - *The components of the manufacturing business model.*
 - *The five manufacturing environments and their determinants.*
 - *Supply chain definition and models*
- **Demand Management**
 - *Marketing management and customer relationship management.*
 - *Role and objectives of demand planning, such as forecasting and customer order management*
- **Master Planning**
 - *Importance of the priority plan*
 - *Sales and Operations Planning (S&OP)*
 - *Master Scheduling*
- **Material Requirements Planning**
 - *MRP environment and logic*
 - *Bill of materials*
 - *Managing the priority plan*
- **Capacity Management and Production Activity Control**
 - *Load and capacity calculation*
 - *The capacity requirements planning*
 - *Bottlenecks, flow control, etc.*
- **Aggregate Inventory Management and Item Inventory Management**
 - *Functions of inventory*
 - *Financial statements of inventory*
 - *When and how much to order.*
- **Purchasing and Physical Distribution**
 - *Purchasing process*
 - *Selecting and managing suppliers*
 - *Distribution Requirements Planning.*
- **Lean and Quality System**
 - *Productivity and quality systems*
 - *Lean basics*
 - *Total quality management tools*
- **Theory of Constraints**
 - *Managing the constraints*
 - *Planning and scheduling*
 - *The five focusing steps.*

Who should attend

- Production managers
- Logistics managers
- Buyers and planners
- Professionals in logistics and production
- Anybody who wants to earn an operations management certificate

Instructor

Giuseppe Lovecchio, CPIM-F, CSCP, ACPF
APICS Master Instructor.
More than 4000 education hours already delivered to managers and executives
www.linkedin.com/in/giuseppelovecchio

Duration and delivery mode

- Four days
- Sessions in english, french or italian
- In-company or in class
- The course is composed by the above contents, with english documentation.

Documentation

The course includes the necessary documentation to be effectively prepared (participant guide + books, etc.).

At the end of the course a certificate of attendance will be delivered by an APICS Master Instructor.

It is possible to test free of charge the course with a fifteen-minute introductory session, booking at e-mail: info@lovecchioconsulting.it or calling at n. +39 080 74 27 74 / cell. +39 340 17 12 110.

Other courses for specific needs are available, also in english, french or italian.