Global Horizon
TRAINING CENTER

Training Course:
Production, Planning, Scheduling and Control

9 - 13 August 2027
Lisbon (Portugal)

Training Course:
Production, Planning, Scheduling and Control

Training Course code: LS234672 From: 9 - 13 August 2027 Venue: Lisbon (Portugal) - Training Course Fees: 6050 Euro

Introduction

Effective production planning, scheduling, and control are essential for organizations seeking operational excellence, cost efficiency, and high productivity in today's competitive business environment. Modern production and operations management focuses on optimizing resources, improving workflow efficiency, maintaining quality standards, and delivering maximum value to customers and stakeholders.

This program is designed to provide participants with practical knowledge and analytical tools to manage production systems, scheduling activities, operational planning, and process control effectively. The course combines strategic concepts with practical applications to help professionals improve operational performance, reduce waste, and support continuous improvement initiatives across manufacturing and service environments.

Course Objectives

By the end of this training program, participants will be able to:

- Understand the fundamentals of production, planning, scheduling, and control.
- Integrate production planning with organizational and operational strategies.
- Apply forecasting techniques to support production and operations decisions.
- Improve operational efficiency through effective scheduling and capacity planning.
- Understand production systems and process optimization techniques.
- Apply inventory and quality control strategies effectively.
- Enhance coordination between production, marketing, purchasing, and supply chain functions.
- Utilize modern production and operations management techniques to improve productivity and reduce costs.

Target Audience

- Production Managers
- Operations Managers
- Process and Manufacturing Engineers
- Supply Chain and Logistics Professionals
- Production Planners and Schedulers
- Quality Control and Assurance Professionals
- Project Managers
- Senior Managers and Operations Executives

- Business and Operations Analysts

5-Day Training Outline

Day 1: Fundamentals of Production and Operations Management

- Introduction to production and operations management
- The role of production within the organization
- Forecasting techniques for production planning
- Linking operations with marketing and business strategy
- Production management in manufacturing and service sectors
- Financial considerations in operations management

Day 2: Product and Service Planning

- Product and service design principles
- Understanding customer requirements and market expectations
- Product variety and value creation
- Quality management in production and service operations
- Reliability and performance considerations
- Aligning operational and competitive strategies

Day 3: Process Design and Improvement

- Production and operating systems design
- Manufacturing systems and workflow optimization
- Process analysis and improvement techniques
- Work measurement and method study
- Quality measurement and control standards
- Continuous improvement and operational efficiency

Day 4: Scheduling and Operational Control

- Production scheduling methods and techniques
- Capacity planning and resource allocation
- Operations control tools and techniques
- Inventory management strategies
- Forecasting for operational decision-making
- Managing production constraints and bottlenecks

Day 5: Managing Production Performance

- Purchasing and materials management strategies
- Manufacturing planning and control systems
- Performance measurement and operational KPIs
- Team coordination and workforce management
- Problem-solving and operational decision-making
- Best practices for operational excellence and continuous improvement

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Registration form on the Training Course: Production, Planning, Scheduling and Control

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

Delegate Information

Full Name (Mr / Ms / Dr / Eng): .....
Position: .....
Telephone / Mobile: .....
Personal E-Mail: .....
Official E-Mail: .....

Company Information

Company Name: .....
Address: .....
City / Country: .....

Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): .....
Position: .....
Telephone / Mobile: .....
Personal E-Mail: .....
Official E-Mail: .....

Payment Method

☐ Please find enclosed a cheque made payable to Global Horizon

☐ Please invoice me

☐ Please invoice my company

Easy Ways To Register

Telephone: +201095004484 to provisionally reserve your place.	Fax your completed registration form to: +20233379764	E-mail to us : info@gh4t.com or training@gh4t.com	Complete & return the booking form with cheque to:Global Horizon 3 Oudai street, Aldouki, Giza, Giza Governorate, Egypt.