

Duration: **10.5 days (73 h)**

Dates: **see our website**

Location: **20 rue Danjou, 92100 Boulogne-Billancourt**

Number of participants: **10 to 12**

Language : **English**

PUBLIC CONCERNED

- Industrial, Production or Supply Chain Managers
- Operations managers, industrial logistics managers, planning, production management.
- Supply Chain Project Managers, Operational Excellence Managers, Supplier Development Programme Managers, Procurement Managers.
- Integrators of software solutions and consultants in industrial management.

PREREQUISITES

- Have an ASCM profile (ASCM ID)
- Fluency in spoken and written English (materials and exam in English).
- Mastery of the fundamentals of the Supply Chain.
- Minimum 3 years experience in operations management and/or flow management.
- Level of education: Bac + 2 or equivalent and ability to organise personal work for the exam.

TERMS AND CONDITIONS AND DEADLINES FOR ACCESS

- Inter-company: register at least 10 days before the start of the session (registration on www.galia.com)
- Intra-company: organisation within a minimum of 4 weeks (flexible according to needs, from 10 people: contact us).

Access to the webclasses via the Teams video conferencing tool. The trainee will be able to carry out the training from his workstation. For any technical questions related to the workstation, he/she can contact the IT department of his/her company. For all technical or pedagogical questions concerning the training module, the trainee can contact the trainer directly. An answer will be given during the session or at the latest within 48 hours.

TECHNICAL MEANS

- Air-conditioned training room
- Large screen
- Paperboard and magnetic whiteboard
- Wifi connection
- Material to be brought by participants: laptop with Excel

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

People with disabilities are invited to contact us directly to discuss the possibilities of following the training.

OBJECTIVES

At the end of this programme, the learner will be able to :

- Align the supply chain configuration with the business strategy
- Lead the Sales & Operations Planning (S&OP) process in line with the company strategy
- Plan and manage demand
- Plan and manage Operations/Production
- Manage industrial flows and associated stocks
- Plan, manage and monitor the execution of internal and external orders once they have been scheduled
- Plan and manage distribution
- Manage quality, continuous improvement and technologies associated with Operations

METHODS AND TEACHING AIDS

- Face-to-face, facilitated by a certified trainer
- Distance learning, facilitated in Webclasses by a certified trainer
- E-learning, self-learning modules on Akorium platform
- Simulation/educational game (Synchro Lean, Bear Game)
- Case study
- Group work/activities
- Videos
- Sharing experiences
- Application exercises

Personal work, between course sessions, is estimated at 50 hours (pre-reading, revision and online resources).

ARRANGEMENTS FOR MONITORING THE IMPLEMENTATION OF THE ACTION

Attendance sheets signed by the trainees and the trainer(s) provide proof of the action's completion.

ASSESSMENT PROCEDURES

- Quizzes on the different sessions, intermediate and final test.
- Passing the APICS CPIM certification. The participants manage the

TRAINER PROFILE(S)

Bertrand GODDE, Nicolas VAREILLAS and/or Gérald MENDES :

- APICS accredited trainers, who have completed a training course in training techniques.
- Experts in Supply Chain Management and Lean Management.
- Industrial experience > 15 years.
- Expertise in supporting the implementation of methods and techniques.
- Higher education.

RATES

GALIA members: €4,650 excl. VAT

Non GALIA members: €4 950 € VAT

CONTACT:

Sylvie JEAN

Email: florimond-jean@galia.com

PROGRAMME

Module 000	Module 005	Module 010	Module 020	Module 030	Module 040	Module 050
Introduction au Programme et Plateformes d'apprentissage	The Fundamentals of Supply Chain Operations Management	Master Planning of Resources	Detailed Capacity Scheduling, Supply & Distribution	Execution Operations & Continuous Improvement	Quality, Continuous Improvement & Strategic Management of Resources	Préparation examen CPIM



Webclass 0	Module 000	Introduction to the programme and learning platforms
Day 1	Module 005	The Fundamentals of Supply Chain Operations Management <ul style="list-style-type: none"> - Introduction of the class - Inventory management - Introducing Synchronized Planning (Synchro Lean simulation) - Demand Management
		<ul style="list-style-type: none"> - Background on S&OP - Reminders on the Master Schedule - Reminder on Net Requirements Planning (NRP) - Reminder on Scheduling
Sequence of 7 sections of courses in a flipped classroom mode: remote preparation (1h30 per section), carried out by the learner himself in e-learning.		
Webclass 1	Module 010	Activities & tests <ul style="list-style-type: none"> - Customers - Marketing and Product Management - Source of Demand
Webclass 2		Activities & tests <ul style="list-style-type: none"> - Forecasting - Forecasting Performance
Webclass 3		Activities & Tests <ul style="list-style-type: none"> - Sales & Operations Planning (S&OP) Roles and Process - Aggregate Demand and Supply Plans
Webclass 4		Activities & tests <ul style="list-style-type: none"> - Reconciling S&OP Plans - Using and Maintaining the Master Schedule
Webclass 5		Activities & tests <ul style="list-style-type: none"> - Final Assembly Schedule (FAS) - Rough Cut Capacity Planning (RCCP) - Changes and Supply Disruption (MRP level) - Capacity Requirements Planning and Material requirements Planning based Scheduling
Webclass 6		Activities & Testing <ul style="list-style-type: none"> - Planning Detailed Schedules - Scheduling and Production Activity Control (PAC)
Webclass 7		Activities & Testing <ul style="list-style-type: none"> - Scheduling & PAC Methods
Day 3	Module 020	Detailed Capacity Scheduling, Supply & Distribution <ul style="list-style-type: none"> - Production Schedules and using detailed schedule - Suppliers - Purchasing - Planning Distribution - Replenishment and order management - Exam revision : Master Planning of Resources & Detailed Scheduling & Planning

Six sections of the course are taught in reverse classroom mode: remote preparation (1.5 hours per section), carried out by the learner him/herself in e-learning.		
Webclass 8	Module 030	Activities & testing - Product Costing - Product Life Cycle Management
Webclass 9		Activities & tests - Inventory Control - Technology
Webclass 10		Activities & testing - Quality - Continuous Improvement
Webclass 11	Module 030	Activities & testing - Continuous Improvement
Webclass 12		Activities & tests - Continuous Improvement - Inventory Control Waste hierarchy - Reverse logistics
Webclass 13		Activities & tests - The Environment and Strategy - Strategic Scope
Day 4	Module 040	Quality, Continuous Improvement & Strategic Management of Resources - Strategic Objectives - Developing organizational Strategy - Executing and Monitoring Strategy - Analysis for Functional and operational Strategies - Functional and Operational Strategies - Processes and Layouts - Performance Monitoring and KPIs - Risk Management - Capital Equipment and Facilities - Sustainability Strategies
Two sections of the course are taught in reverse classroom mode: the learner takes quizzes and tests in preparation for the exam (3 hours per section).		
Webclass 14	Module 050	CPIM exam preparation: Strategic Management of Resources
Webclass 15		CPIM exam preparation: Global review