

## TRAINING PROGRAM

### Training

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#### Fundamentals of Management in Industry and Logistics

Référencée au RS de France Compétences sous le n° de fiche : RS6424

### Objectives

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#### For the learner :

- > Acquire basic supply chain vocabulary
- > Acquire basic Supply Chain skills
- > Have a global view of the Supply Chain
- > Challenge one's methods and environment with the good practices of Supply Chain management
- > Improve employability in a context of developing transversal Supply Chain skills.

#### For the Company :

- > Have teams with a common vocabulary and common tools for the basic themes of the Supply Chain
- > Have the skills of teams recognised by preparing them for skill validation
- > Train leaders to contribute to the company's transformation plans
- > Have state-of-the-art employees in terms of Supply Chain practices.

#### At the end of the training program, the learner will be able to:

- 1. Identify the decoupling points of an entity by collecting relevant information related to customer lead times, supply and manufacturing lead times and production environments; in order to determine which stocks to build and where in the flow
- 2. Interpret key supply chain indicators including service rate, schedule adherence rate, stock levels, stock turnover rate; by putting the various indicators into perspective with respect to good planning, sourcing and stock management practices; in order to propose action plans for service and stock optimisation.
- 3. Evaluate customer forecasting requirements and forecast reliability; by questioning the objectives of the forecasting requirements related to the different levels of the MRP2 model and by implementing and monitoring indicators for forecast reliability; in order to plan the company's activity including supply and/or production and/or distribution.
- 4. Identify the success factors and parameters of each process in a manufacturing resource planning model (MRP2 model including Sales and Operations plans, master production schedule, material requirements calculation and workshop management); by determining for each level of the model the objectives, horizons, frequencies, time frames, stakeholders and types of decisions; in order to decompartmentalise functions, improve customer service and optimise the use of resources in the medium and long term.
- 5. Produce a load-capacity analysis for production activities; by calculating for each level of the planning model the capacities at the relevant workstations and the loads induced by the planning; in order to identify the capacity adjustment actions to be implemented.
- 6. Identify the criteria for choosing a supply policy and calculate the associated management parameters; by performing stock classifications and using the different calculation methods associated with supply methods; in order to optimise the stock level.

### Public and Prerequisite

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Supply Chain professionals with at least 3 years of experience. Employees involved in the planning, procurement and inventory management processes.

Have at least 3 years experience in Supply Chain and a minimum of at least 2 years of higher education or equivalent.

A positioning test will be given to the future learner to validate his/her registration.

### Possible next stages and opportunities

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Planning, scheduling, procurement, stock management, flow management, logistics, supply chain, forecasting, distribution.

### Access Deadline

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Registration possible up to 3 weeks before the start date of the session.

### Program

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The basics of Supply Chain Management  
The bullwhip effect, via the AGILEA serious game "the flow simulation game"  
Demand forecasting  
The MRP2 model: S&OP, MPS, MRP and capacity management  
Scheduling and workshop management  
Procurement, stock and supplier management  
Distribution: warehousing and transport

The last day is devoted to a case study in sub-groups covering all the themes of the programme.

#### Duration, pedagogical sequencing and tools

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Flipped classes with training material provided and questions sent by learners  
Questions / answers to bring in the concepts and questions of the learners  
A great deal of time is spent on the experiences of the learners and the trainer  
Sub-group activities and brainstorming during the training days  
Group case studies on the last day  
Digital activity tool for virtual classes.

#### Results monitoring and assessing

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Report + oral presentation in front of a jury of 2 people: a staff member of AGILEA (excluding the trainer) + an external.  
Successful if grade = 14.  
Registration for the defense via email on the days proposed  
D-21: access to the case study via platform  
D-7: sending of the report  
Day D: defence.

#### Methods for evaluating training by learners

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At the end of the training course, a questionnaire is given to assess:

- o the overall level of satisfaction
- o the achievement of the defined objectives
- o possible areas for improvement in terms of both content and form

An attendance sheet will also be signed at each half-day of training.

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**If you need to have any special adaptations to accommodate a disability, please contact us. Our disability advisor is available on +33 (0)9 74 77 30 50 or [formation@agilea-group.com](mailto:formation@agilea-group.com)**