Course : Shop floor planning

scheduling, launch and follow-up

Practical course - 2d - 14h00 - Ref. ODS
Price : 1280 € E.T.

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Workshop planning is subject to conflicting constraints: meeting deadlines, responsiveness, maximizing productivity, minimizing work-in-process. This training course gives you the keys to managing your workshop on a daily basis, while respecting your own constraints and those of your customers.

◎ Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Master the global context of planning, in particular MRP
- ✓ Choose scheduling rules and know their limits
- ✓ Tools for arbitrating trade-offs between work-in-progress, productivity and responsiveness
- ✓ Optimized progress monitoring
- ✓ Continuous improvement of the planning process
- ✓ Launching pull-flow production

Intended audience

Planners and schedulers, team leaders, anyone responsible for managing production flows and drawing up schedules.

Prerequisites

No special knowledge required.

Practical details

Hands-on work

Practical work, role-playing, quizzes. Final mapping practice session: staking-ordering-launching-final follow-up.

Course schedule

1 Planning and scheduling to guarantee deadlines and responsiveness

- Some industry background.
- Take stock of your planning processes.
- Identify logistics functions in industrial companies.
- Distinguish between the 5 types of activity and their impact on planning strategies.
- Mark out, schedule and launch.
- Understand the influence of staking on inventories and work-in-progress.

Hands-on work
Identify the main hazards in scheduling. Identify what creates WIP. Kanban demonstration: first push-flow simulation.

2 Les bases de la planification : MRP et Approvisionnements

- Project planning: using GANTT.
- Master MRP mechanisms: PIC/PDP, CBN.
- Control supplies.
- Distinguish between push, pull, tense and synchronous flows.

Hands-on work
Perform PIC and CBN calculations. Visualize influencing parameters. Kanban TD: 2nd pull-flow simulation.

3 Mastering scheduling: tools and settings

- Apply scheduling techniques, including [[finite capacity]].
- Arbitrate trade-offs to optimize total costs.
- Use the QEC (economic quantity to order) model and the theory of bottleneck constraints.

Exercise
Choose the right priority rules for your flows. Evaluate the financial impact of outstandings.

4 Monitoring and improving for better control

- Responding to workshop issues.
- Follow: better coordination.
- Monitor progress: potential drifts.
- Take action: optimize your work plan.
- Lead workshop meetings, including progress monitoring and rescheduling.
- Promote workshop autonomy.
- Optimize Quality, Costs and Delivery.

Hands-on work
Optimize your work plan. Leading an AIC (Animation à Intervalle Court) workshop progress meeting. Mapping: milestones-ordering-launching-final follow-up. Final quiz.

Dates and locations

REMOTE CLASS
2026 : 2 Apr., 1 June, 14 Sep., 23 Nov.

PARIS LA DÉFENSE
2026 : 1 June, 14 Sep., 23 Nov.